Overview of anesthetic risk factors in patients with MPS

- MPS type
- Age
- Previous anesthetics
- Disease-targeting therapies (ERT, HSCT)

**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.