Overview of anaesthetic risk factors in patients with MPS

Oral cavity
- Large tongue
- Limited mouth opening

Neck pathology
- Cervical cord compression
- Atlantoaxial instability

Hypopharynx
- Narrow due to redundant tissue
- Large tonsils/adenoids

Cardiac
- Coronary disease
- Valve disease
- Heart failure
- Significant arrhythmias
- Pulmonary hypertension

Respiratory
- Restrictive lung disease
- Obstructive lung disease
- Breathing at closing capacity
- Narrow trachea

Adapted from Walker, J Inherit Metab Dis, 2013.

Abbreviations: ERT, enzyme replacement therapy; HSCT, hematopoietic stem cell transplant; mucopolysaccharidosis.