

SOT Resting Hand Orthosis

S.O.T (Smart Orthotic Treatment) is a resting orthosis for the spastic and paretic hand, when the goal is to maintain or increase the mobility of the hand. Now available in pediatric to adult sizes! The orthosis is smooth and lightweight. The S.O.T has an aluminum core which allows adjustment to the desired position. The aluminum core is embedded into polyethylene foam, which is covered with fabric. The brace is delivered in a resting position. A resting position can offer pain relief, relaxation to the hand and it also provides a good biomechanical position that may reduce the risk of flexor shortening of the wrist and fingers. The orthosis anatomic configuration supports the important thenar muscle, the CMC and MCP joint, which is particularly important for the intended patient groups, as the thumb tends to adduct at the CMC joint and hyperextend in the MCP joint. S.O.T Resting orthosis increases the conditions for an effective grip.

Recommended Range Of Application

Stroke, Cerebral Palsy, Rheumatoid Arthritis, Radialis Paresis, Muscular Dystrophy, Edema, or Plexus Injury

Measurements

MCP width / Length from wrist to end of finger

