Why Does My Child’s Doctor Need to Document Hip Status Though a Hip X-Ray?

The Therasuit™ itself is a dynamic orthosis that provides support to the musculoskeletal system. It works by creating a "load" or "forces" through the joints to give stability and support weak muscles. By utilizing the Therasuit™ it assists to restore posture and proper movement patterns, thus function. It is contraindicated to utilize the Therasuit™ if there is a hip subluxation greater than 50% due to these forces created over the hip joint; and any hip subluxation must be known so that proper precautions are taken with application and wearing of the Therasuit™.

THERASUIT™
TheraSuit™ is a soft, proprioceptive, dynamic orthosis consisting of a cap, vest, shorts, knee pads, and shoe attachments that are connected to each other through a system of elastic bands. It is a safe, effective tool that we use combined with our intensive exercise program to accelerate the child’s progress.

- Improves proprioception
- Reduce pathological reflexes
- Restore proper patterns of movement & posture
- Provides external stabilization and supports weak muscles
- Corrects body alignment
- Improves hip alignment by vertical loading over the hip joint
- Stimulates the brain to re-train Central Nervous System
- Provides tactile and sensory stimulation
- Improves speech production and fluency
- Loads the body with gravity type pressures
- Accelerates the progress of newly learned movements & functional skills

INDICATIONS
- Children with Cerebral Palsy and Developmental Delay
- Stroke patients
- Traumatic brain injuries
- Spinal cord injuries
- Neuromuscular disorders

CONTRAINDICATIONS
- Hip subluxation 50% or greater
- Severe Scoliosis

PRECAUTIONS
- Heart conditions/ uncontrolled high blood pressure
- Hip subluxation less than 50%
- Uncontrolled seizure activity
- Diabetes/ Kidney problems

TYPICAL INTENSIVE EXERCISE PROGRAM
- 3 hours per day, 5 days a week, for 3 weeks
- First week: working on tone reduction, decreasing pathological movement patterns, and increasing active proper movement patterns, & general strengthening
- Second week: working on strengthening specific muscle groups responsible for the function
- Third week: using the increased strength and endurance to improve the child’s level of function (sitting, crawling, walking)