

# American Board of Otolaryngology - Head Neck Surgery CPO Blueprint

Content Categories and Associated Topics	PRIORITY AREAS FOR TESTING					
	Basic Science	Diagnosis	Data Gathering/ Interpretation	Management - Surgical Principles	Management - Surgical	Management - Non-surgical
<b>GENERAL (Target is 9% of exam from the following topics)</b>						
Normal Growth	LOW	LOW	LOW	LOW	LOW	LOW
Disorders of Growth, including obesity	LOW	MEDIUM	HIGH	HIGH	MEDIUM	LOW
Normal Development	LOW	LOW	LOW	LOW	LOW	LOW
Disorders of Development - including autism	LOW	HIGH	HIGH	MEDIUM	MEDIUM	MEDIUM
Fluids and electrolytes	MEDIUM	MEDIUM	MEDIUM	HIGH	LOW	LOW
Behavioral Disorders - for example crying, temper tantrums, Attention-deficit/hyperactivity disorder (ADHD), Control of elimination	LOW	HIGH	HIGH	LOW	LOW	MEDIUM
Failure to Thrive	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM	MEDIUM
Pediatric medications; safety profiles	MEDIUM	LOW	MEDIUM	LOW	LOW	MEDIUM
Child Abuse, Neglect, and Munchhausen by proxy	LOW	MEDIUM	HIGH	MEDIUM	LOW	MEDIUM
Pediatric nutrition and nutritional disorders	LOW	MEDIUM	MEDIUM	LOW	LOW	MEDIUM
<b>Fetal and Neonatal Medicine, for example:</b> Maternal Diseases affecting the newborn (including drug and alcohol abuse) Respiratory diseases of the newborn Anemia and hyperbilirubinemia Hypoxic-ischemic encephalopathy Congenital infections Short- and long-term sequelae of prematurity. Neonatal resuscitation	LOW	MEDIUM	HIGH	LOW	LOW	MEDIUM
Routine immunizations of childhood	LOW	LOW	MEDIUM	HIGH	LOW	MEDIUM
Anesthesia considerations in pediatric otolaryngology	LOW	MEDIUM	MEDIUM	MEDIUM	MEDIUM	HIGH
Intensive care considerations in pediatric otolaryngology	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM	HIGH
Ethical issues in treating vulnerable populations	LOW	MEDIUM	MEDIUM	HIGH	LOW	MEDIUM

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<b>Content Categories and Associated Topics</b>						
<b>CHILDHOOD CONDITIONS AND DISEASES (Target 9% of exam from the following topics)</b>						
<b>Inflammatory neck mass, for example:</b> Kawasaki Disease Kikuchi Disease Cat-scratch Disease	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
<b>Cystic Fibrosis</b>	MEDIUM	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
<b>Congenital heart disease</b>	LOW	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM
<b>Vascular anomalies</b>	MEDIUM	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
<b>Short Stature</b>	LOW	LOW	MEDIUM	MEDIUM	MEDIUM	MEDIUM
<b>Headache and migraine</b>	LOW	MEDIUM	MEDIUM	LOW	LOW	MEDIUM
<b>Weakness and hypotonia, for example</b> Duchene MD and Spinal Muscular Atrophy	LOW	MEDIUM	LOW	HIGH	HIGH	MEDIUM
<b>Neurodegenerative disorders</b>	LOW	MEDIUM	LOW	HIGH	HIGH	MEDIUM
<b>Sickle cell anemia</b>	LOW	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM
<b>Oncologic disorders, for example:</b> Thyroid Salivary gland Leukemia Lymphoma CNS tumors Neuroblastoma Wilms tumors Sarcomas OHNS disorders which can occur in patients who have undergone organ transplantation, i.e. Post-transplant lymphoproliferative disorder (PTLD) Complications of non-head and neck cancer treatment	MEDIUM	HIGH	HIGH	HIGH	HIGH	MEDIUM
<b>GENETICS AND DYSMORPHOLOGY (Target 7% of exam from the following topics)</b>						

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<b>Chromosomal disorders, for example:</b> Autosomal trisomies Microdeletion Syndromes Sex chromosome disorders Chromosomal breakage syndromes Malformation syndromes X-linked disorders Y-linked disorders Mitochondrial disorders Syndromes associated with imprinting	MEDIUM	HIGH	HIGH	MEDIUM	MEDIUM	MEDIUM
<b>Craniofacial Syndromes, for example:</b> Syndromic and nonsyndromic craniosynostosis 1st and 2nd branchial arch syndromes Micrognathia	MEDIUM	HIGH	MEDIUM	HIGH	HIGH	MEDIUM
<b>METABOLIC DISORDERS (Target 4% of exam from the following topics)</b>						
Carbohydrate disorders, amino acid disorders, organic acid disorders, fat metabolic disorders, lysosomal and peroxisomal disorders, mitochondrial disorders	LOW	LOW	R	MEDIUM	LOW	LOW
Mucopolysaccharidoses	LOW	MEDIUM	LOW	HIGH	LOW	LOW
Diabetes	LOW	LOW	LOW	MEDIUM	LOW	LOW
Thyroid disorders (non surgical)	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
<b>INFECTIOUS DISORDERS (Target 10% of exam from the following topics)</b>						
<b>General infectious processes, for example:</b> Fever without a focus – PFAPA PANDAS (Pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections) HIV & AIDS Tuberculosis Complications of infectious diseases	LOW	HIGH	HIGH	MEDIUM	MEDIUM	MEDIUM
<b>Sinonasal, for example:</b> Complications of Sinusitis Periorbital cellulitis/orbital complications Intracranial complications	LOW	MEDIUM	HIGH	HIGH	MEDIUM	HIGH
<b>Airway, for example:</b> Human papilloma virus Croup (laryngotracheobronchitis) Supraglottitis Pertussis Bronchiolitis	MEDIUM	HIGH	MEDIUM	HIGH	HIGH	HIGH
<b>Ear, for example:</b> Otitis externa, otitis media and eustachian tube dysfunction in medically complex children Mastoiditis	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM

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<b>Neck, for example:</b> Lymphadenopathy Cervical adenitis/ Deep neck space abscesses Non-tuberculosis mycobacterial infections Salivary Gland infections	LOW	HIGH	MEDIUM	HIGH	MEDIUM	HIGH
<b>COMMUNICATION AND VESTIBULAR DISORDERS (Target 11% of exam from the following topics)</b>						
<b>Hearing, for example:</b> Newborn hearing assessment Pediatric hearing assessment Conductive hearing loss Sensorineural hearing loss Aural habilitation in children Syndromic disorders (e.g. Pendred syndrome, Branchial-oto-renal syndrome, Usher's syndrome, Enlarged vestibular aqueduct.)	MEDIUM	HIGH	HIGH	HIGH	HIGH	HIGH
Vestibular disorders	MEDIUM	HIGH	MEDIUM	LOW	LOW	MEDIUM
<b>Speech, for example:</b> Delayed speech Dysphonia Hyponasal versus hypernasal speech Velopharyngeal insufficiency Ankyloglossia	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
<b>SWALLOWING DISORDERS (Target 8% of exam from the following topics)</b>						
Dysphagia/Aspiration	LOW	MEDIUM	MEDIUM	HIGH	HIGH	MEDIUM
GERD/Eosinophilic esophagitis	LOW	MEDIUM	MEDIUM	HIGH	MEDIUM	MEDIUM
Caustic Ingestion	LOW	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM
Sialorrhea	LOW	LOW	MEDIUM	HIGH	MEDIUM	MEDIUM
<b>AIRWAY DISORDERS AND SLEEP (Target 15% of exam from the following topics)</b>						
Obstructive sleep apnea	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
Behavioral insomnia of childhood, including limit-setting disorder	LOW	MEDIUM	MEDIUM	LOW	LOW	MEDIUM
Night terrors	LOW	MEDIUM	LOW	LOW	LOW	LOW
Delayed sleep phase syndrome	LOW	MEDIUM	LOW	LOW	LOW	LOW
Restless leg syndrome	LOW	MEDIUM	HIGH	LOW	LOW	HIGH
Normal sleep	LOW	HIGH	MEDIUM	LOW	LOW	LOW
CHAOS (congenital high airway obstruction syndrome)	LOW	HIGH	HIGH	HIGH	HIGH	LOW
Pharyngeal obstruction	LOW	MEDIUM	HIGH	HIGH	HIGH	HIGH
Laryngeal obstruction (congenital and acquired airway lesions)	MEDIUM	HIGH	HIGH	HIGH	HIGH	HIGH
Paradoxical vocal fold dysfunction	MEDIUM	HIGH	HIGH	LOW	LOW	HIGH
Tracheal obstruction	LOW	HIGH	HIGH	HIGH	HIGH	HIGH
Benign and malignant lesions of the airway	MEDIUM	HIGH	HIGH	HIGH	HIGH	HIGH
Allergic rhinitis	LOW	MEDIUM	MEDIUM	LOW	LOW	HIGH

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Sinonasal obstruction, for example congenital pyriform aperture stenosis and choanal atresia/stenosis	MEDIUM	MEDIUM	HIGH	HIGH	HIGH	MEDIUM
<b>TRAUMA (Target 4% of exam from the following topics)</b>						
Facial trauma	LOW	MEDIUM	MEDIUM	MEDIUM	LOW	MEDIUM
Temporal bone trauma	LOW	MEDIUM	MEDIUM	MEDIUM	LOW	MEDIUM
Non-accidental trauma	LOW	MEDIUM	HIGH	LOW	LOW	LOW
<b>SURGICAL CONCEPTS (Target 23% of exam from the following topics)</b>						
<b>Congenital Anomalies, for example:</b>						
Branchial cleft anomalies	LOW	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
Thyroglossal duct cyst						
Dermoid cyst/glioma/encephalocele						
Ranula						
<b>Head &amp; Neck Surgery, for example:</b>						
Drainage deep neck abscess (age < 1 years or ASA >II)	MEDIUM	MEDIUM	MEDIUM	HIGH	HIGH	HIGH
Excision angiofibroma or other nasopharyngeal tumor						
Parotidectomy						
Submandibular gland excision						
Thyroidectomy						
<b>Otology, for example:</b>						
Mastoidectomy (age <1 years or ASA >II)	LOW	MEDIUM	HIGH	HIGH	HIGH	MEDIUM
Ossicular reconstruction						
Cochlear implant						
Osseo-integrated implant						
<b>Airway Procedures, for example:</b>						
Thyrotomy/Laryngofissure	MEDIUM	HIGH	HIGH	HIGH	HIGH	LOW
Laryngoplasty/Laryngotracheoplasty						
Cricotracheal/tracheal resection and repair						
Repair of laryngeal clefts						
Procedures for treatment of vocal fold paralysis						
EXIT procedure						
(age <1 year old) Tracheotomy						
<b>Endoscopy, for example:</b>						
Flexible fiberoptic laryngoscopy (age < 1years)	LOW	MEDIUM	HIGH	MEDIUM	HIGH	LOW
Microdirect Laryngoscopy and intervention (age <1 years or ASA >II)						
Bronchoscopy and intervention (age <1 years or ASA > II)						
Esophagoscopy and intervention (age < 1 years or ASA >II)						
Fiberoptic endoscopic evaluation of swallowing (FEES)						
Sialoendoscopy						
<b>Rhinology, for example:</b>						
Sinonasal endoscopic (age <13 years or ASA > II)	MEDIUM	MEDIUM	MEDIUM	HIGH	HIGH	LOW
Endoscopic sinonasal, extended						
Repair choanal atresia						

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<b>Facial Plastics, for example:</b> Otoplasty Cleft repair – lip Cleft repair – palate Pharyngoplasty/pharyngeal flap Microtia Repair	MEDIUM	MEDIUM	MEDIUM	HIGH	MEDIUM	MEDIUM
<b>Facial Trauma, for example:</b> Reduction of facial fractures – midface, mandible Repair complex laceration	LOW	MEDIUM	MEDIUM	HIGH	HIGH	LOW