

Specific treatment for symptoms associated with MPS VI⁵⁻¹⁰

SYSTEM INVOLVED	Symptom	Specific Treatment
ENT	Chronic rhinitis and sinusitis Excessive production of mucus Recurrent otitis media Hearing loss Abnormally spaced and shaped teeth Difficulty swallowing	Prophylactic antibiotics Antihistamines and mucolytics Antibiotics and pressure equalization tubes Hearing aids Orthodontia Surgical treatment of airway obstruction
OPHTHALMOLOGICAL	Corneal opacities Glaucoma Photophobia Papilledema and blindness due to increased intracranial pressure	Corneal transplant Medications or iridectomy Sunglasses and visors Cerebrospinal fluid shunting procedures
RESPIRATORY	Airway obstruction Obstructive sleep apnea Noisy breathing and snoring Excessive production of mucus Recurrent sinopulmonary infections	Tonsillectomy, adenoidectomy, laser excision of tracheal lesions, or tracheostomy Continuous positive airway pressure (CPAP), bilevel PAP (BiPAP), tonsillectomy, adenoidectomy, laser excision of tracheal lesions, or tracheostomy Treatments for airway obstruction Antihistamines, mucolytics, and chest postural drainage Chronic antibiotic therapy
CARDIAC	Endocardial fibroelastosis Cardiomyopathy Valvular abnormalities	Medications Medications Endocarditis prophylaxis and valve replacement
ABDOMINAL AND GASTROINTESTINAL	Umbilical and inguinal hernias Intermittent diarrhea and abdominal pain Nutritional difficulties	Surgical repair Dietary changes and medication Nutritional supplements or placement of gastrostomy tube
MUSCULOSKELETAL	Scoliosis Lumbar kyphosis or gibbus Claw-hand deformity Weakness in grip and fine motor skills of hand Genu valgum Abnormal stance or gait Joint contractures, stiffness, and restricted motion Joint pain	Spinal fusion and instrumentation Posterior spinal fusion Physical therapy Physical therapy Physical therapy, weight reduction or osteotomy Physical therapy or walker Physical therapy, weight reduction, osteotomy, walker, or wheelchair Medications
NEUROLOGIC	Communicating hydrocephalus Spinal cord compression Myelopathy Carpal tunnel syndrome	Ventriculoperitoneal shunt placement Laminectomy or dural excision Medications Median nerve release