

ENT and respiratory symptoms that may trigger suspicion of MPS^{1,2}

<i>Ear</i>	<i>Nose</i>	<i>Throat</i>	<i>Respiratory</i>
<ul style="list-style-type: none">• Hearing loss• Middle ear mucus• Tympanic membrane thickening• Tubal obstruction• Ossicular malformation• Recurrent otitis media	<ul style="list-style-type: none">• Recurrent and excessive rhinorrhea• Depressed nasal bridge	<ul style="list-style-type: none">• Enlarged tongue• Hypertrophic tonsils• Hypertrophic adenoids• Abnormal epiglottis• Tracheal thickening and compression• Narrowing of supraglottic and infraglottic airway	<ul style="list-style-type: none">• Bronchial narrowing• Respiratory infections• Progressive reduction of lung volume• Sleep disorders, including OSAHS and UARS

Abbreviations: ENT, ear, nose, and throat; MPS, mucopolysaccharidosis; OSAHS, obstructive sleep apnea syndrome; UARS, upper airway resistance syndrome.

References: **1.** Berger KI, Fagondes SC, Giugliani R, et al. Respiratory and sleep disorders in mucopolysaccharidosis. *J Inherit Metab Dis*. 2013;36(2):201-210. doi:10.1007/s10545-012-9555-1; **2.** Martins AM, Dualibi AP, Norato D, et al. Guidelines for the management of mucopolysaccharidosis type I. *J Pediatr*. 2009;155(4)(suppl 2):S32-S46. doi:10.1016/j.jpeds.2009.07.005.