## ENT and respiratory symptoms that may trigger suspicion of MPS $^{1,13}$

Ear	Nose	Throat	Respiratory
<ul> <li>Hearing loss</li> <li>Middle ear mucus</li> <li>Tympanic membrane thickening</li> <li>Tubal obstruction</li> <li>Ossicular malformation</li> <li>Recurrent otitis media</li> </ul>	Recurrent and excessive rhinorrhea     Depressed nasal bridge	<ul> <li>Enlarged tongue</li> <li>Hypertrophic tonsils</li> <li>Hypertrophic adenoids</li> <li>Abnormal epiglottis</li> <li>Tracheal thickening and compression</li> <li>Narrowing of supraglottic and infraglottic airway</li> </ul>	<ul> <li>Bronchial narrowing</li> <li>Respiratory infections</li> <li>Progressive reduction of lung volume</li> <li>Sleep disorders, including OSAHS and UARS</li> </ul>

 $Abbreviations: OSAHS, obstructive \ sleep \ apnea \ syndrome; UARS, upper \ airway \ resistance \ syndrome.$