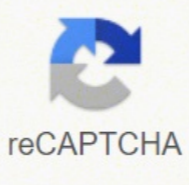
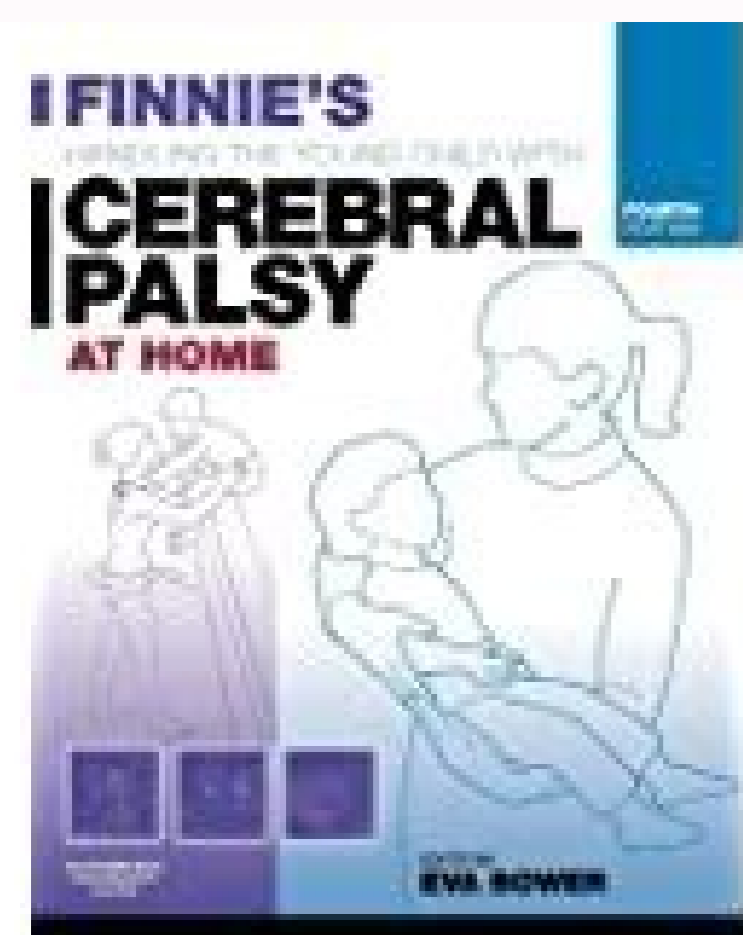




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# Cerebral Palsy

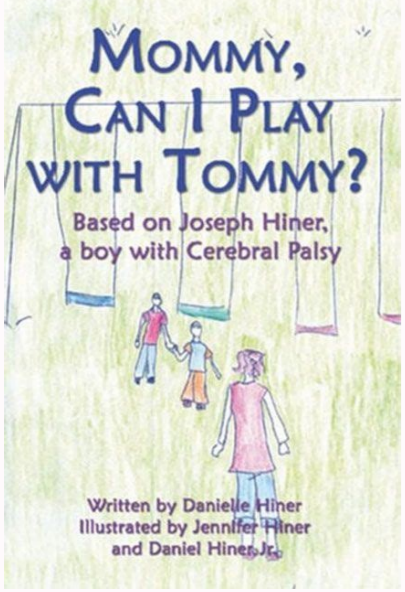
## A Complete Guide for Caregiving

3<sup>rd</sup>  
edition

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The motor cortex is composed of several parts that are responsible for transmitting signals to other parts of the brain to control movement. There are several types of surgery that are used to correct joint dislocations, shortening of the muscles and sensory deficiencies that make it difficult for the normal motor function. Performing exercises that incorporate communication devices can help improve motor and cognitive skills, as well as trust. The goal of using medications to treat this type of CP should be to find medications with the best results, as well as the least amount of negative side effects. The spinal media is half the central nervous system, with the other half the brain and the brain trunk. Occupational therapists perform exercises aimed at certain muscles of the mule, forearm, thumb and top of the body. For a niÅ ± 1 with CPI, spatically who also experiences seizures, media often prescribe medications that can control the frequency of these episodes. Simism, medications such as diazepam (valium) can be used to relax muscles. These parts of the brain are essential for sensory functions such as sight, touch and movement. The spastic cerebral paralysis is caused by damage in the motor cortex and the pyramidal tracts of the brain, which connect the motor cortex with the spinal media. Understanding the function of the motor cortex and pyramidal tracts helps explain how damaging these systems affects the movement in people with spastic CP. Speak Therapy Speech therapy is used to improve oral movements in children with spastic PC. The motor cortex and pyramidal tracts can be damaged by: cerebral hemorrhage or prenatal infection lack of oxygen to the brain during birth trauma or brain infection after the Several risk factors can increase the likelihood of a brain lesion<sup>3</sup> development. Life with PC Each PC is different, and some require more treatment than others. 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Cerebral palsy is a disorder of the development caused by damage to the brain. before birth, during delivery, or within the first few years of life. Physical therapists will typically use daily range-of-motion (ROM) and stretching exercises to improve mobility of joints and soft tissues.Å Physical therapists often useÅ Age-appropriate toys and games to make the therapy enjoyable for the child.Å This type ofÅ Athery can help improve overall motor function and prevent any future complications. Occupational therapy Another form of therapy used to treatÅ Achilren with spastic CP is occupational therapy. An important aspect of the motor cortex in relation to cerebral palsy is its regulation of voluntary movement. The severity of symptoms, theÅ Allocation of movement problems and any secondary conditions are the biggest factors in outlining treatment. Medications Medications,Å Åsuch asÅ Benzodiazepines, are taken orally to relieve muscle stiffness and improve movement throughout the body.Å There are also medications that can treat muscle stiffness in specific parts of the body, such as the legs or arms. For example, children with spastic CP may have muscle stiffness in one arm, both legs or one full sideÅ Aof their body. Some children with spastic CPÅ Also develop co-occurring conditions as a result of their brain injury. A common goal among parents is to give their child the best life possible. Selective Dorsal Rhizotomy (SDR) is a common surgery associated with children who have spastic cerebral palsy. This condition prevents the normal development of motor function. Treatment for Spastic Cerebral Palsy Treatment for spastic CP varies with each case. Surgery Surgery may be a large part of treatment for children with spastic cerebral palsy. During toddlerhood, many children tend toÅ Exhibit some of the same jerky reflexes associated with spastic CP. Spastic CP is characterized by jerky movements, muscle tightness and joint stiffness. Causes and Risk Factors Cerebral palsy is a catch-all term for movement disorders caused by a brain lesion<sup>3</sup> This is because symptoms usually do not occur until a child begins to miss developmental milestones. Pyramidal tracts The pyramidal tracts in the brain are the communication channels<sup>3</sup> between the cerebral cortex and the nerves of the spinal cord. Muscle rigidity occurs mainly in the legs. Giving this region<sup>n</sup> of the brain makes voluntary movement more difficult to control and less fluid, or Å"spastic.Å" Occupational therapists can also assess the need for various assistive devices, such as adaptive scissors or writing tools. utensils.



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