

**UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF FLORIDA**

Miami Division

CASE NO.: \_\_\_\_\_

CLINTON PORTIS, CHRIS AKINS, DAVID BALL, CARRIE BALL, CARLOS HUMBERTO BRADLEY, VINCENT B. BROWN, ROMBY BRYANT, WILLIAM BRYANT JR., KENDRICK BURTON, DEVIN BUSH, KESHA BUSH, STANLEY PATRICK COBBS, MIKE COMPTON, LETONYA COMPTON, DAMION COOK, JANIECE COOK, CUROME COX, LASONYA COX, SHADWICK L. CRISS, DAUNTE CULPEPPER, WILLIAM DUFF, JENIFER DUFF, JARIUS OMAR HAYES, JOHN TYE HEATH HILL, ALEXIS HILL, ABDUL R. HODGE, CHABLI HODGE, THOMAS T.J. HOLLOWELL, RASHAD HOLMAN, BRIAN LEWIS HOWARD, SAMANTHA HOWARD, BENJAMIN ISHOLA, PASHA AARON JACKSON, CHAD JACKSON, COREY LA VESTER JENKINS, BETHEL JOHNSON, DOUG JOHNSON, PARIS JOHNSON, MICHELLE JOHNSON, DWAUNE JONES, SAMUEL LOUIS JOSEPH, ROSS KOLODZIEJ, MIRIAM KOLODZIEJ, KYLE BLAINE KOSIER, JENNIFER KOSIER, KARREM LARRIMORE, SHERRON LARRIMORE, ANTHONIA WAYNE "AMP" LEE, DINO MANGIERO, JAMIE MANGIERO, GREGORY MARK, JESSICA MARK, CHRISTOPHER TODD MASSEY, SARAH MASSEY, JASON CHRISTOPHER MCADDLEY, DARNERIEN MCCANTS, ROSHANDA MCCANTS, PRENTICE MCCRAY, CHRIS MCGAHA, JEREMY M. MCKINNEY, ANYA MCKINNEY, TODD D. MCNAIR, LYNNETTE MCNAIR, BRANDON MIDDLETON, DENISE MIDDLETON, BASIL

MITCHELL, SANTERCIA MITCHELL, GLENN RASHAD MOORE, KENNETH MICHAEL MOORE, CATHY MOORE, ROBERT S. MOORE, RODERICK LOUIS MULLEN, CHAD MUSTARD, JEREL MYERS, REGINALD MYLES, BRANDON NOBLE, DAVID NUGENT, CHIJOKE "CHUKIE" NWOKORIE, JAMILI NWOKORIE, JOSEPH ODOM, ALINE SOUZA, TOM OROSZ, ANTHONY PARKER, BERNARD PARMALEE, ANGELA PARMALEE, HENRY (HANK) POTEAT, ANDRE PURVIS, BARBARA PURVIS, SCOTT RADECIC, RALEIGH ROUNDTREE, TIMOTHY RUDDY, MICHAEL RUMPH, VERONICA RUMPH, CHRISTOPHER S. SCOTT, DEBRA SCOTT, KEVIN SCOTT, TIMOTHY SEDER, JOSHUA SHAW, ELLIOT ERIC SILVERS, LAUREN SILVERS, TRAVIAN SMITH, BLANE E. SMITH, OTIS SMITH, FREDDIE LEE SOLOMON, JR., ANGIE SOLOMON, STEPHEN SPACH, KATEY SPACH, LEONARD STEPHENS, JR., HOWARD M. STEVENS, JR., JOYCE STEVENS, CRAIG SWOOPE, SR., EDWARD THOMAS, DERRICK WARD, NAOMI WARD, FRED WILLIAMS, CARNELL "CADILLAC" WILLIAMS, JERRON WISHOM,

Plaintiffs,

vs.

NATIONAL FOOTBALL LEAGUE, NFL PROPERTIES, LLC,

Defendants.

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**COMPLAINT**

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The Plaintiffs sue the Defendants National Football League (the “NFL”) and NFL Properties, LLC, and allege, upon facts and information and belief, except for the allegations concerning Plaintiffs’ own actions, as follows:

### **INTRODUCTION**

1. This case seeks a declaration of liability, injunctive relief, medical monitoring, and financial compensation for the long-term chronic injuries, financial losses, expenses, and intangible losses suffered by the Plaintiffs and Plaintiffs’ Spouses as a result of the Defendants’ intentional tortious misconduct, including fraud, intentional misrepresentation, and negligence.

2. This action arises from the pathological and debilitating effects of mild traumatic brain injuries (referenced herein as “MTBI”) caused by the concussive and sub-concussive impacts that have afflicted former professional football players in the NFL. For many decades, evidence has linked repetitive MTBI to long-term neurological problems in many sports, including football. The NFL, as the organizer, marketer, and face of the most popular sport in the United States, in which MTBI is a regular occurrence and in which players are at risk for MTBI, was aware of the evidence and the risks associated with repetitive traumatic brain injuries virtually at the inception, but deliberately ignored and actively concealed the information from the Plaintiffs and all others who participated in organized football at all levels.

3. The published medical literature, as detailed later in this Complaint, contains studies of athletes dating back as far as 1928 demonstrating a scientifically observed link between repetitive blows to the head and neuro-cognitive problems. The earliest studies focused on boxers, but by the 1950s and 1960s, a substantial body of medical and scientific evidence had been developed specifically relating to neuro-cognitive injuries in the sport of football.

4. Since the NFL's inception in the first half of the 20th Century, the NFL has been aware of the growing body of scientific evidence and its compelling conclusions that professional football players who sustain repetitive MTBI during their careers are at greater risk for chronic neuro-cognitive illness and disabilities both during their football careers and later in life.

5. Notwithstanding that it was aware of this body of scientific evidence, the NFL ignored, minimized, disputed, and actively suppressed broader awareness of the link between sub-concussive and concussive injuries in football and the chronic neuro-cognitive damage, illnesses, and decline suffered by former players, including the Plaintiffs.

6. Since its inception, the NFL has recognized, acknowledged and acted in a monopolistic manner, intent on controlling and regulating every aspect of the game of professional football, particularly with respect to player safety and health. The NFL has used this authority to compel all NFL players and participants to follow the policies, rules, and regulations the NFL has enacted and imposed. As the governing body of professional football, the NFL has held itself out as the guardian and authority on the issue of player safety and has unilaterally shouldered for itself a common law duty to provide players with rules and information that protect them as much as possible from short-term and long-term health risks.

7. The NFL's role as the guardian of player health and safety began in the 1930s, continued throughout the 1940s, 1950s and 1960s, and continues up through the present day. The NFL has exercised that role through its unilateral decisions to issue rules to improve upon NFL football's public acceptance, to make a profit, and to address issues of player safety. During these decades, the NFL voluntarily provided teams and players with information and regulations that directly affected the short and long term health of NFL players, including the Plaintiffs.

8. Despite the NFL's assumption of this responsibility, the NFL was negligent and failed to carry out this duty in that it failed to inform NFL players of the risks associated with MTBI and/or it was willfully blind to the medically proven fact that repetitive MTBI would lead to neuro-cognitive injuries in many NFL players, including the Plaintiffs. Further, the NFL actively suppressed and kept secret information about MTBI it knew would change the economics of the game and the health of players such as the plaintiffs.

9. The NFL, like the sport of boxing, was aware of the health risks associated with repetitive blows producing sub-concussive and concussive results and the fact that some members of the NFL player population were at significant risk of developing long-term brain damage and cognitive decline as a result. Despite its knowledge and controlling role in governing player conduct on and off the field, the NFL turned a blind eye to the risk and failed to warn and/or impose safety regulations governing this health and safety problem.

10. While the NFL has assumed voluntarily its role as the unilateral guardian of player safety, and NFL players and their families, including the Plaintiffs, have looked to the NFL for guidance on player safety issues, the NFL has exacerbated the health risk to players by promoting the game's violence and lauding players for returning to play despite being rendered unconscious and/or disoriented due to their exposure to sub-concussive and concussive forces.

11. In its supervisory role, as well as in its position as arbiter of all aspects of professional football, the NFL has, since its inception, unilaterally and voluntarily chosen how to spend its funds to investigate and regulate many different circumstances affecting player health and safety, including, but not limited to, requiring players to wear certain equipment, designating some player gear as illegal, and ultimately deciding what helmet brand should be recognized as the official equipment of the NFL.

12. During the decades of the 1970s and 1980s, the NFL was aware of publications in the medical science community that established that concussive and sub-concussive injuries to athletes and the general population were a significant risk factor for short-term and long-term neuro-cognitive health complications, both as single incidents and particularly as repetitive impacts. During these decades, the NFL voluntarily participated, albeit inadequately, in the work of various entities studying the performance and effectiveness of safety gear to reduce the risk of neurological injury. The NFL's participation in these activities was voluntary and a continuance of the historic duty it had assumed in the first half of the twentieth century.

13. By the early 1990s, the consensus among experts in the scientific community forced the NFL to take a different approach to the growing problem of MTBI among existing and former NFL players. In or around 1992, the NFL knew that many football players, including, by way of example, Al Toon, a Pro Bowl receiver for the New York Jets, had developed brain injuries, including chronic severe headaches, malaise, intolerance of loud noises, depression, and emotional lability as a consequence of multiple "dings," sub-concussive injuries, and concussions. The NFL was aware that Mr. Toon retired in 1992 because of these chronic problems.

14. In 1994, the NFL, through its own initiative and voluntary undertaking, took its historic duty and unilateral authority regarding player health and safety one step further. The NFL created and/or decided to fund the NFL's so-called Mild Traumatic Brain Injury Committee (the "MTBI Committee") ostensibly to research and study MTBI affecting NFL players. Notwithstanding this purported purpose, and despite clear medical evidence that on-field sub-concussive and concussive injuries can produce MTBI with tragic results, the NFL (a) failed to inform its current and former players of the true risks associated with MTBI and (b) purposefully misrepresented and/or concealed medical evidence on that issue.

15. Through its MTBI Committee, the NFL gratuitously and voluntarily inserted itself into the scientific research and discussion concerning the link between sub-concussive and concussive impacts sustained by NFL players and short-term and long-term impairment of the brain. By voluntarily inserting itself into the MTBI research and public discourse, the NFL gratuitously undertook a responsibility (a) to make truthful statements; (b) not to wrongfully advance improper, biased, and falsified industry-generated studies; (c) not to discredit well-researched and credible studies that came to a conclusion that did not comport with the NFL's financial and political interests; and, (d) to inform all former players, all current players, and the football-playing public, including young people and their families, regarding the risks of MTBI in football.

16. At the same time, the NFL and its agents continued to market, as it had in the past, the ferocity and brutality of the sport that, in part, gives rise to the latent and debilitating neuro-cognitive conditions and injuries from which Plaintiffs now suffer.

17. After voluntarily assuming a duty to investigate, study, and truthfully report the medical risks associated with MTBI in football, the NFL produced industry-funded, biased, and falsified research that claimed that concussive and sub-concussive head impacts in football do not present serious, life-altering risks.

18. For sixteen years, the NFL actively and continuously denied any link between MTBI sustained by former NFL players in NFL games and practices and the neurological symptoms and problems (such as headaches, dizziness, loss of memory, dementia and ALS) from which they now suffer. The NFL made its biased and falsified position known by way of gratuitous press releases, publications in scientific literature, and other communications.

19. Consistent with its historic role as the guardian of player health and safety, the NFL intended for the general public, NFL players, the Plaintiffs, and participants at every level of the game to rely on the misinformation it propagated.

20. During the same time period, the NFL actively sought to suppress the findings of other members of the medical communities that showed the link between on-field sub-concussive and concussive head impacts and post-career neuro-cognitive damage, illness and decline.

21. The NFL's active and purposeful concealment and misrepresentation of the severe neurological risks of repetitive MTBI exposed players to dangers they could have avoided had the NFL provided them with truthful and accurate information. Many of the players, including the Plaintiffs, sustained repetitive MTBI while in the NFL and now suffer from latent neurodegenerative disorders and diseases, all of which, in whole or in part, were caused by the NFL's acts and/or omissions.

22. The NFL caused or contributed to the injuries and increased risks to Plaintiffs through its acts and omissions by, among other things: (a) historically ignoring the true risks of MTBI in NFL football; (b) failing to disclose the true risks of repetitive MTBI to NFL players; and (c) since 1994, deliberately spreading misinformation concerning the cause and effect relationship between MTBI in NFL football and latent neurodegenerative disorders and diseases.

23. On information and belief, the NFL's motive to ignore and misrepresent the link between MTBI sustained in NFL play and neuro-cognitive injury and decline was economic. The NFL knew or suspected that any rule changes that sought to recognize that link and the health risk to NFL players would impose an economic cost that would significantly and adversely change the profit margins enjoyed by the NFL and its teams.

24. On information and belief, all NFL policies and decisions relevant to the conduct alleged herein occurred primarily in the NFL corporate offices in New York.

### **JURISDICTION AND VENUE**

25. This Court has original jurisdiction pursuant to 28 U.S.C. § 1332(d)(11), because there are one hundred (100) or more persons whose individual claims are being brought herein and the amount in controversy for each Plaintiff exceeds \$75,000.00 dollars, exclusive of costs, interest, and attorneys' fees. The overall amount in controversy exceeds \$5,000,000.00, exclusive of interest, costs, and attorneys' fees. Those claims can be tried jointly in that they involve common questions of law and fact. In addition, the Court has original jurisdiction pursuant to 28 U.S.C. § 1332(a)(1) over the claims of individual Plaintiffs who are citizens of a state different from the states of citizenship of all Defendants they name in their Short-Form Complaints.

26. This Court has personal jurisdiction over the Defendants because they conduct substantial and continuous business in the State of Florida.

27. Venue is proper in this district pursuant to 28 U.S.C. § 1391(a) and (b), because a substantial part of the events or omissions that give rise to the claims occurred within this district, and because the Defendants conduct a substantial part of their business within this district.

### **THE PARTIES**

1. Plaintiff Clinton Portis is a resident and citizen of the State of Florida. He played in the NFL from 2002 to 2010.

2. Plaintiff Chris Akins is a resident and citizen of the State of Arizona. He played in the NFL from 1999 to 2004.

3. Plaintiff David Ball is a resident and citizen of the State of Tennessee and he is married to Carrie Ball, also a resident and citizen of the State of Tennessee. He played in the NFL from 2004-2012.

4. Plaintiff Carlos Humberto Bradley is a resident and citizen of the State of Pennsylvania. He played in the NFL from 1981-1985 and in 1987.

5. Plaintiff Vincent B. Brown is a resident and citizen of the State of Virginia. He played in the NFL from 1981-1985 and in 1987.

6. Plaintiff Romby Bryant is a resident and citizen of the State of Oklahoma. He played in the NFL from 2004 to 2007.

7. Plaintiff William Bryant Jr. is a resident and citizen of the State of Louisiana. He played in the NFL in 1974 and from 1976-1978.

8. Plaintiff Kendrick Burton is a resident and citizen of the State Washington. He played in the NFL from 1996-1997.

9. Plaintiff Stanley Patrick Cobbs is a resident and citizen of the State Texas. He played in the NFL from 2006 to 2011.

10. Plaintiff Mike Compton is a resident and citizen of the State of Virginia and he is married to Letonya Compton, also a resident and citizen of the State of Virginia. He played in the NFL from 1993-2005.

11. Plaintiff Damion Cook is a resident and citizen of the State of Maryland and he is married to Plaintiff Janiece Cook, also a resident and citizen of the State of Maryland. He played in the NFL from 2001-2005 and from 2008-2009.

12. Plaintiff Curome Cox is a resident and citizen of the State of South Carolina and he is married to Lasonya Cox, also a resident and citizen of the State of South Carolina. He played in the NFL from 2004-2008.

13. Plaintiff Shadwick L. Criss is a resident and citizen of the State of Texas. He played in the NFL in 2000.

14. Plaintiff Daunte Culpepper is a resident and citizen of the State of Florida. He played in the NFL from 1999 to 2009.

15. Plaintiff William Duff is a resident and citizen of the State of Ohio and he is married to Jenifer Duff, also a resident and citizen of the State of Ohio. He played in the NFL from 1998-2000.

16. Plaintiff Jarius Omar Hayes is a resident and citizen of the State of Alabama. He played in the NFL from 1996-1999.

17. Plaintiff John Tye Heath Hill is a resident and citizen of the State of Georgia and he is married to Alexis Hill, also a resident and citizen of the State of Georgia. He played in the NFL from 2006-2010.

18. Plaintiff Abdul R. Hodge is a resident and citizen of the State of Florida and he is married to Chabli Hodge, also a resident and citizen of the State of Florida. He played in the NFL from 2006-2010.

19. Plaintiff Thomas T.J. Hollowell is a resident and citizen of the State of Nebraska. He played in the NFL from 2004 to 2005.

20. Plaintiff Rashad Holman is a resident and citizen of the State of New York. He played in the NFL from 2001 to 2003.

21. Plaintiff Brian Lewis Howard is a resident and citizen of the State of Washington and he is married to Samantha Howard, also a resident and citizen of the State of Washington. He played in the NFL from 2004 to 2005.

22. Plaintiff Benjamin Ishola is a resident of Ontario, Canada. He played in the NFL from 2006 to 2008.

23. Plaintiff Pasha Aaron Jackson is a resident and citizen of the State of California. He played in the NFL in 2006.

24. Plaintiff Chad Jackson is a resident and citizen of the State of Alabama. He played in the NFL from 2006 to 2011.

25. Plaintiff Corey La Vester Jenkins is a resident and citizen of the State of South. He played in the NFL from 2003 to 2005.

26. Plaintiff Bethel Johnson is a resident and citizen of the State of Texas. He played in the NFL from 2003 to 2007.

27. Plaintiff Doug Johnson is a resident and citizen of the State of Florida. He played in the NFL from 2000 to 2006.

28. Plaintiff Paris Johnson is a resident and citizen of the State of Ohio and he is married to Plaintiff Michelle Johnson, also a resident and citizen of the State of Ohio. He played in the NFL from 1999 to 2002.

29. Plaintiff Dwaune Jones is a resident and citizen of the State of Indiana. He played in the NFL from 2000 to 2002.

30. Plaintiff Samuel Louis Joseph is a resident of Ontario Canada. He played in the NFL in 2007.

31. Plaintiff Ross Kolodziej is a resident and citizen of the State of Pennsylvania and he is married to Plaintiff Miriam Kolodziej, also a resident and citizen of the State of Pennsylvania. He played in the NFL from 2001-2007.

32. Plaintiff Kyle Blaine Kosier is a resident and citizen of the State of Arizona and he is married to Plaintiff Jennifer Kosier, also a resident and citizen of the State of Arizona. He played in the NFL from 2002-2011.

33. Plaintiff Kareem Larrimore is a resident and citizen of the State of Texas and he is married to Plaintiff Sherron Larrimore, also a resident and citizen of the State of Texas. He played in the NFL from 2000-2001.

34. Plaintiff Anthonia Wayne "Amp" Lee is a resident and citizen of the State of Arizona. He played in the NFL from 1992 to 2000.

35. Plaintiff Dino Mangiero is a resident and citizen of the State of New York and he is married to Jamie Mangiero, also a resident and citizen of the State of New York. He played in the NFL from 1980-1984 and in 1987.

36. Plaintiff Gregory Mark is a resident and citizen of the State of Florida and he is married to Jessica Mark, also a resident and citizen of the State of Florida. He played in the NFL in 1990.

37. Plaintiff Christopher Todd Massey is a resident and citizen of the State of West Virginia and he is married to Sarah Massey, also a resident and citizen of the State of West Virginia. He played in the NFL from 2002 to 2011.

38. Plaintiff Jason Christopher McAddley is a resident and citizen of the State of Arizona. He played in the NFL from 2002 to 2005 and in 2007.

39. Plaintiff Darnerien McCants is a resident and citizen of the State of Virginia and he is married to Plaintiff Roshanda McCants, also a resident and citizen of the State of Virginia. He played in the NFL from 2001-2005 and in 2008.

40. Plaintiff Prentice McCray is a resident and citizen of the State of Arizona. He played in the NFL from 1974 to 1980.

41. Plaintiff Chris McGaha is a resident and citizen of the State of Arizona. He played in the NFL in 2010.

42. Plaintiff Jeremy M. McKinney is a resident and citizen of the State of Texas and he is married to Anya McKinney, also a resident and citizen of the State of Texas. He played in the NFL from 1998 to 2002.

43. Plaintiff Todd D. McNair is a resident and citizen of the State of California and he is married to Lynnette McNair, also a resident and citizen of the State of California. He played in the NFL from 1989-1996.

44. Plaintiff Brandon Middleton is a resident and citizen of the State of Texas and he is married to Plaintiff Denise Middleton, also a resident and citizen of the State of Texas. He played in the NFL from 2004 to 2008.

45. Plaintiff Basil Mitchell is a resident and citizen of the State of Texas and he is married to Santercia Mitchell, also a resident and citizen of the State of Texas. He played in the NFL from 1999-2000.

46. Plaintiff Glenn Rashad Moore is a resident and citizen of the State of Alabama. He played in the NFL from 2003-2008.

47. Plaintiff Kenneth Michael Moore is a resident and citizen of the State of Tennessee and he is married to Cathy Moore, also a resident and citizen of the State of Tennessee. He played in the NFL from 2000 to 2005.

48. Plaintiff Robert S. Moore is a resident and citizen of the State of New York. He played in the NFL from 1990 to 2002.

49. Plaintiff Roderick Louis Mullen is a resident and citizen of the State of Kansas. He played in the NFL from 1995 to 1999.

50. Plaintiff Chad A. Mustard is a resident and citizen of the State of Nebraska. He played in the NFL from 2002 to 2008.

51. Plaintiff Jerel Myers is a resident and citizen of the State of Texas. He played in the NFL from 2003 to 2005.

52. Plaintiff Reginald Myles is a resident and citizen of the State of. He played in the NFL from 2002 to 2005.

53. Plaintiff Brandon Noble is a resident and citizen of the State of Pennsylvania. He played in the NFL from 1997 to 2005.

54. Plaintiff David Nugent is a resident and citizen of the State of Tennessee. He played in the NFL from 2000 to 2002.

55. Plaintiff Chijioke "Chukie" Nwokorie is a resident and citizen of the State of Indiana and he is married to Jamili Nwokorie, also a resident and citizen of the State of Indiana. He played in the NFL from 1999-2004.

56. Plaintiff Joseph Odom is a resident and citizen of the State of Florida and he is married to Plaintiff Aline Souza, also a resident and citizen of the State of Florida. He played in the NFL from 2003-2006.

57. Plaintiff Tom Orosz is a resident and citizen of the State of Ohio. He played in the NFL from 1981 to 1985.

58. Plaintiff Anthony Parker is a resident and citizen of the State of Illinois. He played in the NFL from 1999 to 2003.

59. Plaintiff Bernard Parmalee is a resident and citizen of the State of Kansas and he is married to Angela Parmalee, also a resident and citizen of the State of Kansas. He played in the NFL from 1992-2001.

60. Plaintiff Henry "Hank" Poteat is a resident and citizen of the State of Pennsylvania. He played in the NFL from 2000 to 2009.

61. Plaintiff Andre Purvis is a resident and citizen of the State of North Carolina and he is married to Barbara Purvis, also a resident and citizen of the State of North Carolina. He played in the NFL from 1997 to 1999.

62. Plaintiff Scott Radevic is a resident and citizen of the State of Kansas. He played in the NFL from 1984 to 1995.

63. Plaintiff Raleigh Roundtree is a resident and citizen of the State of Georgia. He played in the NFL from 1997 to 2003.

64. Plaintiff Timothy Ruddy is a resident and citizen of the State of Colorado. He played in the NFL from 1994 to 2003.

65. Plaintiff Michael Rumph is a resident and citizen of the State of Florida and he is married to Plaintiff Veronica Rumph, also a resident and citizen of the State of Florida. He played in the NFL from 2002 to 2007.

66. Plaintiff Christopher S. Scott is a resident and citizen of the State of Ohio and he is married to Plaintiff Debra Scott, also a resident and citizen of the State of Ohio. He played in the NFL from 1984-1990.

67. Plaintiff Kevin Scott is a resident and citizen of the State of Arizona. He played in the NFL from 1991 to 1994.

68. Plaintiff Timothy Seder is a resident and citizen of the State of Texas. He played in the NFL from 2000 to 2002 and in 2006.

69. Plaintiff Joshua Shaw is a resident and citizen of the State of Illinois. He played in the NFL from 2002 to 2008.

70. Plaintiff Elliot Eric Silvers is a resident and citizen of the State of Washington and he is married to Plaintiff Lauren Silvers, also a resident and citizen of the State of Washington. He played in the NFL in 2001.

71. Plaintiff Travian Smith is a resident and citizen of the State of Texas. He played in the NFL from 1998 to 2004.

72. Plaintiff Blane E. Smith is a resident and citizen of the State of Texas. He played in the NFL in 1977.

73. Plaintiff Otis Smith is a resident and citizen of the State of Maryland. He played in the NFL from 1991 to 2003.

74. Plaintiff Freddie Lee Solomon Jr. is a resident and citizen of the State of Florida and he is married to Angie Solomon, also a resident and citizen of the State of Florida. He played in the NFL from 1995 to 1998

75. Plaintiff Stephen Spach is a resident and citizen of the State of California and he is married to Katey Spach, also a resident and citizen of the State of California. He played in the NFL in 2005 and from 2007 to 2012.

76. Plaintiff Leonard Stephens Jr. is a resident and citizen of the State of Virginia. He played in the NFL from 2000 to 2008.

77. Plaintiff Howard M. Stevens Jr. is a resident and citizen of the State of North Carolina and he is married to Plaintiff Lauren Stevens, also a resident and citizen of the State of North Carolina. He played in the NFL from 1973 to 1977.

78. Plaintiff Craig Swoope Sr. is a resident and citizen of the State of Florida. He played in the NFL from 1986 to 1988.

79. Plaintiff Edward Thomas is a resident and citizen of the State of Louisiana. He played in the NFL from 1990 to 1992.

80. Plaintiff Derrick Ward is a resident and citizen of the State of Texas and he is married to Naomi Ward, also a resident and citizen of the State of Texas. He played in the NFL from 2004 to 2012.

81. Plaintiff Fred Williams is a resident and citizen of the State of Arizona. He played in the NFL from 1977 to 1980.

82. Plaintiff Carnell "Cadillac" Williams is a resident and citizen of the State of Florida. He played in the NFL from 2005 to 2011.

83. Plaintiff Jerron Wishom is a resident and citizen of the State of Louisiana. He played in the NFL from 2005 to 2008.

84. Each of the Defendants is in some fashion legally responsible for the injuries and damages complained of herein.

85. Defendant NFL, which maintains its offices at 345 Park Avenue, New York, New York, is an unincorporated association consisting of separately owned and independently-operated professional football teams which operate out of many different cities and states within this country. The NFL is engaged in interstate commerce in the business of, among other things, promoting, operating, organizing, and regulating the major professional football league in the United States. The NFL is not, and has not been, the employer of the Plaintiffs, who were employed during their respective careers in professional football by the independent clubs (hereinafter “Teams” or “Clubs”). The United States Supreme Court held in *American Needle, Inc. v. NFL*, 130 S. Ct. 2201, 2212-13 (2010), that each Team that is a member of the NFL is a legally distinct and separate entity from both the other Teams and the NFL itself.

86. Defendant NFL Properties, LLC is the successor-in-interest to National Football League Properties, Inc. (“NFL Properties”) and a limited liability company organized and existing under the laws of the State of Delaware with its headquarters in the State of New York. NFL Properties is engaged in, among other activities, approving, licensing, and promoting equipment used by all the NFL teams. NFL Properties regularly conducts business in Pennsylvania. Together with the NFL, Defendant NFL Properties is referred to herein as the “NFL Defendants.”

**GENERAL ALLEGATIONS APPLICABLE TO  
ALL COUNTS AGAINST THE NFL DEFENDANTS**

87. The NFL generates approximately \$9,300,000,000.00 in gross income per year.

88. The NFL oversees America’s most popular spectator sport, acting as a trade association for the benefit of the thirty-two independently operated Teams. The NFL’s average attendance per game in 2009 was 67,509.

89. The NFL has, since its inception in the first half of the twentieth century, governed and promoted the game of football, and as referenced in detail herein, it was created and established to act as the governing body, establishing rules related to player health and safety, League policies, and Team ownership.

90. The NFL generates revenue mostly through marketing sponsorships, licensing merchandise, and by selling national broadcasting rights to the games. The Teams share a percentage of the League's overall revenue.

91. The NFL earns billions of dollars from its media deals with, inter alia, ESPN (\$1.1 billion), DirecTV (\$1 billion), NBC (\$650 million), Fox (\$712.5 million), and CBS (\$622.5 million).

92. Annually, the NFL redistributes approximately \$4 billion in radio, television, and digital earnings to the Teams or approximately \$125 million per Team. Those revenue numbers show no sign of declining and have increased since 2009.

93. The NFL enjoys partial monopoly power through an anti-trust exemption granted via the Federal Sports Broadcasting Act that allows the NFL to sell television rights for all 32 Teams as a single unit.

### **The NFL's Influence**

94. In part because of their financial power, monopoly status, and high visibility, the NFL Defendants have had enormous influence over the game of football at all levels of the game.

95. Over many decades, the NFL Defendants' influence has been expanded through their use of the media. Through NFL films, the NFL Network, and [www.NFL.com](http://www.NFL.com), the NFL Defendants have promoted NFL football via every mass communication medium available.

**The NFL Has Mythologized Violence Through the Media**

96. Part of the NFL Defendants' strategy to promote NFL football is: (a) to mythologize players and Teams; (b) to glorify the accomplishments of individuals and Teams; and (c) to glorify the brutality and ferocity of NFL football, by lauding and mythologizing the most brutal and ferocious players and collisions, and simultaneously propagating the fraudulent representation that "getting your bell rung," "being dinged", and putting big hits on others is a badge of courage and does not seriously threaten one's health.

97. As a result of this strategy, the NFL Defendants have propagated the false myth that collisions of all kinds, including brutal and ferocious collisions, many of which lead to short-term and long-term neurological damage to current and former NFL players, are an acceptable, desired, and natural consequence of the game, and a measure of the courage and heroism of players involved at every level of the game.

98. As a result of this strategy, and the overwhelming influence of the NFL Defendants at every level of the game, the NFL Defendants have generated for themselves and others billions of dollars every year by promoting a product of brutality and ferocity and inculcating in players at every level of the game the false and life-threatening ideas that (a) brutal, ferocious, and debilitating collisions are a required and desired outcome in the game of football; and (b) playing despite repetitive head impacts is a laudable and desirable goal.

**The NFL Markets and Glorifies Football's Violence Through NFL Films**

99. NFL Films is an agent and instrumentality of the NFL Defendants devoted to producing promotional films for the NFL. One television critic described NFL Films as "the greatest in-house P.R. machine in pro sports history... an outfit that could make even a tedious stalemate seem as momentous as the battle for the Alamo."

100. NFL Films is known for the style it features in all of its productions, capturing the NFL games, plays, players, and overall NFL environment in an artistic, promotional fashion. NFL Films cinematography is intended to create compelling storylines and highlight certain aspects of the game. NFL Films takes viewers right into the game with close-ups and slow motion depiction of all the hard-hitting action on the field.

101. NFL Films focuses on violence as one of the NFL's greatest selling points: the football player as gladiator. To advance the NFL Defendants' purpose, NFL Films has created numerous highlight features that focus solely on the hardest-hits in pro football. These featured videos are marketed and sold to advance the NFL's culture of violence as entertainment.

102. The list of videos created by NFL Films glorifying violent plays includes, but is not limited to, the following titles: "*NFL: Moment of Impact*" (2007); "*NFL's 100 Greatest Tackles*" (1995); "*Big Blocks and King Size Hits*" (1990); "*The Best of Thunder and Destruction – NFL's Hardest Hits*"; "*NFL Films Video: Strike Force*" (1989); "*The NFL's Greatest Hits*" (1989); "*Crunch Course*"; "*Crunch Course II*" (1988); "*Crunch Masters*"; "*In the Crunch*" (1987); "*NFL Rocks*"; "*NFL Rocks: Extreme Football*" (1993).

103. NFL Films created the "*Top Ten Most Feared Tacklers*" series that was shown on the NFL Network. Now, it has its own section on the NFL's website. These features are comprised of videos highlighting the most vicious tacklers the NFL has ever seen. These videos contain numerous explicit examples of how the NFL Defendants market and glorify the violent nature of the NFL. The back cover of 2007 film "*Moment of Impact*" advertises the film as follows: "First you hear the breathing, then you feel the wind coming through your helmet's ear hole. Suddenly you're down, and you're looking through your helmet's ear hole. Pain? That's

for tomorrow morning. Right now you've gotta focus – focus on the play and try not to focus on the next moment of impact.”

104. The entire message deemphasizes the acute and chronic risks associated with head impacts. The 1990 film “*Big Blocks and King Size Hits*” prominently features a head-to-head collision between Minnesota Vikings’ defender Jack Tatum and Oakland Raiders’ receiver Sammy White in Super Bowl XI in which White’s helmet is knocked clear off his head. In 1993’s “*NFL Rocks*,” the late Junior Seau offers his opinion on the measure of a punishing hit: “If I can feel some dizziness, I know that guy is feeling double [that].” In a segment of the same film, glorifying gutsy receivers who expose themselves to big hits by going “over the middle” of the field, former Houston Oilers receiver Ernest Givens is quoted as saying: “I get knocked out a lot, I get concussions, I get broken noses, that is part of being a receiver, that’s what separates you from being a typical receiver than a great receiver.” Former Dallas Cowboys receiver Michael Irvin recites a similar unawareness of the risks of concussions: “Before the game, I go to the [defensive backs] and tell them, ‘Hey, you know I’ll trade a concussion for a reception!’”

105. NFL Films, therefore, advances the NFL Defendants’ agenda to promote the most violent aspects of NFL football and to urge players at every level of the game to disregard the results of violent head impacts.

106. The NFL Defendants strategically use NFL Films’ cinematography and on-field microphones to exaggerate and emphasize vicious hits, which take on the appearance of the slow-motion crash test videos that appear in many car commercials, and the players taking on the role of the crash-test dummies.

107. The NFL Defendants, through NFL Films, promote a culture in which playing hurt or with an injury is both expected and acclaimed in a mythical gladiator world. Through

NFL Films, the NFL has produced videos that praise players who embody the ethos of playing hurt (for example, “*Top Ten Gutsiest Performances*”). This film and others like it celebrate players’ ability to play through the pain and injury and promote an expectation among players and fans that players must and often do play through any injury, including MTBI.

108. This culture encourages NFL players to play despite a head injury. Moreover, failure to play through such an injury creates the risk that the NFL player will lose playing time, a starting position, and possibly a career.

109. Within this culture, the NFL Defendants purposefully profit from the violence they promote.

110. This culture of violence, sponsored and encouraged by the NFL Defendants, has too many examples to provide in this Complaint.

111. A few examples demonstrate its indelible place in the modus operandi of the NFL Defendants. After joining the NFL, the Cleveland Browns were led by Hall of Famer Otto Graham to many consecutive championships. The media and the NFL management at the time were well aware of the targeted blows to the head suffered by Graham, with resulting loss of consciousness. Nevertheless, Graham was encouraged to come back and play in each game.

112. This attitude and League-sponsored mayhem continued in the decades of the 1980s, 1990s and 2000s, with players lauded for their “head hunting” skills. As recently as October 2010, the NFL fined some players for what it characterized as “illegal and dangerous hits”, and yet the NFL Defendants sought to profit by selling photos of the illegal hits on its website for between \$54.95 and \$249.95.

**Head Injuries, Concussions, and Neurological Damage**

113. Medical science has known for many decades that repetitive and violent jarring of the head or impact to the head can cause MTBI with a heightened risk of long term, chronic neuro-cognitive sequelae.

114. The NFL Defendants have known or should have known for many years that the American Association of Neurological Surgeons (the “AANS”) has defined a concussion as “a clinical syndrome characterized by an immediate and transient alteration in brain function, including an alteration of mental status and level of consciousness, resulting from mechanical force or trauma.” The AANS defines traumatic brain injury (“TBI”) as:

a blow or jolt to the head, or a penetrating head injury that disrupts the normal function of the brain. TBI can result when the head suddenly and violently hits an object, or when an object pierces the skull and enters brain tissue. Symptoms of a TBI can be mild, moderate or severe, depending on the extent of damage to the brain. Mild cases may result in a brief change in mental state or consciousness, while severe cases may result in extended periods of unconsciousness, coma or even death.

115. The NFL Defendants have known or should have known for many years that MTBI generally occurs when the head either accelerates rapidly and then is stopped, or is rotated rapidly. The results frequently include, among other things, confusion, blurred vision, memory loss, nausea, and sometimes unconsciousness.

116. The NFL Defendants have known or should have known for many years that medical evidence has shown that symptoms of MTBI can appear hours or days after the injury, indicating that the injured party has not healed from the initial blow.

117. The NFL Defendants have known or should have known for many years that once a person suffers an MTBI, he is up to four times more likely to sustain a second one. Additionally, after suffering even a single sub-concussive or concussive blow, a lesser blow may

cause MTBI, and the injured person requires more time to recover. This goes to the heart of the problem: players being unaware of the serious risk posed to their long-term neuro-cognitive health.

118. The NFL Defendants have known or should have known for many years that clinical and neuro-pathological studies by some of the nation's foremost experts demonstrate that multiple head injuries or concussions sustained during an NFL player's career can cause severe neuro-cognitive problems such as depression and early-onset of dementia.

119. The NFL Defendants have known or should have known for many years that published peer reviewed scientific studies have shown that repeated traumatic head impacts (including sub-concussive and concussive blows) cause ongoing and latent brain injury. These injuries have been documented and associated with sports-related head impacts in both football and boxing.

120. The NFL Defendants have known or should have known for many years that neuropathology studies, brain imaging tests, and neuropsychological tests on many former football players, including former NFL players, have established that football players who sustain repetitive head impacts while playing the game have suffered and continue to suffer brain injuries that result in any one or more of the following conditions: early-onset of Alzheimer's Disease, dementia, depression, deficits in cognitive functioning, reduced processing speed, attention and reasoning, loss of memory, sleeplessness, mood swings, personality changes, and the debilitating and latent disease known as Chronic Traumatic Encephalopathy ("CTE"). The latter condition involves the slow build-up of the Tau protein within the brain tissue that causes diminished brain function, progressive cognitive decline, and many of the symptoms listed above. CTE is also associated with an increased risk of suicide.

121. The NFL Defendants have known or should have known for many years that CTE is found in athletes, including football players and boxers, with a history of repetitive head trauma. Published papers have shown that this condition is prevalent in retired professional football players who have a history of head injury. The changes in the brain caused by repetitive trauma are thought to begin when the brain is subjected to that repetitive trauma, but symptoms may not appear until months, years, or even decades after the last traumatic impact or the end of active athletic involvement.

122. The NFL Defendants have known for many years of the reported papers and studies documenting autopsies on over twenty-five former NFL players. The papers and studies show that over ninety percent of the players suffered from CTE.

123. As a result, published peer reviewed scientific studies have shown that concussive and sub-concussive head impacts while playing professional football are linked to significant risk for permanent brain injury.

124. Published peer reviewed scientific studies have shown that 28% of the NFL retirees studied suffered from depression, whereas the prevalence of depression in the general population is 9.5%.

125. Published peer reviewed scientific studies have shown that 36% of NFL retirees, age 65-75, who were studied suffered from dementia, whereas the prevalence of dementia in the general population for the same age group is merely 2.2-6.5%.

126. Published peer reviewed scientific studies have shown that retired players with three or more reported concussions had a fivefold prevalence of mild cognitive impairment (MCI) and a threefold prevalence of significant memory problems, compared to other retirees.

127. In a study of NFL retirees, 11.1% of all respondents reported having a diagnosis of clinical depression.

128. NFL retirees experience earlier onset of Alzheimer's-like symptoms more frequently than the general American male population in the same age range.

129. Repeated head trauma can also result in so-called "Second Impact Syndrome," in which re-injury to a person who has already suffered a concussion triggers swelling that the skull cannot accommodate.

**The NFL Was and Is in a Superior Position of Knowledge  
and Authority and Owed a Duty to Players**

130. At all times, the NFL's unique historical vantage point at the apex of the sport of football, paired with its unmatched resources as the most well-funded organization devoted to the business of the game, has afforded it unparalleled access to data relating the effect of head impacts on football players and made it an institutional repository of accumulated knowledge about head injuries to players.

131. The NFL's accumulated knowledge about head injuries to players, and the associated health risks therefrom, was at all times vastly superior to that available to the Plaintiffs.

132. From its inception, the NFL unilaterally created for itself the role of protecting players, informing players of safety concerns, and imposing unilaterally a wide variety of rules to protect players from injuries that were costly to the player, the game, and profits. From the beginning, the NFL held itself out and acted as the guardian of the players' best interests on health and safety issues.

133. For these reasons, players and their families have relied on the NFL to intervene in matters of player safety, to recognize issues of player safety, and to be truthful on the issue of player safety.

134. In a recent public admission, the NFL stated that “[s]ince its earliest days, the league has continuously taken steps to ensure that the game is played as fairly as possible without unnecessary risk to its participants, including making changes and enhancements to game safety rules.” ([www.nflhealthsafety.com/commitment/regulations](http://www.nflhealthsafety.com/commitment/regulations)) (2011-2012).

135. On information and belief, since its inception, the NFL received and paid for advice from medical consultants regarding health risks associated with playing football, including the health risks associated with concussive and sub-concussive injuries. Such ongoing medical advice and knowledge placed the NFL in a position of ongoing superior knowledge to the players. Combined with the NFL’s unilateral and monopolistic power to set rules and determine policies throughout its game, the NFL at all relevant times was in a position to influence and dictate how the game would be played and to define the risks to which players would be exposed.

136. As a result, the NFL unilaterally assumed a duty to act in the best interests of the health and safety of NFL players, to provide truthful information to NFL players regarding risks to their health, and to take all reasonable steps necessary to ensure the safety of players.

137. The NFL’s voluntary actions and authority throughout its history show that as early as the 1920s the NFL shouldered for itself the common law duty to make the game of professional football safer for the players and to keep the players informed of safety information they needed to know.

138. The NFL's historical actions in connection with these legal duties have included, but are not limited to, the following: adding a field judge (1929); establishing hash-marks at 10 yards from the sidelines (1933); establishing the penalty of unnecessary roughness for a deliberate rough contact on the passer after the pass is made (1938); making helmets mandatory (1943); adding a back field judge (1947); establishing a rule that the ball is dead when a runner touches the ground with any part of his body except his hands while in the grasp of an opponent (1955); establishing a rule that the ball is dead immediately if the runner touches the ground with any part of his body except his hands after being contacted by a defensive player (1956); establishing a penalty for grabbing the face mask of any opponent except a runner (1956); establishing a penalty of grabbing the face mask of any opponent (1962); requiring that goal posts be offset from the goal line (1966); establishing a rule that a player who signals for a fair catch cannot block or initiate contact with one of the kicking team's players until the ball touches a player (1967); establishing a rule that a defensive player who jumps or stands on a teammate or who is picked up by a teammate cannot attempt to block an opponent's kick (1973); establishing a rule that no receiver can be blocked below the waist after moving beyond the line of scrimmage (1974); establishing a rule that eligible receivers who take a position more than two yards from the tackle cannot be blocked below the waist (1974); establishing a rule that a defender is not permitted to run or dive into a ball carrier who has fallen to the ground untouched (1976); establishing a rule that it is illegal for a defensive lineman to strike an opponent above the shoulders during his initial charge (1977) (previously the NFL made this illegal only during the first step); establishing that it is illegal for a wide receiver to clip an opponent anywhere (1977); establishing rules as to mandatory equipment (1979); establishing that it is illegal for a player in the backfield to chop an outside rusher on a pass play (1979); establishing that it is illegal to throw a punch or forearm or to kick an opponent

(1979); and establishing that it is illegal to strike, swing, or club an opponent in the head, neck or face (1980).

139. As the sport's governing entity (with monopolistic power), the NFL has made it known to players and teams alike that the NFL actively and pervasively governs player conduct and health and safety both on and off the field. In public statements since its inception, the NFL has stated that its goals include taking necessary steps for the safety, health and well-being of players and their families.

140. The NFL's approach has been paternalistic and has included comprehensive rookie training programs to teach new players how to manage their personal lives, inquiries from the media, and newly acquired income.

141. For decades, the NFL voluntarily instituted programs to support player health and safety on and off the field, and the players and their families looked to the NFL for guidance on these issues.

142. By way of example only, in 1959, the NFL unilaterally established medical, life insurance, and retirement plans, funded the plans, and controlled the nature and extent of each of these plans without any player involvement. The NFL made all changes to the plans unilaterally.

143. Despite its unilateral duty and power to govern player conduct on and off the field, the NFL has for decades ignored, turned a blind eye to, and actively concealed the risks to players of repetitive sub-concussive and concussive head impacts, which can and do result in players being knocked unconscious or having "their bell rung" so that they are in a conscious but disoriented state.

144. As one example, Cleveland Browns Quarterback Otto Graham was knocked unconscious during a game against the San Francisco 49ers in 1953 and he was carried off the field.

After regaining consciousness, however, Graham returned to the field and played the balance of the game, even though his jaw required fifteen stitches after the game.

145. Thus, since its inception, and continuing into the present, the NFL has been in a position that affords it a special relationship to NFL players as the guardian of their health and safety. For that reason, from its inception and continuing into the present, the NFL owed a duty of reasonable care to keep NFL players informed of neurological risks, to inform NFL players truthfully, and not to mislead NFL players about the risks of permanent neurological damage that can occur from MTBI incurred while playing football.

146. By way of example only, during the decades of the 1930s through the 1960s, the NFL – in its supervisory role as guardian of player safety -- identified tackling techniques that exposed players to increased risks of injury, including head, neck, and leg injuries. Once identified, the NFL issued regulations which served as daily warnings to players of the hazardous nature of continuing to follow hazardous tackling techniques.

147. As a result of its position of authority and repository of a composite of information throughout the League, the NFL was aware of how to protect NFL players from dangerous circumstances on the field of play and took unilateral, but insufficient, measures to do so.

148. For decades, the NFL failed to warn NFL players of the medical risks associated with repetitive head impacts during NFL games and practices.

149. Instead, the NFL ignored the risks and/or was willfully blind to the risks and/or actively concealed the risks from NFL players, despite its historic and proactive role as the guardian of player safety. For that reason, the NFL breached its common law duty of reasonable and ordinary care to the Plaintiffs by failing to provide them with necessary, adequate, and

truthful information about the heightened risks of latent neurological damage that arise from repetitive head impacts during NFL games and practices.

150. On information and belief, over the past two decades, the NFL continued to exercise this common law duty and its unilateral authority to investigate and advise NFL players on many diverse and important topics, and that should have included the recognition of circumstances that can precipitate MTBI, the long-term potential consequences of MTBI to NFL players, and solutions for players who have sustained MTBI.

151. Moreover, from 1994 until 2010, the NFL publicly inserted itself into the business of head injury research and openly disputed that any short-term or long-term harmful effects arose from football-related sub-concussive and concussive injuries. The NFL propagated its own industry funded and falsified research to support its position, despite its historic role as the guardian of player safety, and despite the fact that independent medical scientists had already come to the opposite conclusion.

152. As such, the NFL continued its existing common law duty to provide truthful scientific research and information about the risks of concussive and sub-concussive injuries to NFL players, including the Plaintiffs, who relied on the NFL's research and pronouncements on that subject.

153. The NFL knew, reasonably expected, and intended NFL players, including the Plaintiffs, to rely on its research and pronouncements on that subject, in part, because of the historic special relationship between the NFL and the players and, in part, because the NFL knew that the vast majority of NFL players played under non-guaranteed contracts and would willingly (and unknowingly) expose themselves to additional neurological injury and an increased risk of harm solely to maintain those non-guaranteed contracts. The NFL had, in fact, developed over

time a market brand analogous to that of Roman Gladiators that urged players to sacrifice all for "the game" as an essential mentality for play in the NFL. The 2007 NFL Films video "*Moment of Impact*" emphasized that "3<sup>rd</sup> and 4<sup>th</sup> stringers, special team players will risk life and limb to catch the coach's eye" for a spot on an NFL roster. During a voice-over emphasizing that these players hope "to make the team by making an impact," the video depicts a Buffalo Bills defender delivering a devastating blow directly to the head of the vulnerable Indianapolis Colts' kick-return man who had just caught the ball.

**The NFL Knew the Dangers and Risks Associated with  
Repetitive Head Impacts and Concussions**

154. For decades, the NFL has been aware that multiple blows to the head can lead to long-term brain injury, including but not limited to memory loss, dementia, depression, and CTE and its related symptoms.

155. In 1928, pathologist Harrison Martland described the clinical spectrum of abnormalities found in "almost 50 percent of fighters [boxers] . . . if they ke[pt] at the game long enough" (the "Martland study"). The article was published in the *Journal of the American Medical Association*. The Martland study was the first to link sub-concussive blows and "mild concussions" to degenerative brain disease.

156. In 1937, the American Football Coaches Association published a report warning that players who suffer a concussion should be removed from sports demanding personal contact.

157. In 1948, the New York State Legislature created the Medical Advisory Board of the New York Athletic Commission for the specific purpose of creating mandatory rules for professional boxing designed to prevent or minimize the health risks to boxers. After a three year study, the Medical Advisory Board recommended, among other things, (a) an accident survey committee to study ongoing accidents and deaths in boxing rings; (b) two physicians at

ring-side for every bout; (c) post-bout medical follow-up exams; (d) a 30-day period of no activity following a knockout and a medical follow up for the boxer, all of which was designed to avoid the development of “punch drunk syndrome,” also known at the time as “traumatic encephalopathy”; (e) a physician’s prerogative to recommend that a boxer surrender temporarily his boxing license if the physician notes that the boxer suffered significant injury or knockout; and (f) a medical investigation of boxers who suffer knockouts numerous times.

158. The recommendations were codified as rules of the New York State Athletic Commission.

159. In or about 1952, the *Journal of the American Medical Association* published a study of encephalopathic changes in professional boxers.

160. That same year, an article published in the *New England Journal of Medicine* recommended a three-strike rule for concussions in football (*i.e.*, recommending that players cease to play football after receiving their third concussion.)

161. In 1962, Drs. Serel & Jaros looked at the heightened incidence of chronic encephalopathy in boxers and characterized the disease as a “Parkinsonian” pattern of progressive decline.

162. A 1963 study by Drs. Mawdsley & Ferguson published in *Lancet* found that some boxers sustain chronic neurological damages as a result of repeated head injuries. This damage manifested in the form of dementia and impairment of motor function.

163. A 1967 study Drs. Hughes & Hendrix examined brain activity impacts from football by utilizing EEG to read brain activity in game conditions, including after head trauma.

164. In 1969 (and then again in the 1973 book entitled *Head and Neck Injuries in Football*), a paper published in the *Journal of Medicine and Science in Sports* by a leading

medical expert in the treatment of head injuries, recommended that any concussive event with transitory loss of consciousness requires the removal of the football player from play and requires monitoring.

165. In 1973, Drs. Corsellis, Bruton, & Freeman-Browne studied the physical neurological impact of boxing. This study outlined the neuropathological characteristics of “Dementia Pugilistica,” including loss of brain cells, cerebral atrophy, and neurofibrillary tangles.

166. A 1975 study by Drs. Gronwall & Wrightson looked at the cumulative effects of concussive injuries in non-athletes and found that those who suffered two concussions took longer to recover than those who suffered from a single concussion. The authors noted that these results could be extrapolated to athletes given the common occurrence of concussions in sports.

167. In the 1960s and 70s, the development of the protective face mask in football allowed the helmeted head to be used as a battering ram. By 1975 the number of head and neck injuries from football that resulted in permanent quadriplegias in Pennsylvania and New Jersey lead to the creation of the National Football Head and Neck Registry, which was sponsored by the National Athletic Trainers Association and the Sports Medicine Center at the University of Pennsylvania.

168. In 1973, a potentially fatal condition known as “Second Impact Syndrome”—in which re-injury to the already-concussed brain triggers swelling that the skull cannot accommodate—was identified. It did not receive this name until 1984. Upon information and belief, Second Impact Syndrome has resulted in the deaths of at least forty football players.

169. Between 1952 and 1994, numerous additional studies were published in medical journals including the *Journal of the American Medical Association*, *Neurology*, the *New*

*England Journal of Medicine*, and *Lancet* warning of the dangers of single concussions, multiple concussions, and/or football-related head trauma from multiple concussions. These studies collectively established that:

- a. repetitive head trauma in contact sports, including boxing and football, has potential dangerous long-term effects on brain function;
- b. encephalopathy (dementia pugilistica) is caused in boxers by repeated sub-concussive and concussive blows to the head;
- c. acceleration and rapid deceleration of the head that results in brief loss of consciousness in primates also results in a tearing of the axons (brain cells) within the brainstem;
- d. with respect to mild head injury in athletes who play contact sports, there is a relationship between neurologic pathology and length of the athlete's career;
- e. immediate retrograde memory issues occur following concussions;
- f. mild head injury requires recovery time without risk of subjection to further injury;
- g. head trauma is linked to dementia;
- h. a football player who suffers a concussion requires significant rest before being subjected to further contact; and, minor head trauma can lead to neuropathological and neurophysiological alterations, including neuronal damage, reduced cerebral blood flow, altered brainstem evoked potentials and reduced speed of information processing.

170. In the early 1980s, the Department of Neurosurgery at the University of Virginia published studies on patients who sustained MTBI and observed long-term damage in the form of unexpected cognitive impairment. The studies were published in neurological journals and treatises within the United States.

171. In 1982, the University of Virginia and other institutions conducted studies on college football teams that showed that football players who suffered MTBI suffered pathological short-term and long-term damage. With respect to concussions, the same studies showed that a person who sustained one concussion was more likely to sustain a second, particularly if that person was not properly treated and removed from activity so that the concussion symptoms were allowed to resolve.

172. The same studies showed that two or more concussions close in time could have serious short-term and long-term consequences in both football players and other victims of brain trauma.

173. In 1986, Dr. Robert Cantu of the American College of Sports Medicine published *Concussion Grading Guidelines*, which he later updated in 2001.

174. By 1991, three distinct medical professionals/entities, all independent from the NFL—Dr. Robert Cantu of the American College of Sports Medicine, the American Academy of Neurology, and the Colorado Medical Society—developed return-to-play criteria for football players suspected of having sustained head injuries.

175. On information and belief, by 1991, the NCAA football conferences and individual college teams' medical staffs, along with many lower-level football groups (*e.g.*, high school, junior high school, and pee-wee league) had disseminated information and adopted criteria to protect football players even remotely suspected of having sustained concussions.

176. Further, Rule 4.2.14 of the World Boxing Council's Rules and Regulations states: “[b]oxers that suffered concussion by KO [loss of consciousness], should not participate in sparring sessions for 45 days and no less than 30 days after concussive trauma, including but not limited to KO's, and should not compete in a boxing match in less than 75 days.”

177. In 1999, the National Center for Catastrophic Sport Injury Research at the University of North Carolina conducted a study involving eighteen thousand (18,000) collegiate and high school football players. The research showed that once a player suffered one concussion, he was three times more likely to sustain a second in the same season.

178. In 1999, former Pittsburgh Steeler and Hall of Fame inductee Mike Webster filed with the NFL a request that he receive complete disability benefits based on the fact that he had sustained repeated and disabling head impacts while a player for the Steelers. In 1999, Webster submitted extensive medical reports and testimony that stated, among other things, that Webster suffered from “traumatic or punch drunk encephalopathy [brain disease]” sustained from playing football that left Webster totally and permanently disabled as of 1991.

179. The NFL’s own physician independently examined Webster and concluded that Webster was mentally “completely and totally disabled as of the date of his retirement and was certainly disabled when he stopped playing football sometime in 1990.”

180. Webster died in 2002 at the age of fifty. In December 2006, the Estate of Webster received an unpublished opinion from the United States Court of Appeals for the Fourth Circuit that affirmed the decision of the District Court that the administrator had wrongly denied him benefits. In its opinion, the Fourth Circuit stated that the NFL Plan had acknowledged that the multiple head injuries Webster sustained during his playing career (1974-1990) “. . . had caused Webster eventually to suffer total and permanent mental disability . . . .”

181. Thus, the NFL, through its own expert medical testimony and the expert testimony submitted by Webster knew and accepted that repetitive traumatic brain injuries sustained by a Hall of Fame player led to long-term encephalopathy and permanent mental disability.

182. A 2000 study, which surveyed 1,090 former NFL players, found that more than sixty (60) percent had suffered at least one concussion, and twenty-six (26) percent had suffered three (3) or more, during their careers. Those who had sustained concussions reported more problems with memory, concentration, speech impediments, headaches, and other neurological problems than those who had not been concussed.

183. Also in 2000, a study presented at the American Academy of Neurology's 52<sup>nd</sup> Annual Meeting and authored by Dr. Barry Jordan, Director of the Brain Injury Program at Burke Rehabilitation Hospital in White Plains, New York, and Dr. Julian Bailes, surveyed 1,094 former NFL players between the ages of 27 and 86 and found that: (a) more than 60% had suffered at least one concussion in their careers, with 26% of the players having three or more and 15% having five or more; (b) 51% had been knocked unconscious more than once; (c) 73% of those injured said they were not required to sit on the sidelines after their head trauma; (d) 49% of the former players had numbness or tingling; 28% had neck or cervical spine arthritis; 31% had difficulty with memory; 16% were unable to dress themselves; 11% were unable to feed themselves; and (3) eight suffered from Alzheimer's disease.

184. A 2001 report by Dr. Frederick Mueller that was published in the *Journal of Athletic Training* reported that a football-related fatality has occurred every year from 1945 through 1999, except for 1990. Head-related deaths accounted for 69% of football fatalities, cervical spinal injuries for 16.3%, and other injuries for 14.7%. High school football produced the greatest number of football head-related deaths. From 1984 through 1999, sixty-nine football head-related injuries resulted in permanent disability.

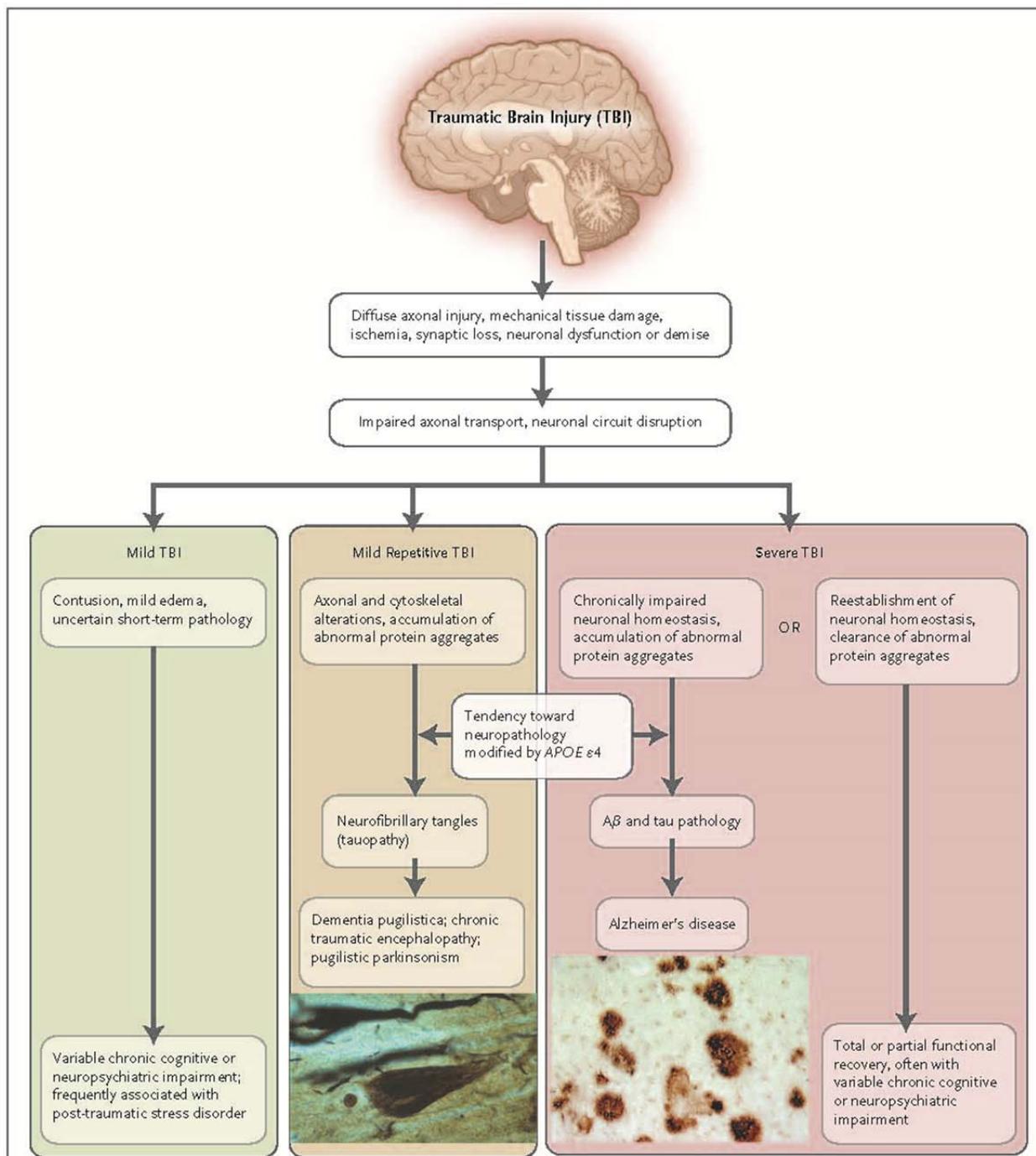
185. In 2004, a convention of neurological experts in Prague met with the aim of providing recommendations for the improvement of safety and health of athletes who suffer

concussive injuries in ice hockey, rugby, football, and other sports based on the most up-to-date research. These experts recommended that a player never be returned to play while symptomatic, and coined the phrase, “when in doubt, sit them out.”

186. This echoed similar medical protocol established at a Vienna conference in 2001. These two conventions were attended by predominately American doctors who were experts and leaders in the neurological field.

187. The University of North Carolina’s Center for the Study of Retired Athletes published survey-based papers in 2005 through 2007 that found a strong correlation between depression, dementia, and other cognitive impairment in NFL players and the number of concussions those players had received.

188. The chart on the following page, which was excerpted from an article in the 2010 *New England Journal of Medicine* entitled “Traumatic Brain Injury—Football, Warfare, and Long-Term Effects,” shows that even mild “traumatic brain injury” (“TBI”) can have lasting consequences that are manifest later in the football player’s life.



**Spectrum of Pathologic Features and Outcomes of Traumatic Brain Injury (TBI).**

In the left inset, Bielschowsky silver stain shows intraneuronal and extracellular neurofibrillary tangles in temporal cortex from a retired boxer with dementia pugilistica.<sup>1</sup> The right inset shows diffuse Aβ plaque deposits in temporal cortex from a subject who sustained severe TBI.<sup>2</sup>

189. A 2006 publication stated that “[a]ll standard U.S. guidelines, such as those first set by the American Academy of Neurology and the Colorado Medical Society, agree that athletes who lose consciousness should never return to play in the same game.”

190. Indeed, while the NFL knew for decades of the harmful effects of sub-concussive and concussive injuries on a player's brain, it actively concealed these facts from coaches, players, and the public.

191. On information and belief during every decade referenced above, the NFL was advised by physicians of all kinds regarding the risks associated with playing the game of football, including the risks associated with head impacts and MTBI.

192. As described above, the NFL has known for decades that MTBI can and does lead to long-term brain injury, including, but not limited to, memory loss, dementia, depression, and CTE and its related symptoms.

193. Rather than take immediate measures to protect NFL players from these known dangers, between the 1950s and 1994, the NFL failed to disseminate to then-current and former NFL players relevant health information it possessed regarding the significant risks associated with MTBI.

**The NFL Voluntarily Undertook the Responsibility of Studying Head Impacts in Football, Yet Fraudulently Concealed Their Long-Term Effects**

194. In 1994, then NFL commissioner Paul Tagliabue agreed to fund a committee to study the issue of head injury in the NFL. The NFL voluntarily and unilaterally formed the MTBI Committee to study the effects of concussions and sub-concussive injury on NFL players.

195. At that time, the current NFL Commissioner, Roger Goodell, was the NFL's Vice President and Chief Operating Officer.

196. With the MTBI Committee, the NFL voluntarily inserted itself into the private and public discussion and research on an issue that goes to the core safety risk for players who participate at every level of the game. Through its voluntary creation of the MTBI Committee, the NFL affirmatively assumed a duty to use reasonable care in the study of concussions and

post-concussion syndrome in NFL players; the study of any kind of brain trauma relevant to the sport of football; the use of information developed; and the publication of data and/or pronouncements from the MTBI Committee.

197. Rather than exercising reasonable care in these duties, the NFL immediately engaged in a long-running course of fraudulent and negligent conduct, which included a campaign of disinformation designed to (a) dispute accepted and valid neuroscience regarding the connection between repetitive traumatic brain injuries and concussions and degenerative brain disease such as CTE; and (b) to create a falsified body of research which the NFL could cite as proof that truthful and accepted neuroscience on the subject was inconclusive and subject to doubt.

198. The NFL's response to the issue of brain injuries and degenerative brain disease in retired NFL players has been, until very recently, a concerted effort of deception and denial. The NFL actively tried to and did conceal the extent of the concussion and brain trauma problem, the risk to the Plaintiffs, and the risks to anyone else who played football.

199. The NFL's unparalleled status in the world of football gave the MTBI Committee's pronouncements on concussions authority and validity. The Plaintiffs, therefore, reasonably relied on the NFL's pronouncements and/or silence on this vital health issue.

200. The MTBI Committee's stated goal was to present objective findings on the extent to which a concussion problem existed in the League, and to outline solutions. Ironically, the MTBI Committee's studies were supposed to be geared toward "improv[ing] player safety" and for the purpose of instituting "rule changes aimed at reducing head injuries."

201. By 1994, when the NFL formed the MTBI Committee, independent scientists and neurologists alike were already convinced that all concussions—even seemingly mild ones—

were serious injuries that can permanently damage the brain, impair thinking ability and memory, and hasten the onset of mental decay and senility, especially when they are inflicted frequently and without time to properly heal.

202. The MTBI Committee was publicized by the NFL as independent from the NFL, consisting of a combination of doctors and researchers.

203. The MTBI Committee, however, was not independent. It consisted of at least five (5) persons who were already affiliated with the NFL.

204. Instead of naming a noted neurologist to chair the MTBI Committee, or at least a physician with extensive training and experience treating head injuries, Commissioner Tagliabue appointed Dr. Elliot Pellman, a rheumatologist who lacked any specialized training or education relating to concussions, and who was a paid physician and trainer for the New York Jets.

205. Dr. Pellman had reportedly been fired by Major League Baseball for lying to Congress regarding his resume.

206. Dr. Pellman would chair the MTBI Committee from 1994-2007, and his leadership of the Committee came under frequent and harsh criticism related to his deficient medical training, background, and experience.

207. The fact that Dr. Pellman was a paid physician for an NFL Team was an obvious conflict of interest. At no time was Dr. Pellman independent of the NFL, because he was paid on an ongoing basis by an NFL Team.

208. The NFL failed to appoint any neuropathologist to the MTBI Committee.

209. From its inception in 1994, the MTBI Committee allegedly began conducting studies to determine the effect of concussions on the long-term health of NFL players.

210. Current NFL Commissioner Goodell confirmed this in June 2007 when he stated publicly that the NFL had been studying the effects of traumatic brain injury for “close to 14 years ....”

211. Under Dr. Pellman, the MTBI Committee spearheaded a disinformation campaign.

212. Dr. Pellman and two other MTBI Committee members, Dr. Ira Casson, a neurologist, and Dr. David Viano, a biomedical engineer, worked to discredit scientific studies that linked head impacts and concussions received by NFL players to neuro-cognitive disorders and disabilities.

213. The MTBI Committee did not publish its first findings on active players until 2003. In that publication, the MTBI Committee stated, contrary to years of (independent) findings, that there was no long term negative health consequence associated with concussions.

214. The MTBI Committee published its findings in a series of sixteen (16) papers between 2003 and 2009. According to the MTBI Committee, all of their findings supported a conclusion that there was no long term negative health consequence associated with concussions or sub-concussive injuries sustained by NFL players. These findings regularly contradicted the research and experiences of neurologists who treat sports concussions and the players who endured them.

215. Completely contrary to peer reviewed scientific publications, the NFL’s team of hand-picked so-called experts on the MTBI Committee did not find concussions to be of significant concern and felt it appropriate for players suffering a concussion to continue playing football during the same game or practice in which one was suffered. This recommendation and practice by the NFL, promoted by the MTBI Committee, was irresponsible and dangerous.

216. The MTBI Committee's methodology and the conclusions reached in its research were criticized by independent experts due to the numerous flaws in the study design, methodology, and interpretation of the data, which led to conclusions at odds with common medical knowledge and basic scientific protocol.

217. For example, in 2004 the MTBI Committee published a conclusion in which it claimed that its research found no risk of repeated concussions in players with previous concussions and that there was no "7-to-10 day window of increased susceptibility to sustaining another concussion."

218. In a comment to this publication, one independent doctor wrote that "[t]he article sends a message that it is acceptable to return players while still symptomatic, which contradicts literature published over the past twenty years suggesting that athletes be returned to play only after they are asymptomatic, and in some cases for seven days."

219. As a further example, an MTBI Committee conclusion in 2005 stated that "[p]layers who are concussed and return to the same game have fewer initial signs and symptoms than those removed from play. Return to play does not involve a significant risk of a second injury either in the same game or during the season." "These data suggest," the MTBI Committee reported, "that these players were at no increased risk" of subsequent concussions or prolonged symptoms such as memory loss, headaches, and disorientation.

220. Yet, a 2003 NCAA study of 2,905 college football players found just the opposite: "Those who have suffered concussions are more susceptible to further head trauma for seven to 10 days after the injury."

221. Support for this same conclusion was developed as early as 1982 in studies conducted at the University of Virginia.

222. Dr. Pellman and his group stated repeatedly that the NFL study showed “no evidence of worsening injury or chronic cumulative effects of multiple [MTBI] in NFL players.”

223. The 2003 report by the Center for the Study of Retired Athletes at the University of North Carolina, however, found a link between multiple concussions and depression among former professional players with histories of concussions. A 2005 follow-up study by the Center showed a connection between concussions and both brain impairment and Alzheimer’s disease among retired NFL players.

224. Other contrary conclusions that the MTBI Committee published at the behest, urging, and sponsorship of NFL over several years include, but are not limited to, the following:

- a. Drs. Pellman and Viano stated that because a “significant percentage of players returned to play in the same game [as they suffered a concussion] and the overwhelming majority of players with concussions were kept out of football-related activities for less than 1 week, it can be concluded that mild [TBIs] in professional football are not serious injuries”;
- b. that NFL players did not show a decline in brain function after a concussion;
- c. that there were no ill effects among those who had three (3) or more concussions or who took hits to the head that sidelined them for a week or more;
- d. that “no NFL player experienced the second-impact syndrome or cumulative encephalopathy from repeat concussions”; and
- e. that NFL players’ brains responded and healed faster than those of high school or college athletes with the same injuries.

225. The MTBI Committee’s papers and conclusions were against the weight of the scientific evidence and based on biased data-collection techniques. They received significant

criticism in the scientific and medical media from independent doctors and researchers and were met with skepticism in peer review segments following each article's publication.

226. Moreover, the conclusions of the MTBI Committee completely contradicted the medical testimony Hall of Fame player Mike Webster submitted to the NFL in his application for disability, including the testimony the NFL's own paid expert submitted in connection with Mr. Webster's application.

227. Renowned experts Dr. Robert Cantu and Dr. Julian Bailes wrote harshly critical reviews of the studies' conclusions.

228. Dr. Cantu observed that the extremely small sample size and voluntary participation in the NFL's study suggested there was bias in choosing the sample. According to Dr. Cantu, no conclusions should be drawn from the NFL study.

229. A different scientist who reviewed the MTBI Committee's work further stated that the NFL appeared to be primarily preparing a defense for when injured players eventually sued, and that it seemed to be promoting a flawed scientific study to justify its conclusion that concussions do not have adverse effects on players.

230. Dr. Kevin Guskiewicz has stated that the "data that hasn't shown up makes their work questionable industry-funded research."

231. The MTBI Committee's work was criticized when repeated inconsistencies and irregularities in the MTBI Committee's data were revealed.

232. The MTBI Committee failed to include hundreds of neuropsychological tests done on NFL players in the results of the Committee's studies on the effects of concussions and was selective in its use of injury reports.

233. The results reported by Dr. Pellman and the MTBI Committee selectively excluded at least 850 baseline tests. In a paper published in *Neurosurgery* in December 2004, Dr. Pellman and the other MTBI Committee members reported on the baseline data for 655 players and the results for 95 players who had undergone both baseline testing and post-concussion testing. They concluded that NFL players did not show a decline in brain function after suffering concussions. Their further analysis purportedly found no ill effects among those who had three or more concussions or who took hits to the head that kept them out for a week or more. The paper did not explain where the players in the study groups came from specifically or why certain player data was included and that data from hundreds of other players was not.

234. Pellman subsequently fired William Barr, a neuropsychologist for the New York Jets, after Dr. Barr presented at a conference some NCAA study findings that contradicted NFL practices.

235. As described in the following paragraphs, when faced with studies which tended to show a causal link between MTBI and cognitive degeneration, the NFL, through the MTBI Committee, produced contrary findings that were false, distorted, and deceptive to NFL players, participants in football nationwide, and the public at large.

236. Between 2002 and 2007, Dr. Bennet Omalu examined the brain tissue of deceased NFL players, including Mike Webster, Terry Long, Andre Waters, and Justin Strzelczyk. Dr. Omalu concluded that the players suffered from CTE.

237. All of these individuals suffered multiple concussions during their NFL careers. Later in life, each exhibited symptoms of deteriorated cognitive functions, paranoia, panic attacks, and depression.

238. Some of Dr. Omalu's findings were published in *Neurosurgery*. Those findings included that Webster's and Long's respective deaths were partially caused by CTE and were related to multiple concussions suffered during their activity in the NFL.

239. In response to Dr. Omalu's articles, the MTBI Committee wrote a letter to the editor of *Neurosurgery* asking that Dr. Omalu's article be retracted.

240. In an article published in *Neurosurgery* in 2007, Dr. Cantu reached a similar conclusion regarding Waters as Dr. Omalu had reached as to Webster and Long.

241. A 2003 study partially authored by Dr. Kevin Guskiewicz analyzed data from almost 2,500 retired NFL players and found that 263 of the retired players suffered from depression. The study found that having three or four concussions meant twice the risk of depression as never-concussed players and five or more concussions meant a nearly three-fold risk.

242. The NFL's MTBI Committee attacked these studies.

243. In November 2003, Dr. Guskiewicz was scheduled to appear on HBO's "Inside the NFL" to discuss his research. Dr. Pellman called Dr. Guskiewicz in advance and questioned whether it was in the best interest of Dr. Guskiewicz to appear on the program. On the program, Dr. Pellman stated unequivocally that he did not believe the results of the study led by Dr. Guskiewicz.

244. In 2005, Dr. Guskiewicz performed a clinical follow-up study, and found that retired players who sustained three or more concussions in the NFL had a five-fold prevalence of mild cognitive impairment in comparison to NFL retirees without a history of concussions. In doing this research, Dr. Guskiewicz conducted a survey of over 2,550 former NFL athletes.

245. The MTBI Committee attacked and sought to undermine the study, issuing the following excuse and delay tactic: “We want to apply scientific rigor to this issue to make sure that we’re really getting at the underlying cause of what’s happening. . . . You cannot tell that from a survey.”

246. In August 2007, the NFL, in keeping with its scheme of fraud and deceit, issued a concussion pamphlet to players which stated:

Current research with professional athletes has not shown that having more than one or two concussions leads to permanent problems if each injury is managed properly. It is important to understand that there is no magic number for how many concussions is too many. Research is currently underway to determine if there are any long-term effects of concussion[s] in NFL athletes.

247. In a statement made around the time that the concussion pamphlet was released, NFL Commissioner Roger Goodell said, “We want to make sure all NFL players . . . are fully informed and take advantage of the most up to date information and resources as we continue to study the long-term impact of concussions.” The NFL decided that the “most up to date information” did not include the various independent studies indicating a causal link between multiple concussions and cognitive decline in later life.

248. Goodell also stated, “[b]ecause of the unique and complex nature of the brain, our goal is to continue to have concussions managed conservatively by outstanding medical personnel in a way that clearly emphasizes player safety over competitive concerns.”

249. The Plaintiffs relied to their detriment on the NFL’s disinformation, all of which was contrary to the findings of the independent scientists who had studied the issue, including Drs. Guskiewicz, Cantu, Omalu, and Bailes, regarding the causal link between multiple head injuries and concussions and cognitive decline.

250. The NFL's conflict of interest and motive to suppress information regarding the risks of repetitive traumatic brain injuries and concussions was vividly demonstrated by Dr. Pellman's treatment of a concussion sustained by former star New York Jets player Wayne Chrebet. This occurred in 2003, the same time period when Dr. Pellman chaired the MTBI Committee.

251. In November 2003, Chrebet sustained a concussion from another player's knee to the back of his head. The impact left him face down on the field in an unconscious state for several minutes. Once Chrebet was on the sideline and conscious, Dr. Pellman administered tests. Dr. Pellman knew that Chrebet had sustained a concussion, but reportedly Chrebet performed adequately on standard memory tests. According to reports, Dr. Pellman asked Chrebet some questions, including whether he was "okay." Chrebet responded that he was. Reportedly, Dr. Pellman told Chrebet that, "This is very important for your career," and sent Chrebet back into the game. Shortly thereafter, Chrebet was diagnosed with post-concussion syndrome and kept out of games for the remainder of the 2003 season.

252. Today, Chrebet is 38 years old and reportedly suffers from depression and memory problems.

253. In 2005, the MTBI Committee published a paper that stated "[p]layers who are concussed and return to the same game have fewer initial signs and symptoms than those removed from play. Return to play does not involve a significant risk of a second injury either in the same game or during the season."

254. Facing increasing media scrutiny over the MTBI Committee's questionable studies, Dr. Pellman eventually resigned as chair of the Committee in February 2007. He was

replaced as chair by Dr. Ira Casson and Dr. David Viano, but remained a member of the Committee.

255. Dr. Guskiewicz, research director of the University of North Carolina's Center for the Study of Retired Athletes, said at the time that Dr. Pellman was "the wrong person to chair the committee from a scientific perspective and the right person from the league's perspective."

256. Regarding Dr. Pellman's work, Dr. Guskiewicz stated, "[w]e found this at the high school level, the college level and the professional level, that once you had a concussion or two you are at increased risk for future concussions," but "[Dr. Pellman] continued to say on the record that's not what they find and there's no truth to it."

257. Drs. Casson and Viano continued to dismiss outside studies and overwhelming evidence linking dementia and other cognitive decline to brain injuries. In 2007, in a televised interview on HBO's Real Sports, Dr. Casson unequivocally stated that there was no link between concussions and depression, dementia, Alzheimer's disease, or "anything like [that] whatsoever."

258. In June 2007, the NFL convened a concussion summit for team doctors and trainers. Independent scientists, including Drs. Cantu, and Guskiewicz, presented their research to the NFL.

259. Dr. Julian Bailes, a neurosurgeon from West Virginia University, briefed the MTBI Committee on the findings of Dr. Omalu and other independent studies linking multiple NFL head injuries with cognitive decline. Dr. Bailes recalled that the MTBI's Committee's reaction to his presentation was adversarial: "The Committee got mad . . . we got into it. And I'm thinking, 'This is a . . . disease in America's most popular sport and how are its leaders responding? Alienate the scientist who found it? Refuse to accept the science coming from him?'"

260. At the summit, Dr. Casson told team doctors and trainers that CTE has never been scientifically documented in football players.

261. After reviewing five years of data of on-field concussions, the NFL falsely concluded that there was no evidence for an increase in secondary brain injuries after a concussion.

262. In 2008, Boston University's Dr. Ann McKee found CTE in the brains of two more deceased NFL players, John Grimsley and Tom McHale. Dr. McKee stated, "the easiest way to decrease the incidence of CTE [in contact sport athletes] is to decrease the number of concussions." Dr. McKee further noted that "[t]here is overwhelming evidence that [CTE] is the result of repeated sub lethal brain trauma."

263. A MTBI Committee representative characterized each study as an "isolated incident" from which no conclusion could be drawn, and said he would wait to comment further until Dr. McKee's research was published in a peer-reviewed journal. When Dr. McKee's research was published in 2009, Dr. Casson asserted that "there is not enough valid, reliable or objective scientific evidence at present to determine whether . . . repeat head impacts in professional football result in long[-]term brain damage."

264. In 2008, under increasing pressure, the NFL commissioned the University of Michigan's Institute for Social Research to conduct a study on the health of retired players. Over 1,000 former NFL players took part in the study. The results of the study, released in 2009, reported that "Alzheimer's disease or similar memory-related diseases appear to have been diagnosed in the league's former players vastly more often than in the national population--- including a rate of 19 times the normal rate for men ages 30 through 49."

265. The NFL, who commissioned the study, responded to these results by claiming that the study was incomplete, and that further findings would be needed. NFL spokesperson Greg Aiello stated that the study was subject to shortcomings and did not formally diagnose dementia. Dr. Casson implied that the Michigan study was inconclusive and stated that further work was required. Other experts in the field found the NFL's reaction to be "bizarre," noting that "they paid for the study, yet they tried to distance themselves from it."

**The Congressional Inquiry and  
The NFL's Acknowledgement of the Concussion Crisis**

266. Shortly after the results of the Michigan study were released, Representative John Conyers, Jr., Chairman of the House Judiciary Committee, called for hearings on the impact of head injuries sustained by NFL players.

267. Drs. Cantu and McKee testified before the House of Representatives, Committee on the Judiciary, to discuss the long-term impact of football-related head injuries.

268. At the first hearing in October 2009, NFL Commissioner Roger Goodell acknowledged that the NFL owes a duty to the public at large to educate them as to the risks of concussions due to the League's unique position of influence: "In addition to our millions of fans, more than three million youngsters aged 6-14 play tackle football each year; more than one million high school players also do so and nearly seventy five thousand collegiate players as well. We must act in their best interests even if these young men never play professional football."

269. When Representative Linda Sanchez questioned Goodell about the limited nature of the NFL's purported studies on repetitive traumatic brain injuries and concussions, the conflicts of interest of those directing the studies, and the potential for bias, Goodell evaded answering the questions.

270. On December 17, 2009, Cincinnati Bengals wide receiver Chris Henry, 26, who played in the NFL from 2004 to 2009, died after falling from the back of a truck. Drs. Omalu and Bailes performed a postmortem study on Henry's brain and diagnosed him with CTE.

271. In January 2010, the House Judiciary Committee held further hearings on football player head injuries. Representative Conyers observed that "until recently, the NFL had minimized and disputed evidence linking head injuries to mental impairment in the future."

272. Representative Sanchez commented that "[i]t seems to me that the NFL has literally been dragging its feet on this issue until the past few years. Why did it take 15 years?"

273. In the 2010 Congressional hearings, Dr. Casson gave testimony that denied the validity of other non-NFL studies and stated that "[t]here is not enough valid, reliable or objective scientific evidence at present to determine whether or not repeat head impacts in professional football result in long term brain damage."

274. The members of the MTBI Committee, however, knew of the decades-old studies linking MTBI to long-term neurological problems. Casson, a MTBI Committee member since its inception, stated before Congress on January 4, 2010, that he was "the lead author of a landmark paper on brain damage in modern boxers that was published in the [Journal of the American Medical Association] in 1984." That paper, which referenced the many studies documenting CTE in boxers, studied eighteen former and active boxers and found that eighty-seven percent of the professional boxers had definite evidence of brain damage. Specifically, the study determined that the subjects performed particularly poorly on neuropsychological tests measuring short-term memory.

275. In his written statement to Congress, Casson stated that he has "been concerned about the possibility of long term effects on the brain related to football for close to thirty

years.” Dr. Casson offered that one of the reasons he “was asked to be on the NFL MTBI committee was because of [his] knowledge of and experience treating boxers with chronic traumatic encephalopathy (CTE).”

276. This testimony contradicted Casson’s testimony that “there is not enough valid, reliable or objective scientific evidence at present to determine whether or not repeat head impacts in professional football result in long term brain damage.”

277. On February 1, 2010, Dr. Omalu spoke before members of the House Judiciary Committee at a forum in Houston, Texas with regard to “Head and Other Injuries in Youth, High School, College, and Professional Football.” In his prepared testimony, he explained:

Glenn Pop Warner [1871 – 1954] founded the Pop Warner youth football league in 1929. He still remains one of the greatest football coaches in the history of American football. The single event, which necessitated the use of pads and helmets by football players took place in 1888 when the annual rules convention for the emerging sport of college football passed a rule permitting tackling below the waist.

Football changed dramatically. Teams no longer arrayed themselves across the entire breath of the field. Teams bunched themselves around the runner to block for him. The wedge and mass play arrived. Football became, for a time, a savage sport full of fights, brawling, even fatalities.”

In 1912, Pop Warner said: “Playing without helmets gives players more confidence, saves their heads from many hard jolts, and keeps their ears from becoming torn or sore. I do not encourage their use. I have never seen an accident to the head which was serious, but I have many times seen cases when hard bumps on the head so dazed the player receiving them that he lost his memory for a time and had to be removed from the game.”

We have known about concussions and the effects of concussions in football for over a century. Every blow to the head is dangerous. Repeated concussions and sub-concussions both have the capacity to cause permanent brain damage. During practice and during

games, a single player can sustain close to one thousand or more hits to the head in only one season without any documented or reported incapacitating concussion. Such repeated blows over several years, no doubt, can result in permanent impairment of brain functioning especially in a child.

278. After the Congressional hearings, the NFLPA called for the removal of Dr. Casson as MTBI Committee co-chair, and stated, “Our view is that he’s a polarizing figure on this issue, and the players certainly don’t feel like he can be an impartial party on this subject.”

279. In 2010, the NFL re-named the MTBI Committee the “Head, Neck, and Spine Medical Committee” (the “Medical Committee”) and announced that Dr. Pellman would no longer be a member of the panel. Drs. H. Hunt Batjer and Richard G. Ellenbogen were selected to replace Casson and Viano. The two new co-chairmen selected Dr. Mitchel S. Berger to serve on the new Medical Committee.

280. Under its new leadership, the Committee admitted that data collected by the NFL’s formerly appointed brain-injury leadership was “infected,” and said that their Committee should be assembled anew. The Medical Committee formally requested that Dr. Pellman not speak at one of its initial conferences.

281. During a May 2010 Congressional hearing, a Congressman made it plain to Drs. Batjer and Ellenbogen that the NFL: “[had] years of an infected system here, and your job is . . . to mop [it] up.”

282. Shortly after the May 2010 hearing, Dr. Batjer was quoted as admitting, “[w]e all had issues with some of the methodologies described, the inherent conflict of interest that was there in many areas, that was not acceptable by any modern standards or not acceptable to us. I wouldn’t put up with that, our universities wouldn’t put up with that, and we don’t want our professional reputations damaged by conflicts that were put upon us.”

283. In June 2010, scientific evidence linked multiple concussions to yet another degenerative brain disease—Amyotrophic Lateral Sclerosis (“ALS”), commonly referred to as “Lou Gehrig’s Disease.”

284. On February 17, 2011, former Chicago Bears and New York Giants player Dave Duerson committed suicide. Fifty years old at the time, Duerson had suffered months of headaches, blurred vision, and faltering memory.

285. Before his death, Duerson wrote a final note that asked that his brain be given to the NFL brain bank for evaluation. After his death, Dr. Cantu determined that Duerson was suffering from CTE.

286. When this information was reported, NFLPA Executive Director DeMaurice Smith stated that the fact that Duerson was suffering from CTE

makes it abundantly clear what the cost of football is for the men who played and the families. It seems to me that any decision or course of action that doesn’t recognize that as the truth is not only perpetuating a lie, but doing a disservice to what [Duerson] feared and what he wanted to result from the donation of his brain to science.

287. In July 2011, John Mackey, former tight end of the Baltimore Colts died. Mackey was diagnosed with front temporal lobe dementia in 2007, forcing him to live full-time in an assisted living facility.

#### **The NFL’s New Committee**

288. In October 2011, Dr. Mitchel Berger of the NFL’s new Head, Neck, and Spine Medical Committee announced that a new study was in the planning process. He admitted that the MTBI Committee’s previous long-range study was useless because “[t]here was no science in that.” Dr. Berger further stated that data from the previous study would not be used. “We’re

really moving on from that data. There's really nothing we can do with that data in terms of how it was collected and assessed."

289. Why in 1994 (and far earlier) the NFL (and its MTBI Committee) failed to share accurate information and take appropriate actions is difficult to comprehend in light of the fact that the NFL has known for decades that multiple blows to the head can lead to long-term brain injury, including memory loss, dementia, depression, and CTE and its related symptoms. Instead, the NFL misled players, coaches, trainers, and the public, and actively spread disinformation.

290. It took decades for the NFL to admit that there was a problem and sixteen years to admit that its information was false and inaccurate. The NFL's conduct in this regard is willful and wanton and exhibits a reckless disregard for the safety of its players and the public at large. At a minimum, the NFL acted with callous indifference to the duty it voluntarily assumed to the Plaintiffs and players at every level of the game.

291. As a direct result of the fraudulent concealment and misrepresentations by the NFL, former players have for many decades been led to believe that the symptoms of early-onset dementia, ALS, loss of memory, headaches, confusion, and the inability to function were not caused by events occurring while they played in the NFL. And, as a result of this willful and malicious conduct, these former players have been deprived of medical treatment, incurred expenses, lost employment, suffered humiliation, and sustained other damages to be specified.

**PLAINTIFF-SPECIFIC ALLEGATIONS**

***Plaintiff Clinton Portis's Concussion History in the NFL and Injuries***

292. Plaintiff Clinton Portis played in the NFL from 2002-2010.

293. Plaintiff Portis sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

294. Plaintiff Portis was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

295. At no time did the NFL Defendants inform Plaintiff Portis that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

296. As a result of the numerous concussions suffered during his playing career, Plaintiff Portis suffers from; *inter alia*, headaches. Plaintiff Portis is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Chris Akins's Concussion History in the NFL and Injuries***

297. Plaintiff Chris Akins played in the NFL from 1999 to 2004.

298. Plaintiff Akins sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

299. Plaintiff Akins was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

300. At no time did the NFL Defendants inform Plaintiff Akins that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

301. As a result of the numerous concussions suffered during his playing career,

Plaintiff Akins suffers from; *inter alia*, headaches, memory loss, anxiety, irritability, depression, focus and concentration problems and neck and cervical spine arthritis. Plaintiff Akins is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff David Ball's Concussion History in the NFL and Injuries***

302. Plaintiff David Ball played in the NFL from 2004-2012.

303. Plaintiff Ball sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

304. Plaintiff Ball was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

305. At no time did the NFL Defendants inform Plaintiff Ball that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

306. As a result of the numerous concussions suffered during his playing career, Plaintiff Ball suffers from; *inter alia*, anxiety and migraines. Plaintiff Ball is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Carlos Humberto Bradley's Concussion History in the NFL and Injuries***

307. Plaintiff Carlos Humberto Bradley played in the NFL from 1981-1985 and in 1987.

308. Plaintiff Bradley sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

309. Plaintiff Bradley was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

310. At no time did the NFL Defendants inform Plaintiff Bradley that he risked severe

and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

311. As a result of the numerous concussions suffered during his playing career, Plaintiff Bradley suffers from; *inter alia*, headaches and memory loss. Plaintiff Bradley is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Vincent B. Brown's Concussion History in the NFL and Injuries***

312. Plaintiff Vincent B. Brown played in the NFL from 1988-1995.

313. Plaintiff Brown sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

314. Plaintiff Brown was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

315. At no time did the NFL Defendants inform Plaintiff Brown that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

316. As a result of the numerous concussions suffered during his playing career, Plaintiff Brown suffers from; *inter alia*, insomnia, headaches and memory loss. Plaintiff Brown is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Romby Bryant's Concussion History in the NFL and Injuries***

317. Plaintiff Romby Bryant played in the NFL from 2004 to 2007.

318. Plaintiff Bryant sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

319. Plaintiff Bryant was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

320. At no time did the NFL Defendants inform Plaintiff Bryant that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

321. As a result of the numerous concussions suffered during his playing career, Plaintiff Bryant is also at heightened risk of developing adverse neurological symptoms in the future.

***Plaintiff William Bryant Jr.'s Concussion History in the NFL and Injuries***

322. Plaintiff William Bryant Jr. played in the NFL from 1974-1978.

323. Plaintiff Bryant sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

324. Plaintiff Bryant was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

325. At no time did the NFL Defendants inform Plaintiff Bryant that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

326. As a result of the numerous concussions suffered during his playing career, Plaintiff Bryant suffers from; *inter alia*, memory loss, focus and concentration problems and neuro-cognitive issues. Plaintiff Bryant is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Kendrick Burton's Concussion History in the NFL and Injuries***

327. Plaintiff Kendrick Burton played in the NFL from 1996-1997.

328. Plaintiff Burton sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

329. Plaintiff Burton was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

330. At no time did the NFL Defendants inform Plaintiff Burton that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

331. As a result of the numerous concussions suffered during his playing career, Plaintiff Burton suffers from; *inter alia*, headaches and insomnia. Plaintiff Burton is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Devin Bush's Concussion History in the NFL and Injuries***

332. Plaintiff Devin Bush played in the NFL from 1995-2002.

333. Plaintiff Bush sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

334. Plaintiff Bush was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

335. At no time did the NFL Defendants inform Plaintiff Bush that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

336. As a result of the numerous concussions suffered during his playing career, Plaintiff Bush suffers from; *inter alia*, headaches and memory loss. Plaintiff Bush is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Stanley Patrick Cobbs's Concussion History in the NFL and Injuries***

337. Plaintiff Stanley Patrick Cobbs played in the NFL from 2006-2011.

338. Plaintiff Cobbs sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

339. Plaintiff Cobbs was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

340. At no time did the NFL Defendants inform Plaintiff Cobbs that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

341. As a result of the numerous concussions suffered during his playing career, Plaintiff Cobbs suffers from; *inter alia*, headaches, numbness and tingling, dizziness, memory loss and mood swings. Plaintiff Cobbs is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Mike Compton's Concussion History in the NFL and Injuries***

342. Plaintiff Mike Compton played in the NFL from 1993-2005.

343. Plaintiff Compton sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

344. Plaintiff Compton was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

345. At no time did the NFL Defendants inform Plaintiff Compton that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

346. As a result of the numerous concussions suffered during his playing career,

Plaintiff Compton suffers from; *inter alia*, headaches, sleeping problems, short term memory, depression, mood swings, focus and concentration problems, anxiety and irritability. Plaintiff Compton is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Damion Cook's Concussion History in the NFL and Injuries***

347. Plaintiff Damion Cook played in the NFL from 2001-2005 and from 2008-2009.

348. Plaintiff Cook sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

349. Plaintiff Cook was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

350. At no time did the NFL Defendants inform Plaintiff Cook that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

351. As a result of the numerous concussions suffered during his playing career, Plaintiff Cook suffers from; *inter alia*, headaches, neck and cervical spine issues. Plaintiff Cook is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Curome Cox's Concussion History in the NFL and Injuries***

352. Plaintiff Curome Cox played in the NFL from 2004-2008.

353. Plaintiff Cox sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

354. Plaintiff Cox was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

355. At no time did the NFL Defendants inform Plaintiff Cox that he risked severe and

permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

356. As a result of the numerous concussions suffered during his playing career, Plaintiff Cox suffers from; *inter alia*, forgetfulness, sleep problems, numbness and tingling, focus and concentration problems and irritability. Plaintiff Cox is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Shadwick L. Criss's Concussion History in the NFL and Injuries***

357. Plaintiff Shadwick L. Criss played in the NFL in 2000.

358. Plaintiff Criss sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

359. Plaintiff Criss was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

360. At no time did the NFL Defendants inform Plaintiff Criss that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

361. As a result of the numerous concussions suffered during his playing career, Plaintiff Criss suffers from; *inter alia*, memory loss, numbness and tingling and depression. Plaintiff Criss is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Daunte Culpepper's Concussion History in the NFL and Injuries***

362. Plaintiff Daunte Culpepper played in the NFL from 1999-2009.

363. Plaintiff Culpepper sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

364. Plaintiff Culpepper was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

365. At no time did the NFL Defendants inform Plaintiff Culpepper that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

366. As a result of the numerous concussions suffered during his playing career, Plaintiff Culpepper suffers from; *inter alia*, headaches. Plaintiff Culpepper is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff William Duff's Concussion History in the NFL and Injuries***

367. Plaintiff William Duff played in the NFL from 1998-2000.

368. Plaintiff Duff sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

369. Plaintiff Duff was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

370. At no time did the NFL Defendants inform Plaintiff Duff that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

371. As a result of the numerous concussions suffered during his playing career, Plaintiff Duff suffers from; *inter alia*, tinnitus, hearing loss, headaches, numbness and tingling and insomnia. Plaintiff Duff is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Jarius Omar Hayes's Concussion History in the NFL and Injuries***

372. Plaintiff Jarius Omar Hayes played in the NFL from 1996-1999.

373. Plaintiff Hayes sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

374. Plaintiff Hayes was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

375. At no time did the NFL Defendants inform Plaintiff Hayes that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

376. As a result of the numerous concussions suffered during his playing career, Plaintiff Hayes suffers from; *inter alia*, memory loss. Plaintiff Hayes is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff John Tye Heath Hill's Concussion History in the NFL and Injuries***

377. Plaintiff John Tye Heath Hill played in the NFL from 2006-2010.

378. Plaintiff Hill sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

379. Plaintiff Hill was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

380. At no time did the NFL Defendants inform Plaintiff Hill that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

381. As a result of the numerous concussions suffered during his playing career, Plaintiff Hill suffers from; *inter alia*, memory loss, sleep problems, anxiety, irritability and mood

swings. Plaintiff Hill is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Abdul R. Hodge's Concussion History in the NFL and Injuries***

382. Plaintiff Abdul R. Hodge played in the NFL from 2006-2010.

383. Plaintiff Hodge sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

384. Plaintiff Hodge was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

385. At no time did the NFL Defendants inform Plaintiff Hodge that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

386. As a result of the numerous concussions suffered during his playing career, Plaintiff Hodge suffers from; *inter alia*, memory loss. Plaintiff Hodge is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Thomas T.J. Hollowell's Concussion History in the NFL and Injuries***

387. Plaintiff Thomas T.J. Hollowell played in the NFL from 2004 to 2005.

388. Plaintiff Hollowell sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

389. Plaintiff Hollowell was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

390. At no time did the NFL Defendants inform Plaintiff Hollowell that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

391. As a result of the numerous concussions suffered during his playing career, Plaintiff Hollowell suffers from; *inter alia*, headaches and insomnia. Plaintiff Hollowell is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Rashad Holman's Concussion History in the NFL and Injuries***

392. Plaintiff Rashad Holman played in the NFL from 2001-2003.

393. Plaintiff Holman sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

394. Plaintiff Holman was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

395. At no time did the NFL Defendants inform Plaintiff Holman that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

396. As a result of the numerous concussions suffered during his playing career, Plaintiff Holman suffers from; *inter alia*, memory loss. Plaintiff Holman is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Brian Lewis Howard's Concussion History in the NFL and Injuries***

397. Plaintiff Brian Lewis Howard played in the NFL from 2004 to 2005.

398. Plaintiff Howard sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

399. Plaintiff Howard was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

400. At no time did the NFL Defendants inform Plaintiff Howard that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The

NFL Defendants' failures were a substantial cause of his current injuries.

401. As a result of the numerous concussions suffered during his playing career, Plaintiff Howard suffers from; *inter alia*, memory loss. Plaintiff Howard is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Benjamin Ishola's Concussion History in the NFL and Injuries***

402. Plaintiff Benjamin Ishola played in the NFL from 2006-2008.

403. Plaintiff Ishola sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

404. Plaintiff Ishola was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

405. At no time did the NFL Defendants inform Plaintiff Ishola that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

406. As a result of the numerous concussions suffered during his playing career, Plaintiff Ishola suffers from; *inter alia*, memory loss, focus and concentration problems, mood swings, depression and sharp headaches. Plaintiff Ishola is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Pasha Aaron Jackson's Concussion History in the NFL and Injuries***

407. Plaintiff Pasha Aaron Jackson played in the NFL in 2006.

408. Plaintiff Jackson sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

409. Plaintiff Jackson was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

410. At no time did the NFL Defendants inform Plaintiff Jackson that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

411. As a result of the numerous concussions suffered during his playing career, Plaintiff Jackson suffers from; *inter alia*, memory loss. Plaintiff Jackson is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Chad Jackson's Concussion History in the NFL and Injuries***

412. Plaintiff Jackson played in the NFL from 2006 to 2011.

413. Plaintiff Jackson sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

414. Plaintiff Jackson was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

415. At no time did the NFL Defendants inform Plaintiff Jackson that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

416. As a result of the numerous concussions suffered during his playing career, Plaintiff Jackson suffers from; *inter alia*, focus and concentration problems. Plaintiff Jackson is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Corey La Vester Jenkins's Concussion History in the NFL and Injuries***

417. Plaintiff Corey La Vester Jenkins played in the NFL from 2003-2005.

418. Plaintiff Jenkins sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

419. Plaintiff Jenkins was returned to play too soon after having sustained these

concussions and subsequently suffered other head injuries or blows to the head.

420. At no time did the NFL Defendants inform Plaintiff Jenkins that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

421. As a result of the numerous concussions suffered during his playing career, Plaintiff Jenkins suffers from; *inter alia*, headaches and insomnia. Plaintiff Jenkins is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Bethel Johnson's Concussion History in the NFL and Injuries***

422. Plaintiff Bethel Johnson played in the NFL from 2003-2007.

423. Plaintiff Johnson sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

424. Plaintiff Johnson was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

425. At no time did the NFL Defendants inform Plaintiff Johnson that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

426. As a result of the numerous concussions suffered during his playing career, Plaintiff Johnson suffers from; *inter alia*, insomnia and memory loss. Plaintiff Johnson is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Doug Johnson's Concussion History in the NFL and Injuries***

427. Plaintiff Doug Johnson played in the NFL from 2000-2006.

428. Plaintiff Johnson sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

429. Plaintiff Johnson was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

430. At no time did the NFL Defendants inform Plaintiff Johnson that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

431. As a result of the numerous concussions suffered during his playing career, Plaintiff Johnson suffers from; *inter alia*, headaches, insomnia and memory loss. Plaintiff Johnson is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Paris Johnson's Concussion History in the NFL and Injuries***

432. Plaintiff Paris Johnson played in the NFL in 1999.

433. Plaintiff Johnson sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

434. Plaintiff Johnson was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

435. At no time did the NFL Defendants inform Plaintiff Johnson that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

436. As a result of the numerous concussions suffered during his playing career, Plaintiff Johnson suffers from; *inter alia*, headaches, memory loss, suicidal thoughts, focus and concentration problems, anxiety and severe depression. Plaintiff Johnson is also at heightened

risk of developing further adverse neurological symptoms in the future.

***Plaintiff Dwaune Jones' Concussion History in the NFL and Injuries***

437. Plaintiff Dwuane Jones played in the NFL from 2000 to 2002.

438. Plaintiff Jones sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

439. Plaintiff Jones was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

440. At no time did the NFL Defendants inform Plaintiff Jones that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

As a result of the numerous concussions suffered during his playing career, Plaintiff Jones suffers from; *inter alia*, headaches and memory loss. Plaintiff Jones is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Samuel Louis Joseph's Concussion History in the NFL and Injuries***

441. Plaintiff Samuel Louis Joseph played in the NFL 2007.

442. Plaintiff Joseph sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

443. Plaintiff Joseph was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

444. At no time did the NFL Defendants inform Plaintiff Joseph that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

445. As a result of the numerous concussions suffered during his playing career,

Plaintiff Joseph suffers from; *inter alia*, headaches, memory loss, insomnia, focus and concentration problems, dizziness, impulse control issues and depression. Plaintiff Joseph is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Ross Kolodziej's Concussion History in the NFL and Injuries***

446. Plaintiff Ross Kolodziej played in the NFL from 2001-2007.

447. Plaintiff Kolodziej sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

448. Plaintiff Kolodziej was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

449. At no time did the NFL Defendants inform Plaintiff Kolodziej that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

450. As a result of the numerous concussions suffered during his playing career, Plaintiff Kolodziej suffers from; *inter alia*, memory loss and headaches. Plaintiff Kolodziej is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Kyle Blaine Kosier's Concussion History in the NFL and Injuries***

451. Plaintiff Kyle Blaine Kosier played in the NFL from 2002-2011.

452. Plaintiff Kosier sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

453. Plaintiff Kosier was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

454. At no time did the NFL Defendants inform Plaintiff Kosier that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The

NFL Defendants' failures were a substantial cause of his current injuries.

455. As a result of the numerous concussions suffered during his playing career, Plaintiff Kosier suffers from; *inter alia*, insomnia and headaches. Plaintiff Kosier is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Kareem Larrimore's Concussion History in the NFL and Injuries***

456. Plaintiff Kareem Larrimore played in the NFL from 2000-2001.

457. Plaintiff Larrimore sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

458. Plaintiff Larrimore was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

459. At no time did the NFL Defendants inform Plaintiff Larrimore that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

460. As a result of the numerous concussions suffered during his playing career, Plaintiff Larrimore suffers from; *inter alia*, memory loss. Plaintiff Larrimore is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Anthonia Wayne "Amp" Lee's Concussion History in the NFL and Injuries***

461. Plaintiff Anthonia Wayne "Amp" Lee played in the NFL from 1992-2000.

462. Plaintiff Lee sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

463. Plaintiff Lee was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

464. At no time did the NFL Defendants inform Plaintiff Lee that he risked severe and

permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

465. As a result of the numerous concussions suffered during his playing career, Plaintiff Lee suffers from; *inter alia*, headaches and memory loss. Plaintiff Lee is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Dino Mangiero's Concussion History in the NFL and Injuries***

466. Plaintiff Dino Mangiero played in the NFL from 1980-1984 and in 1987

467. Plaintiff Mangiero sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

468. Plaintiff Mangiero was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

469. At no time did the NFL Defendants inform Plaintiff Mangiero that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

470. As a result of the numerous concussions suffered during his playing career, Plaintiff Mangiero suffers from; *inter alia*, memory loss. Plaintiff Mangiero is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Gregory Mark's Concussion History in the NFL and Injuries***

471. Plaintiff Gregory Mark played in the NFL in 1990.

472. Plaintiff Mark sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

473. Plaintiff Mark was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

474. At no time did the NFL Defendants inform Plaintiff Mark that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

475. As a result of the numerous concussions suffered during his playing career, Plaintiff Mark suffers from; *inter alia*, headaches, forgetfulness, focus and concentration problems, anxiety, irritability and mood swings. Plaintiff Mark is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Christopher Todd Massey's Concussion History in the NFL and Injuries***

476. Plaintiff Christopher Todd Massey played in the NFL from 2002-2011.

477. Plaintiff Massey sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

478. Plaintiff Massey was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

479. At no time did the NFL Defendants inform Plaintiff Massey that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

480. As a result of the numerous concussions suffered during his playing career, Plaintiff Massey suffers from; *inter alia*, headaches, blurry vision, sensitivity to light, anxiety and depression. Plaintiff Massey is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Jason Christopher McAddley's Concussion History in the NFL and Injuries***

481. Plaintiff Jason Christopher McAddley played in the NFL from 2002- 2007.

482. Plaintiff McAddley sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

483. Plaintiff McAddley was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

484. At no time did the NFL Defendants inform Plaintiff McAddley that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

485. As a result of the numerous concussions suffered during his playing career, Plaintiff McAddley suffers from; *inter alia*, headaches and memory loss. Plaintiff McAddley is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Darnerien McCants's Concussion History in the NFL and Injuries***

486. Plaintiff Darnerien McCants played in the NFL from 2001-2005 and in 2008.

487. Plaintiff McCants sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

488. Plaintiff McCants was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

489. At no time did the NFL Defendants inform Plaintiff McCants that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

490. As a result of the numerous concussions suffered during his playing career, Plaintiff McCants suffers from; *inter alia*, sensitivity to light, memory loss, numbness and tingling, mood swings, focus and concentration problems, hot sensations going down the back and unexplained anger at times. Plaintiff McCants is also at heightened risk of developing

further adverse neurological symptoms in the future.

***Plaintiff Prentice McCray's Concussion History in the NFL and Injuries***

491. Plaintiff Prentice McCray played in the NFL from 1974 to 1980.

492. Plaintiff McCray sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

493. Plaintiff McCray was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

494. At no time did the NFL Defendants inform Plaintiff McCray that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

495. As a result of the numerous concussions suffered during his playing career, Plaintiff McCray suffers from; *inter alia*, headaches. Plaintiff McCray is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Chris McGaha's Concussion History in the NFL and Injuries***

496. Plaintiff Chris McGaha played in the NFL in 2010.

497. Plaintiff McGaha sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

498. Plaintiff McGaha was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

499. At no time did the NFL Defendants inform Plaintiff McGaha that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

500. As a result of the numerous concussions suffered during his playing career,

Plaintiff McGaha suffers from; *inter alia*, memory loss. Plaintiff McGaha is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Jeremy M. McKinney's Concussion History in the NFL and Injuries***

501. Plaintiff Jeremy M. McKinney played in the NFL from 1998-2002.

502. Plaintiff McKinney sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

503. Plaintiff McKinney was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

504. At no time did the NFL Defendants inform Plaintiff McKinney that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

505. As a result of the numerous concussions suffered during his playing career, Plaintiff McKinney suffers from; *inter alia*, memory loss, neck and back problems, irritability, focus and concentration problems and numbness and tingling. Plaintiff McKinney is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Todd D. McNair's Concussion History in the NFL and Injuries***

506. Plaintiff Todd D. McNair played in the NFL from 1989-1996.

507. Plaintiff McNair sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

508. Plaintiff McNair was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

509. At no time did the NFL Defendants inform Plaintiff McNair that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The

NFL Defendants' failures were a substantial cause of his current injuries.

510. As a result of the numerous concussions suffered during his playing career, Plaintiff McNair suffers from; *inter alia*, headaches, memory loss, anxiety, irritability, sleep problems, depression, focus and concentration problems and impulse control issues. Plaintiff McNair is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Brandon Middleton's Concussion History in the NFL and Injuries***

511. Plaintiff Brandon Middleton played in the NFL from 2004 to 2008.

512. Plaintiff Middleton sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

513. Plaintiff Middleton was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

514. At no time did the NFL Defendants inform Plaintiff Middleton that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

515. As a result of the numerous concussions suffered during his playing career, Plaintiff Middleton suffers from; *inter alia*, vision problems. Plaintiff Middleton is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Basil Mitchell's Concussion History in the NFL and Injuries***

516. Plaintiff Basil Mitchell played in the NFL from 1999-2000.

517. Plaintiff Mitchell sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

518. Plaintiff Mitchell was returned to play too soon after having sustained these

concussions and subsequently suffered other head injuries or blows to the head.

519. At no time did the NFL Defendants inform Plaintiff Mitchell that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

520. As a result of the numerous concussions suffered during his playing career, Plaintiff Mitchell suffers from; *inter alia*, memory loss, headaches, depression, mood swings, focus and concentration problems, impulse control issues and numbness and tingling. Plaintiff Mitchell is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Glenn Rashad Moore's Concussion History in the NFL and Injuries***

521. Plaintiff Glenn Rashad Moore played in the NFL from 2003-2004 and from 2006-2008.

522. Plaintiff Moore sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

523. Plaintiff Moore was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

524. At no time did the NFL Defendants inform Plaintiff Moore that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

525. As a result of the numerous concussions suffered during his playing career, Plaintiff Moore suffers from; *inter alia*, headaches and memory loss. Plaintiff Moore is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Kenneth Michael Moore's Concussion History in the NFL and Injuries***

526. Plaintiff Kenneth Michael Moore played in the NFL from 2000 to 2005.

527. Plaintiff Moore sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

528. Plaintiff Moore was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

529. At no time did the NFL Defendants inform Plaintiff Moore that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

530. As a result of the numerous concussions suffered during his playing career, Plaintiff Moore suffers from; *inter alia*, headaches, memory loss, focus and concentration problems, sleeping problems, anxiety, irritability and numbness and tingling. Plaintiff Moore is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Robert S. Moore's Concussion History in the NFL and Injuries***

531. Plaintiff Robert S. Moore played in the NFL from 1990-2002.

532. Plaintiff Moore sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

533. Plaintiff Moore was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

534. At no time did the NFL Defendants inform Plaintiff Moore that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

535. As a result of the numerous concussions suffered during his playing career,

Plaintiff Moore suffers from; *inter alia*, headaches, light sensitivity and forgetfulness. Plaintiff Moore is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Roderick Louis Mullen's Concussion History in the NFL and Injuries***

536. Plaintiff Roderick Louis Mullen played in the NFL from 1995-1999.

537. Plaintiff Mullen sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

538. Plaintiff Mullen was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

539. At no time did the NFL Defendants inform Plaintiff Mullen that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

540. As a result of the numerous concussions suffered during his playing career, Plaintiff Mullen suffers from; *inter alia*, headaches, memory loss, sleeping problems, numbness and tingling, anxiety, irritability, depression, tinnitus and sensitivity to light. Plaintiff Mullen is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Chad A. Mustard's Concussion History in the NFL and Injuries***

541. Plaintiff Chad A. Mustard played in the NFL from 2002-2008.

542. Plaintiff Mustard sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

543. Plaintiff Mustard was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

544. At no time did the NFL Defendants inform Plaintiff Mustard that he risked severe

and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

545. As a result of the numerous concussions suffered during his playing career, Plaintiff Mustard suffers from; *inter alia*, headaches. Plaintiff Mustard is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Jerel Myers's Concussion History in the NFL and Injuries***

546. Plaintiff Jerel Myers played in the NFL from 2003-2005.

547. Plaintiff Myers sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

548. Plaintiff Myers was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

549. At no time did the NFL Defendants inform Plaintiff Myers that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

550. As a result of the numerous concussions suffered during his playing career, Plaintiff Myers suffers from; *inter alia*, headaches, numbness and tingling and forgetfulness. Plaintiff Myers is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Reginald Myles's Concussion History in the NFL and Injuries***

551. Plaintiff Reginald Myles played in the NFL from 2002-2005.

552. Plaintiff Myles sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

553. Plaintiff Myles was returned to play too soon after having sustained these

concussions and subsequently suffered other head injuries or blows to the head.

554. At no time did the NFL Defendants inform Plaintiff Myles that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

555. As a result of the numerous concussions suffered during his playing career, Plaintiff Myles suffers from; *inter alia*, memory loss. Plaintiff Myles is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Brandon Noble's Concussion History in the NFL and Injuries***

556. Plaintiff Brandon Noble played in the NFL from 1997-2005.

557. Plaintiff Noble sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

558. Plaintiff Noble was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

559. At no time did the NFL Defendants inform Plaintiff Noble that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

560. As a result of the numerous concussions suffered during his playing career, Plaintiff Noble suffers from; *inter alia*, headaches and memory loss. Plaintiff Noble is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff David Nugent's Concussion History in the NFL and Injuries***

561. Plaintiff David Nugent played in the NFL from 2000-2002.

562. Plaintiff Nugent sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

563. Plaintiff Nugent was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

564. At no time did the NFL Defendants inform Plaintiff Nugent that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

565. As a result of the numerous concussions suffered during his playing career, Plaintiff Nugent suffers from; *inter alia*, headaches. Plaintiff Nugent is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Chijioke "Chukie" Nwokorie's Concussion History in the NFL and Injuries***

566. Plaintiff Chijioke "Chukie" Nwokorie played in the NFL from 1999-2004.

567. Plaintiff Nwokorie sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

568. Plaintiff Nwokorie was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

569. At no time did the NFL Defendants inform Plaintiff Nwokorie that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

570. As a result of the numerous concussions suffered during his playing career, Plaintiff Nwokorie suffers from; *inter alia*, memory loss, hearing loss, and mood swings. Plaintiff Nwokorie is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Joseph Odom's Concussion History in the NFL and Injuries***

571. Plaintiff Joseph Odom played in the NFL from 2003-2005.

572. Plaintiff Odom sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

573. Plaintiff Odom was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

574. At no time did the NFL Defendants inform Plaintiff Odom that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

575. As a result of the numerous concussions suffered during his playing career, Plaintiff Odom suffers from; *inter alia*, headaches, memory loss, focus and concentration problems, anxiety, insomnia and depression. Plaintiff Odom is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Tom Orosz's Concussion History in the NFL and Injuries***

576. Plaintiff Tom Orosz played in the NFL from 1981 to 1985.

577. Plaintiff Orosz sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

578. Plaintiff Orosz was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

579. At no time did the NFL Defendants inform Plaintiff Orosz that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

580. As a result of the numerous concussions suffered during his playing career,

Plaintiff Orosz suffers from; *inter alia*, headaches, memory loss, insomnia, focus and concentration problems, anxiety and depression. Plaintiff Orosz is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Anthony Parker's Concussion History in the NFL and Injuries***

581. Plaintiff Anthony Parker played in the NFL from 1999-2003.

582. Plaintiff Parker sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

583. Plaintiff Parker was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

584. At no time did the NFL Defendants inform Plaintiff Parker that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

585. As a result of the numerous concussions suffered during his playing career, Plaintiff Parker suffers from; *inter alia*, headaches. Plaintiff Parker is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Bernard Parmalee's Concussion History in the NFL and Injuries***

586. Plaintiff Bernard Parmalee played in the NFL from 1992-2001.

587. Plaintiff Parmalee sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

588. Plaintiff Parmalee was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

589. At no time did the NFL Defendants inform Plaintiff Parmalee that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion.

The NFL Defendants' failures were a substantial cause of his current injuries.

590. As a result of the numerous concussions suffered during his playing career, Plaintiff Parmalee suffers from; *inter alia*, headaches, memory loss, sleeping problems and concentration problems. Plaintiff Parmalee is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Henry "Hank" Poteat's Concussion History in the NFL and Injuries***

591. Plaintiff Henry "Hank" Poteat played in the NFL from 2000-2009.

592. Plaintiff Poteat sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

593. Plaintiff Poteat was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

594. At no time did the NFL Defendants inform Plaintiff Poteat that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

595. As a result of the numerous concussions suffered during his playing career, Plaintiff Poteat suffers from; *inter alia*, memory loss, insomnia and headaches. Plaintiff Poteat is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Andre Purvis's Concussion History in the NFL and Injuries***

596. Plaintiff Andre Purvis played in the NFL from 1997-1999.

597. Plaintiff Purvis sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

598. Plaintiff Purvis was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

599. At no time did the NFL Defendants inform Plaintiff Purvis that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

600. As a result of the numerous concussions suffered during his playing career, Plaintiff Purvis suffers from; *inter alia*, bi-polar, depression, forgetfulness, headaches, focus and concentration problems, numbness and tingling, anxiety and irritability. Plaintiff Purvis is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Scott Radecic's Concussion History in the NFL and Injuries***

601. Plaintiff Scott Radecic played in the NFL from 1984-1995.

602. Plaintiff Radecic sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

603. Plaintiff Radecic was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

604. At no time did the NFL Defendants inform Plaintiff Radecic that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

605. As a result of the numerous concussions suffered during his playing career, Plaintiff Radecic suffers from; *inter alia*, memory loss. Plaintiff Radecic is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Raleigh Roundtree's Concussion History in the NFL and Injuries***

606. Plaintiff Raleigh Roundtree played in the NFL from 1997-2003.

607. Plaintiff Roundtree sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

608. Plaintiff Roundtree was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

609. At no time did the NFL Defendants inform Plaintiff Roundtree that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

610. As a result of the numerous concussions suffered during his playing career, Plaintiff Roundtree suffers from; *inter alia*, headaches. Plaintiff Roundtree is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Timothy Ruddy's Concussion History in the NFL and Injuries***

611. Plaintiff Timothy Ruddy played in the NFL from 1994-2003.

612. Plaintiff Ruddy sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

613. Plaintiff Ruddy was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

614. At no time did the NFL Defendants inform Plaintiff Ruddy that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

615. As a result of the numerous concussions suffered during his playing career, Plaintiff Ruddy suffers from; *inter alia*, headaches, insomnia and memory loss. Plaintiff Ruddy is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Michael Rumph's Concussion History in the NFL and Injuries***

616. Plaintiff Michael Rumph played in the NFL from 2002 to 2007.

617. Plaintiff Rumph sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

618. Plaintiff Rumph was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

619. At no time did the NFL Defendants inform Plaintiff Rumph that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

620. As a result of the numerous concussions suffered during his playing career, Plaintiff Rumph suffers from; *inter alia*, headaches, memory loss, focus and concentration problems and anxiety. Plaintiff Rumph is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Christopher S. Scott's Concussion History in the NFL and Injuries***

621. Plaintiff Christopher S. Scott played in the NFL from 1984-1990.

622. Plaintiff Scott sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

623. Plaintiff Scott was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

624. At no time did the NFL Defendants inform Plaintiff Scott that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

625. As a result of the numerous concussions suffered during his playing career,

Plaintiff Scott suffers from; *inter alia*, memory loss and focus and concentration problems. Plaintiff Scott is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Kevin Scott's Concussion History in the NFL and Injuries***

626. Plaintiff Kevin Scott played in the NFL from 1991-1994.

627. Plaintiff Scott sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

628. Plaintiff Scott was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

629. At no time did the NFL Defendants inform Plaintiff Scott that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

630. As a result of the numerous concussions suffered during his playing career, Plaintiff Scott suffers from; *inter alia*, memory loss. Plaintiff Scott is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Timothy Seder's Concussion History in the NFL and Injuries***

631. Plaintiff Timothy Seder played in the NFL from 2000-2002 and in 2006.

632. Plaintiff Seder sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

633. Plaintiff Seder was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

634. At no time did the NFL Defendants inform Plaintiff Seder that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The

NFL Defendants' failures were a substantial cause of his current injuries.

635. As a result of the numerous concussions suffered during his playing career, Plaintiff Seder suffers from; *inter alia*, insomnia, headaches and memory loss. Plaintiff Seder is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Joshua Shaw's Concussion History in the NFL and Injuries***

636. Plaintiff Joshua Shaw played in the NFL from 2002-2008.

637. Plaintiff Shaw sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

638. Plaintiff Shaw was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

639. At no time did the NFL Defendants inform Plaintiff Shaw that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

640. As a result of the numerous concussions suffered during his playing career, Plaintiff Shaw suffers from; *inter alia*, headaches, anxiety, irritability, forgetfulness, focus and concentration problems, tinnitus and sensitivity to light. Plaintiff Shaw is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Elliot Eric Silvers's Concussion History in the NFL and Injuries***

641. Plaintiff Elliot Eric Silvers played in the NFL in 2001.

642. Plaintiff Silvers sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

643. Plaintiff Silvers was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

644. At no time did the NFL Defendants inform Plaintiff Silvers that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

645. As a result of the numerous concussions suffered during his playing career, Plaintiff Silvers suffers from; *inter alia*, headaches, memory loss, anxiety, insomnia, focus and concentration problems, numbness and tingling and depression. Plaintiff Silvers is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Travian Smith's Concussion History in the NFL and Injuries***

646. Plaintiff Travian Smith played in the NFL from 1998-2004.

647. Plaintiff Smith sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

648. Plaintiff Smith was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

649. At no time did the NFL Defendants inform Plaintiff Smith that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

650. As a result of the numerous concussions suffered during his playing career, Plaintiff Smith suffers from; *inter alia*, headaches and memory loss. Plaintiff Smith is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Blane E. Smith's Concussion History in the NFL and Injuries***

651. Plaintiff Blane E. Smith played in the NFL in 1977.

652. Plaintiff Smith sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

653. Plaintiff Smith was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

654. At no time did the NFL Defendants inform Plaintiff Smith that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

655. As a result of the numerous concussions suffered during his playing career, Plaintiff Smith suffers from; *inter alia*, memory loss. Plaintiff Smith is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Otis Smith's Concussion History in the NFL and Injuries***

656. Plaintiff Otis Smith played in the NFL from 1991 to 2003.

657. Plaintiff Smith sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

658. Plaintiff Smith was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

659. At no time did the NFL Defendants inform Plaintiff Smith that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

660. As a result of the numerous concussions suffered during his playing career, Plaintiff Smith suffers from; *inter alia*, memory loss, headaches and insomnia. Plaintiff Smith is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Freddie Lee Solomon Jr.'s Concussion History in the NFL and Injuries***

661. Plaintiff Freddie Lee Solomon Jr. played in the NFL from 1995-1998.

662. Plaintiff Solomon sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

663. Plaintiff Solomon was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

664. At no time did the NFL Defendants inform Plaintiff Solomon that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

665. As a result of the numerous concussions suffered during his playing career, Plaintiff Solomon suffers from; *inter alia*, headaches and memory loss. Plaintiff Solomon is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Stephen Spach's Concussion History in the NFL and Injuries***

666. Plaintiff Stephen Spach played in the NFL in 2005 and from 2007-2012.

667. Plaintiff Spach sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

668. Plaintiff Spach was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

669. At no time did the NFL Defendants inform Plaintiff Spach that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

670. As a result of the numerous concussions suffered during his playing career, Plaintiff Spach suffers from; *inter alia*, headaches, forgetfulness, anxiety, depression and

sleeping problems (nightmares). Plaintiff Spach is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Leonard Stephens Jr.'s Concussion History in the NFL and Injuries***

671. Plaintiff Leonard Stephens Jr. played in the NFL from 2000-2008.

672. Plaintiff Stephens sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

673. Plaintiff Stephens was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

674. At no time did the NFL Defendants inform Plaintiff Stephens that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

675. As a result of the numerous concussions suffered during his playing career, Plaintiff Stephens suffers from; *inter alia*, headaches and memory loss. Plaintiff Stephens is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Howard M. Stevens Jr.'s Concussion History in the NFL and Injuries***

676. Plaintiff Stevens played in the NFL from 1973-1977.

677. Plaintiff Stevens sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

678. Plaintiff Stevens was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

679. At no time did the NFL Defendants inform Plaintiff Stevens that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

680. As a result of the numerous concussions suffered during his playing career, Plaintiff Stevens is at heightened risk of developing adverse neurological symptoms in the future.

***Plaintiff Craig Swoope Sr.'s Concussion History in the NFL and Injuries***

681. Plaintiff Craig Swoope Sr. played in the NFL from 1986-1988.

682. Plaintiff Swoope sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

683. Plaintiff Swoope was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

684. At no time did the NFL Defendants inform Plaintiff Swoope that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

685. As a result of the numerous concussions suffered during his playing career, Plaintiff Swoope suffers from; *inter alia*, memory loss. Plaintiff Swoope is also at heightened risk of developing further adverse neurological symptoms in the future.\

***Plaintiff Edward Thomas's Concussion History in the NFL and Injuries***

686. Plaintiff Edward Thomas played in the NFL from 1990-1992.

687. Plaintiff Thomas sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

688. Plaintiff Thomas was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

689. At no time did the NFL Defendants inform Plaintiff Thomas that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

690. As a result of the numerous concussions suffered during his playing career, Plaintiff Thomas suffers from; *inter alia*, headaches, memory loss, anxiety, irritability and mood swings. Plaintiff Thomas is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Derrick Ward's Concussion History in the NFL and Injuries***

691. Plaintiff Derrick Ward played in the NFL from 2004-2012.

692. Plaintiff Ward sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

693. Plaintiff Ward was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

694. At no time did the NFL Defendants inform Plaintiff Ward that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

695. As a result of the numerous concussions suffered during his playing career, Plaintiff Ward suffers from; *inter alia*, headaches, memory loss, anxiety, focus and concentration problems, problems sleeping and depression. Plaintiff Ward is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Fred Williams's Concussion History in the NFL and Injuries***

696. Plaintiff Fred Williams played in the NFL from 1977-1980.

697. Plaintiff Williams sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

698. Plaintiff Williams was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

699. At no time did the NFL Defendants inform Plaintiff Williams that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

700. As a result of the numerous concussions suffered during his playing career, Plaintiff Williams suffers from; *inter alia*, headaches, memory loss, anxiety, irritability, neck and cervical spine issues and depression. Plaintiff Williams is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Carnell "Cadillac" Williams' Concussion History in the NFL and Injuries***

701. Plaintiff Carnell "Cadillac" Williams played in the NFL from 2005 to 2011.

702. Plaintiff Williams sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

703. Plaintiff Williams was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

704. At no time did the NFL Defendants inform Plaintiff Williams that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

705. As a result of the numerous concussions suffered during his playing career, Plaintiff Williams suffers from; *inter alia*, insomnia and memory loss. Plaintiff Williams is also at heightened risk of developing further adverse neurological symptoms in the future.

***Plaintiff Jerron Wishom's Concussion History in the NFL and Injuries***

706. Plaintiff Jerron Wishom played in the NFL from 2005-2008.

707. Plaintiff Wishom sustained mild traumatic brain injuries caused by concussive and sub-concussive impacts while playing in the NFL.

708. Plaintiff Wishom was returned to play too soon after having sustained these concussions and subsequently suffered other head injuries or blows to the head.

709. At no time did the NFL Defendants inform Plaintiff Wishom that he risked severe and permanent brain damage by returning to play too soon after sustaining a concussion. The NFL Defendants' failures were a substantial cause of his current injuries.

710. As a result of the numerous concussions suffered during his playing career, Plaintiff Wishom is at heightened risk of developing adverse neurological symptoms in the future.

**COUNT I**  
**ACTION FOR DECLARATORY RELIEF – LIABILITY**  
**(Against the NFL on behalf of all Plaintiffs)**

711. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

712. There is a case and controversy among Plaintiffs on the one hand and the NFL on the other.

713. Pursuant to 28 U.S.C. § 2201, Plaintiffs seeks a declaration as to the following:

- a. that the Defendant NFL knew or reasonably should have known, at all times material, that the repeated traumatic head impacts the Plaintiffs endured while playing NFL football were likely to expose them to excess risk to neurodegenerative disorders and diseases, including but not limited to CTE, Alzheimer's disease or similar cognitive-impairing conditions;
- b. that based on the Defendant NFL's voluntary undertaking to study the issue of MTBI, it had a duty to advise Plaintiffs of that heightened risk;

- c. that Defendant NFL willfully and intentionally concealed from and misled the Plaintiffs concerning that risk; and
- d. that Defendant NFL recklessly endangered Plaintiffs.

**COUNT II**  
**MEDICAL MONITORING**  
**(Against the NFL on behalf of all Plaintiffs)**

714. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

715. The Plaintiffs experienced repetitive traumatic brain impacts during their respective NFL careers that significantly increased their risk of developing neurodegenerative disorders and diseases, including but not limited to CTE, Alzheimer's disease, and other similar cognitive-impairing conditions.

716. Repetitive MTBI during NFL practices and games has a microscopic and latent effect on the brain. Repetitive exposure to accelerations to the head causes deformation, twisting, shearing, and stretching of neuronal cells such that multiple forms of damage take place, including the release of small amounts of chemicals within the brain, such as the Tau protein. Among other things, the gradual build-up of Tau protein – sometimes over decades -- causes CTE, which is the same phenomenon as boxer's encephalopathy (or "punch drunk syndrome") studied and reported by Harrison Martland in 1928.

717. The game of football as played in the NFL, including both practices and game play, has exposed former players to hazardous conditions and out-of-the ordinary risks of harm. These repetitive head accelerations to which the Plaintiffs have been exposed presented risks of latent but long-term debilitating chronic illnesses which are not presented to the normal population. Absent the defendant's negligence, fraud, and misrepresentations, the Plaintiffs' exposure to the risks of harm as described above would have been materially lower.

718. Accordingly, the repetitive head impacts sustained by NFL players in NFL games and practices exposed NFL players, including the Plaintiffs, to subtle and repetitive changes within the brain on the cellular level. For that reasons, the environment within which NFL players have sustained repetitive head impacts exposed them to substantive hazards.

719. Depending on many factors, including the amount of the exposure to repetitive head impacts and the release of Tau protein, the player/victim will develop a range of subtle to significant neuro-cognitive changes over time.

720. The latent injuries which develop over time and manifest later in life include but are not limited to varying forms of neuro-cognitive disability, decline, personality change, mood swings, rage, and, sometimes, fully developed encephalopathy.

721. Like the organizers of boxing, the NFL was fully aware of the danger of exposing all NFL players to repetitive head impacts, including the repetitive sub-concussive and concussive blows that increase the risk to NFL players of, among other latent injuries, encephalopathy.

722. As noted above, by its actions and omissions and fraudulent conduct, from 1994 through 2010, the NFL further breached its duty (which it had assumed as long ago as the 1930s) of reasonable and ordinary care to the Plaintiffs by failing to provide NFL players, including the Plaintiffs, with necessary, adequate, and truthful information about the heightened risks of neurological damage that arise from repetitive head impacts during NFL games and practices.

723. As a proximate result of the NFL's tortious conduct, the Plaintiffs have experienced an increased risk of developing serious latent neurodegenerative disorders and diseases, including but not limited to CTE, Alzheimer's disease, and/or other and similar cognitive-impairing conditions.

724. The latent brain injuries from which Plaintiffs suffer require specialized testing (with resultant treatment) that is not generally given to the public at large.

725. The available monitoring regime is specific for individuals exposed to repetitive head trauma and is different from that normally recommended in the absence of exposure to this risk of harm.

726. The medical monitoring regime includes, but is not limited to, baseline tests and diagnostic examinations which will assist in diagnosing the adverse health effects associated with football-related MTBI. This diagnosis will facilitate the treatment and behavioral and/or pharmaceutical interventions that will prevent or mitigate various adverse consequences of the latent neurodegenerative disorders and diseases associated with the repetitive sub-concussive and concussive injuries that Plaintiffs experienced in the NFL.

727. The available monitoring regime is reasonably necessary according to contemporary scientific principles within the medical community specializing in the diagnosis of head injuries and their potential link to, *inter alia*, memory loss, impulse rage, depression, early-onset dementia, CTE, Alzheimer-like syndromes, and similar cognitive-impairing conditions.

728. By monitoring and testing Plaintiffs, the risk that Plaintiffs will suffer long term injuries, disease, and losses will be significantly reduced.

729. By monitoring and testing Plaintiffs, the risk that Plaintiffs will suffer long term injuries, disease, and losses without adequate treatment will be significantly reduced.

730. Plaintiffs, therefore, seek an injunction creating a Court-supervised, NFL-funded medical monitoring program which will facilitate the diagnosis and adequate treatment of Plaintiffs for neurodegenerative disorder or disease. The medical monitoring should include a

trust fund to pay for the medical monitoring and treatment of Plaintiffs as frequently and appropriately as necessary.

731. Plaintiffs have no adequate remedy at law in that monetary damages alone cannot compensate them for the continued risk of developing long-term physical and economic losses due to concussions and sub-concussive injuries. Without Court-approved medical monitoring as described herein, or established by the Court, the Plaintiffs will continue to face an unreasonable risk of continued injury and disability.

**COUNT III**  
**FRAUDULENT CONCEALMENT**  
**(Against the NFL on behalf of all Plaintiffs)**

732. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

733. Between the early 1950s and 1994, the NFL knew that repetitive head impacts in football games and full-contact practices created a risk of harm to NFL players that was similar or identical to the risk of harm to, for example, boxers who receive repetitive impacts to the head during boxing practices and matches.

734. The NFL has been aware of and understood the significance of the published medical literature dating from as early as the 1920s that there is a serious risk of short-term and long-term brain injury associated with repetitive traumatic impacts to the head to which NFL players are exposed.

735. During that time period, the NFL knowingly and fraudulently concealed from then-current NFL players and former NFL players the risks of head injuries in NFL games and practices, including the risks associated with returning to physical activity too soon after sustaining a sub-concussive or concussive injury.

736. From 1994 through June of 2010, the NFL's fraudulent concealment continued. During that time period, the NFL voluntarily funded and produced its own purported scientific research and through that research repeatedly misrepresented to then-current and former NFL players, the United States Congress, and the general public that there is no link (or an insufficient scientific link) between MTBI in NFL activities and later-in-life cognitive/brain injury, including CTE and its related symptoms.

737. Given the NFL's superior and unique vantage point, the Plaintiffs reasonably looked to the NFL for guidance on head injuries and concussions.

738. The NFL's MTBI Committee published articles and the concussion pamphlet referenced above, all of which concealed and minimized the risks of repetitive brain impacts the NFL knew existed for its then-current players and for its former players, who reasonably relied on the NFL's pronouncements and/or silence on this vital health issue.

739. The NFL's concussion pamphlet created an atmosphere of trust that the NFL had carefully undertaken its voluntary responsibility to research, test, study, and report accurate findings to the players and former players. The NFL stated that "[w]e want to make sure all NFL players ... are fully informed and take advantage of the most up to date information and resources as we continue to study the long-term impact of concussions."

740. The concealment was ongoing. Dr. Casson provided oral and written testimony at the 2010 congressional hearings in which he continued to deny the validity of other studies. Dr. Casson also denied the link between repetitive brain impacts and short- and long-term brain damage in public interviews.

741. The NFL, therefore, concealed material facts and information with the intent to deceive and defraud, which caused Plaintiffs to become exposed to the harm referenced above.

For those Plaintiffs who had retired prior to the above-mentioned misrepresentations, the NFL's concerted concealment of the risks to which they had been exposed on the playing field delayed their ability to plan for the future of themselves and their families and to seek appropriate treatment of their latent neurodegenerative conditions.

742. The NFL knew and expected that Plaintiffs would rely on the inaccurate information provided by the NFL, and Plaintiffs in fact did reasonably rely on the inaccurate information provided by the NFL during and after their NFL careers.

743. As a direct and proximate result of the NFL's fraudulent conduct, Plaintiffs have suffered physical injury, including, but not limited to, existing and latent cognitive conditions that create memory loss, diminished cognitive function, non-economic losses, and economic losses.

744. As a direct and proximate result of the NFL's willful concealment, Plaintiffs have suffered and will continue to suffer substantial injuries, emotional distress, pain and suffering, and economic and non-economic damages that are ongoing and continuing in nature.

745. As a result of the NFL's misconduct as alleged herein, the NFL is liable to Plaintiffs for, and Plaintiffs seek, the full measure of damages allowed under applicable law.

**COUNT IV**  
**FRAUD**  
**(Against the NFL on behalf of all Plaintiffs)**

746. Plaintiffs incorporate by reference paragraphs 1 through 737 and 765 through 769 set forth above as if fully set forth herein.

747. At least since the early 1950s the NFL knew that repetitive head impacts in football games and full-contact practices created a risk of harm to NFL players that was similar

or identical to the risk of harm to boxers who receive the same or similar repetitive impacts to the head during boxing practices and matches.

748. The NFL knew that the risks of brain injury could be reduced by implementing changes to the game, akin to the ones the NFL belatedly adopted in 2011, such as (1) the baseline cognitive testing of players for comparison purposes during and after contact play, (2) the active monitoring of players for signs of MTBI, (3) the employment of a neurologist on the sidelines, and (4) return-to-play rules consistent with proper medical management of MTBI.

749. The NFL, however, withheld the information it knew about the risks of head injuries in the game from then-current NFL players and former NFL players and ignored the known risks to all NFL players.

750. On information and belief, the NFL deliberately delayed implementing the changes to the game it knew could reduce players' exposure to the risk of life-altering head injuries because those changes would be expensive and would reduce the profitability of the League.

751. The NFL has been aware of and understood the significance of the published medical literature dating from as early as the 1920s that there is a serious risk of short-term and long-term brain injury associated with repetitive traumatic impacts to the head to which NFL players are exposed.

752. The NFL and its agents -- employed to formulate the MTBI committee and populate the published scientific literature with "studies" intent on disputing the conclusions of independent researchers regarding the long-term chronic disabilities and injuries associated with head injury -- made these material misrepresentations with the intent to defraud the Plaintiffs.

753. Given the NFL's superior and unique vantage point, the Plaintiffs reasonably looked to the NFL for guidance on head injuries and concussions.

754. During that time period, the NFL knowingly and fraudulently concealed from then-current NFL players and former NFL players the risks of head injuries in NFL games and practices, including the risks associated with returning to physical activity too soon after sustaining a sub-concussive or concussive injury.

755. The NFL, however, withheld this information from then-current NFL players and former NFL players and ignored the known risks to all NFL players.

756. Beginning in 1994, the NFL and its agents funded and created a falsified body of purported scientific research that misrepresented to then-current NFL players, all former NFL players, the United States Congress, and the general public that there was no scientifically proven link between repetitive sub-concussive and concussive injuries sustained during football and brain injury, including but not limited to CTE and its related symptoms.

757. The NFL and its agents -- employed to formulate the MTBI Committee and populate the published scientific literature with "studies" intent on disputing the conclusions of independent researchers regarding the long-term chronic disabilities and injuries associated with head injury -- made these material misrepresentations with the intent to defraud the Plaintiffs.

758. During their playing days and after their retirement from the NFL, the Plaintiffs justifiably and reasonably relied on the NFL's omissions and misrepresentations to their detriment.

759. As a result of the NFL's misconduct as alleged herein, the NFL is liable to Plaintiffs.

760. The Plaintiffs were damaged by the NFL's misconduct. They have suffered and will continue to suffer substantial injuries, emotional distress, pain and suffering, and economic and non-economic damages that are ongoing and continuing in nature.

761. As a result of the NFL's fraud, the NFL is liable to Plaintiffs for, and Plaintiffs seek, the full measure of damages allowed under applicable law.

**COUNT V**  
**NEGLIGENT MISREPRESENTATION**  
**(Against the NFL on behalf of all Plaintiffs)**

762. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

763. A special relationship exists between the NFL and the Plaintiffs sufficient to impose a duty on the NFL to disclose accurate information to the Plaintiffs.

764. Prior to 1994, the NFL knew that repetitive head impacts in football games and practices created a risk of harm to NFL players that was similar or identical to the risk of harm to boxers who receive repetitive impacts to the head during boxing practices and matches.

765. Prior to 1994, the NFL was aware of and understood the significance of the published medical literature demonstrating the serious risk of both short-term and long-term adverse consequences from the kind of repetitive traumatic impacts to the head to which NFL players were exposed.

766. The NFL, however, withheld this information from NFL players and ignored the risks to NFL players.

767. Before June of 2010, the NFL made material misrepresentations to its players, former players, the United States Congress, and the public at large that there was no

scientifically proven link between repetitive traumatic head impacts and later-in-life cognitive/brain injury, including CTE and its related symptoms.

768. Defendant NFL, therefore, misrepresented the dangers the Plaintiffs faced in returning to action after sustaining a head injury and the long-term effects of continuing to play football after a head injury.

769. The NFL's MTBI Committee made public statements, published articles, and issued the concussion pamphlet to its players, which the NFL knew or should have known were misleading, downplaying and obfuscating to NFL players the true and serious risks of repetitive traumatic head impacts.

770. The MTBI Committee made material misrepresentations on multiple occasions, including but not limited to testimony at congressional hearings and other information issued to current and former NFL Players.

771. The Plaintiffs' reliance on the NFL was reasonable, given the NFL's superior and unique vantage point on these issues.

772. The Defendant's misrepresentations included the false statement that present NFL players were not at an increased risk of short-term and long-term adverse consequences if they returned too soon to an NFL games or practices after suffering head trauma and, therefore, that former players had not been exposed to such increased risk during their time in the NFL.

773. The NFL's misrepresentations included ongoing and baseless criticism of legitimate scientific studies that set forth the dangers and risks of head impacts which NFL players regularly sustained.

774. The NFL made these misrepresentations and actively concealed true information at a time when it knew, or should have known, because of its superior position of knowledge,

that the Plaintiffs faced serious health problems if they returned to a game too soon after sustaining a concussion.

775. The NFL knew or should have known the misleading nature of their statements when they were made.

776. The NFL made the misrepresentations and actively concealed information knowing that the Plaintiffs would and did rely on the misrepresentations or omissions in, among other things, how the Plaintiffs addressed the concussive and sub-concussive injuries they sustained. For those Plaintiffs who had retired prior to the above-mentioned misrepresentations, the NFL's concerted concealment of the risks to which they had been exposed on the playing field delayed their ability to plan for the future of themselves and their families and to seek appropriate treatment of their latent neurodegenerative conditions.

777. As a result of the NFL's misrepresentations, it is liable to Plaintiffs.

778. As a direct and proximate result of the NFL's negligent misrepresentations, Plaintiffs have suffered and continue to suffer serious personal injury, including neuro-cognitive brain disease and associated damages including mental disability, loss of income, pain and suffering, emotional distress, and loss of consortium. Plaintiffs seek the full measure of damages allowed under applicable law.

**COUNT VI**  
**NEGLIGENCE: POST-1968 CONDUCT OF THE NFL**  
**(Against the NFL on behalf of all Plaintiffs)**

779. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

780. Increasingly, during the 1970s, 1980s and 1990s, the defendant NFL (and the marketing arm of the NFL) marketed the game of football as acceptably violent, and it rewarded

its most violent players. This marketing technique was directed to the general public, the football community of players associated with organized football from sandlot to college. In pursuing these concerted marketing techniques, the defendant NFL knew or should have known that its conflation of concussive-inducing violence with heroism would induce NFL players and those who aspired to play in the NFL to play with reckless violence.

781. In its marketing scheme, the defendant NFL developed print and film packages that were widely distributed throughout the United States to media outlets and organized football programs as a powerful method to convince current players and those in college and high school football that the greater the hit the bigger the accolades.

782. In the early 1990s, the NFL voluntarily undertook to study the issue of neurocognitive injuries in former NFL players.

783. In 1994, in connection with that voluntary undertaking, the NFL created the aforementioned MTBI Committee.

784. The NFL recognized that its voluntary undertaking to study and report information about the effect of head impacts on NFL players would not just be for the benefit of then-present and former NFL players alone. Since the NFL is the most prominent and influential entity in the sport of football, the NFL knew or should have known that its MTBI Committee's statements would have a broad public impact.

785. By voluntarily undertaking to study and report on the issue of the neurocognitive effects of head impacts in professional football, the NFL assumed a duty to exercise reasonable care in the MTBI Committee's work and the NFL and its agents' public statements about the substance of the Committee's work.

786. However, the MTBI Committee negligently performed the NFL's voluntarily undertaken research mission.

787. In addition, from 1994 through June of 2010, the NFL and its MTBI Committee made material misrepresentations to players, former players, the United States Congress, and the public at large that there was no scientifically valid link between repetitive traumatic head impacts and later-in-life cognitive/brain injury, including CTE and its related symptoms.

788. The NFL's failure to exercise reasonable care in its voluntarily assumed duty increased the risk that the Plaintiffs would suffer long-term neurocognitive injuries.

789. The Plaintiffs reasonably relied to their detriment on the NFL's actions and omissions on the subject.

790. Under all of the above circumstances, it was foreseeable that the NFL's failure to exercise reasonable care in the execution of its voluntarily undertaken duties would cause or substantially contribute to the personal injuries suffered by the Plaintiffs.

791. The NFL's failure to exercise reasonable care in the execution of its voluntarily undertaken duties proximately caused or contributed to Plaintiffs' injuries.

792. As a result of the NFL's negligence, the NFL is liable to Plaintiffs, and the Plaintiffs are entitled to, and seek, all damages allowed by applicable law.

**COUNT VII**  
**NEGLIGENCE: CONDUCT OF THE NFL (BETWEEN 1987 AND 1993)**  
**(Against the NFL on behalf of all Plaintiffs who played in the NFL**  
**any time between 1987 and 1993)**

793. Plaintiffs incorporate by reference paragraphs 1-13, 19-20, 22(a)-22(b), 23-129, 131-138, 140-176, and 179-220 set forth above as if fully set forth herein.

794. This Count relates to the misconduct of the NFL during the years 1987 and 1993, and pertains only to Plaintiffs who played in the NFL during this time period.

795. During this time period, the NFL actively recognized its common law duties (described in Count VI above) and continued, albeit negligently, to carry them out.

796. Consequently, each factual and legal claim set forth in Count VI set forth above (with the exception of any paragraphs pertaining to conduct after 1993) is incorporated by reference herein as if they were set forth at length.

**COUNT VIII**  
**NEGLIGENCE: POST-1994 CONDUCT OF THE NFL**  
**(Against the NFL on behalf of all Plaintiffs who played in the NFL**  
**any time in 1994 or after)**

797. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above, with the exception of paragraphs 6-12, 14, 19, 116, 157 and 159-180.

798. Increasingly, during the 1970s, 1980s and 1990s, the defendant NFL (and the marketing arm of the NFL) marketed the game of football as acceptably violent, and it rewarded its most violent players. This marketing technique was directed to the general public, the football community of players associated with organized football from sandlot to college. In pursuing these concerted marketing techniques, the defendant NFL knew or should have known that its conflation of concussive-inducing violence with heroism would induce NFL players and those who aspired to play in the NFL to play with reckless violence.

799. In its marketing scheme, the defendant NFL developed print and film packages that were widely distributed throughout the United States to media outlets and organized football programs as a powerful method to convince current players and those in college and high school football that the greater the hit, the bigger the accolades.

800. Notwithstanding the NFL's monetization of violence, in the early 1990s, the NFL voluntarily undertook to study the issue of neurocognitive injuries in former NFL players.

801. In 1994, in connection with that voluntary undertaking, the NFL created the aforementioned MTBI Committee.

802. The NFL recognized that its voluntary undertaking to study and report information about the effect of head impacts on NFL players would not just be for the benefit of then-present and former NFL players alone. Since the NFL is the most prominent and influential entity in the sport of football, the NFL knew or should have known that its MTBI Committee's statements would have a broad public impact.

803. By voluntarily undertaking to study and report on the issue of the neurocognitive effects of head impacts in professional football, the NFL assumed a duty to exercise reasonable care in the MTBI Committee's work and the NFL and its agents' public statements about the substance of the Committee's work.

804. However, the MTBI Committee negligently performed the NFL's voluntarily undertaken research mission.

805. In addition, from 1994 through June of 2010, the NFL and its MTBI Committee made material misrepresentations to players, former players, the United States Congress, and the public at large that there was no scientifically valid link between repetitive traumatic head impacts and later-in-life cognitive/brain injury, including CTE and its related symptoms.

806. The NFL's failure to exercise reasonable care in its voluntarily assumed duty increased the risk that the Plaintiffs would suffer long-term neurocognitive injuries.

807. Given the NFL's superior and unique vantage point on the issue of head injuries and concussions, the Plaintiffs reasonably relied to their detriment on the NFL's actions and omissions on the subject.

808. Under all of the above circumstances, it was foreseeable that the NFL's failure to exercise reasonable care in the execution of its voluntarily undertaken duties would cause or substantially contribute to the personal injuries suffered by the Plaintiffs.

809. The NFL's failure to exercise reasonable care in the execution of its voluntarily undertaken duties proximately caused or contributed to Plaintiffs' injuries.

810. As a result of the NFL's negligence, the NFL is liable to Plaintiffs, and the Plaintiffs are entitled to, and do seek, all damages allowed by applicable law.

**COUNT IX**  
**LOSS OF CONSORTIUM**  
**(Against the NFL Defendants on behalf of Plaintiff Spouses)**

811. Plaintiffs and Plaintiffs' Spouses incorporate by reference as if fully set forth herein paragraphs applicable to the Counts they or their spouses have pled.

812. As a result of the NFL Defendants' misconduct, the NFL Defendants are liable to Plaintiffs' Spouses.

813. As a direct and proximate result of the intentional misconduct, carelessness, negligence, and recklessness of the NFL Defendants, the Plaintiffs have sustained the aforesaid injuries, and the Plaintiffs' Spouses have been damaged as follows:

- a. They have been and will continue to be deprived of the services, society and companionship of their respective husbands;
- b. They have, will be and will continue to be required to spend money for medical care and household care for the treatment of their respective husbands; and
- c. They have been and will continue to be deprived of the earnings of their respective husbands.

814. As a result of the injuries, the Plaintiffs' Spouses are entitled to damages, as alleged herein or allowed by law.

**COUNT X**  
**NEGLIGENT HIRING**  
**(Against the NFL on behalf of all Plaintiffs)**

815. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

816. The NFL voluntarily and gratuitously inserted itself into the business of studying (and subsequently rendering expert opinions about) the relationship between repetitive head impacts in football and brain injury.

817. In doing so, the NFL assumed a duty to the Plaintiffs and the general public to retain and employ persons within the MTBI Committee who were professionally competent to study and render opinions on the relationship between repetitive head impacts in football and brain injury and to ensure that those whom it hired had no conflict of interest and that each had the professional and personal qualifications to conduct those studies and render opinions that were scientifically rigorous, valid, defensible, and honest.

818. The NFL breached its duty to the Plaintiffs and the general public by hiring persons who:

- a. were unqualified;
- b. were not competent to engage in rigorous and defensible scientific research;
- c. were not competent to render valid and defensible opinions;
- d. created fraudulent industry-funded research; and/or
- e. attacked as not credible the valid and defensible research and opinions generated by neuro-scientists who were unconnected to and not paid by the NFL.

819. The NFL's negligence in this regard resulted in a body of falsified industry-funded research that purposefully and/or negligently contested and suppressed valid and truthful bio-medical science. The NFL's negligence allowed the MTBI Committee to use falsified industry-funded research to mislead the Plaintiffs, other former NFL players, and the general public regarding the risks associated with repetitive head impacts in the game of football.

820. As a result of the NFL's negligence, the Plaintiffs have sustained brain injuries that are progressive and latent and did not take protective measures or seek the diagnosis and treatment they would have sought had they been told the truth.

**COUNT XI**  
**NEGLIGENT RETENTION**  
**(Against the NFL on behalf of all Plaintiffs)**

821. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

822. The NFL knew or should have known that the controlling members of the MTBI Committee demonstrated an ongoing lack of competence, objectivity and inadequate judgment to study and render expert opinions on the issue of the relationship between repetitive head impacts in football and brain injury.

823. The NFL voluntarily assumed a duty to the Plaintiffs and the general public not to allow those incompetent persons it had hired within the MTBI Committee to continue to conduct incompetent and falsified studies and render incompetent opinions on the relationship between repetitive head impacts in football and brain injury.

824. During the time period when the MTBI Committee was conducting its purported research and rendering its purported opinions, the NFL knew or should have known that the purported research and opinions of the MTBI Committee were false and indefensible.

825. The NFL breached its duty to the Plaintiffs and the general public by allowing these incompetent and unqualified persons, under the auspices and with the imprimatur of the NFL:

- a. to continue to create incompetent and indefensible research,
- b. to continue to render invalid and indefensible opinions, and
- c. to continue to attack the credible and defensible research and opinions of neuro-scientists not connected to or paid by the NFL.

826. The NFL's negligence allowed the incompetent members of the MTBI Committee to continue to advance their false and incompetent research and opinions in an attempt to suppress valid bio-medical science. The NFL's negligence allowed the MTBI Committee members to mislead the Plaintiffs, other former NFL players, and the general public regarding the permanent brain injury risks associated with repetitive head impacts in the game of football.

827. As a result of the NFL's failure, the Plaintiffs have sustained brain injuries that are progressive and latent and did not take protective measures or seek the diagnosis and treatment they would have sought had they been told the truth.

**COUNT XII**  
**CIVIL CONSPIRACY/FRAUDULENT CONCEALMENT**  
**(Against the NFL Defendants on behalf of all Plaintiffs)**

828. Plaintiffs incorporate by reference paragraphs 1 through 737 set forth above as if fully set forth herein.

829. For decades, the named Defendants, along with others who were employed by the NFL, including those who participated in the NFL MTBI Committee, acted in concert to perpetrate the fraudulent concealment of the connection between repetitive MTBI and long-term neuro-cognitive damage, illness, and decline.

830. The named Defendants, along with those who participated in the concerted efforts referenced above, knowingly failed to disclose and/or made continuing misrepresentations of material fact that there was an absence of any scientific basis to believe that repetitive MTBI created any known long-term neuro-cognitive risks to NFL players. That misconduct by the named Defendants exposed Plaintiffs to an increased risk of brain injury and was the proximate cause of the Plaintiffs' brain injuries.

831. Plaintiffs have suffered personal injuries as a result of the named Defendants' concerted activities.

**PRAYER FOR RELIEF**

WHEREFORE, the Plaintiffs and Plaintiffs' Spouses pray for judgment as follows:

- A. Declaratory relief requested pursuant to 28 USC § 2201 against the NFL;
- B. Granting an injunction and/or other equitable relief against the NFL and in favor of Plaintiffs for the requested medical monitoring;
- C. Granting Plaintiffs and Plaintiffs' Spouses an award of compensatory and punitive damages against the NFL Defendants;
- D. With respect to all counts, awarding Plaintiffs and Plaintiffs' Spouses such other and further relief as may be appropriate; and
- E. Granting an award to all Plaintiffs and Plaintiffs' Spouses of prejudgment interest, costs, and attorneys' fees.

**JURY DEMAND**

Plaintiffs and Plaintiffs' Spouses hereby demand a trial by jury on all matters so triable.

DATED this 12th day of August, 2013.

Respectfully submitted,

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