

CHAPTER 12

Natural History of Cerebral Palsy

ABSTRACT: The natural course of CP has changed greatly during the past 50 years. If appropriate health care is available, affected children without significant comorbidities have actuarial survival approaching that of the general population.

An understanding of the natural history of CP is essential for a proper prognosis and provision of support services. The natural history of untreated CP is one of progressive deterioration. It has been shown that without intervention, detrimental changes in gait and function will occur over time span as short as 1.5 years. The impact of skeletal growth during childhood can compound the primary neurological problem if muscles fail to lengthen in proportion to their adjacent long bones; and spastic muscles have been shown to grow more slowly than normal. Therefore, although CP is by definition a static neurological lesion and a disorder of motor function, the phenotype has also been labelled a 'progressive neuromuscular deformity'. During adolescent growth spurt, many patients gain substantial weight, their gait worsens and become wheelchair bound. Important items include prognosis for life expectancy, walking, and hand function. The symptoms range from a mild gait abnormality to profound total body involvement. The standardized mortality ratios for CP in all ages, is significantly raised. There is a sharp fall in SMR after 14 years though mortality remains higher from ischemic heart disease and cancer than in the general population.

KEYWORDS Predicting the ability to walk, Walking beyond the second decade of life, Hand function: use it or lose it, Life expectancy, Quality of life and costs of caring, Medicolegal aspects

An understanding of the natural history of CP is essential for a proper prognosis and provision of support services. The natural history of untreated CP is one of progressive deterioration. It has been shown that without intervention, detrimental changes in gait and function will occur over time span as short as 1.5 years. During adolescent growth spurt, many patients gain substantial weight, their gait worsens and become wheel-chair bound. Important items include prognosis for life expectancy, walking, and hand function.

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if muscles fail to lengthen in proportion to their adjacent long bones; and spastic muscles have been shown to grow more slowly than normal. Therefore, although CP is by definition a static neurological lesion and a disorder of motor function, the phenotype has also been labeled a 'progressive neuromuscular deformity' (Graham 2002). The symptoms range from a mild gait abnormality to profound total body involvement.

Survival

Children with total body involvement and bulbar difficulties, necessitating alternative feeding, are

Natural History Of Cerebral Palsy

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Natural History Of Cerebral Palsy:

The Top Books of the Year Natural History Of Cerebral Palsy The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the fascinating narratives that have enthralled audiences this year. Natural History Of Cerebral Palsy : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can prevail. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Natural History Of Cerebral Palsy : Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and thrilling novel that will keep you wondering until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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