

Table S1. Classification of the ENT-inpatients in Surgical diagnoses sub-groups and Non-surgical diagnoses sub-groups

Group A: Surgical diagnoses			Group B: Non-surgical diagnoses		
Subgroup A1	Subgroup A2	Subgroup A3	Subgroup B1	Subgroup B2	Subgroup B3
<i>Contaminated/dirty surgery</i>	<i>Clean-contaminated surgery</i>	<i>Clean surgery</i>	<i>Clinical infection of bacterial, fungal or parasitic origin</i>	<i>Clinical infection of viral origin</i>	<i>Non-infectious diseases</i>
Abscess	Radical resection head and neck cancer, i.e., buccal mucosa, tongue, tonsils, nasal, parotid, skin	Biopsies, i.e., oral ulcers, leukoplakia, larynx, neck secondary, biopsy of cancers	Tuberculosis	Throat pain NES	Neck or head swelling
Trauma	Deviated nasal septum	Tonsillectomy	Acute mastoiditis	Acute pharyngitis	Epistaxis
Infected cysts	Nasolabial cyst	Foreign bodies	Sialadenitis	Upper respiratory tract infection UNS	Anemia
Fractures	Tympanoplasty	Thyroid surgery, i.e., goiter, nodule, adenoma	Leprosy	Viral fever	Hypo/hyperthyroidism
Open wounds	Eagle's syndrome	Earlobe reconstruction	Sepsis	Varicella-zoster virus diseases	Neurological diseases
Dental root & gum abscess	Embedded tooth	Aural polyp	Rhinoscleroma	Herpes zoster virus diseases	Impacted cerumen
Peritonsillar abscess	Bronchial cyst	Adenoid hypertrophy	Meningitis	Throat infection NES	Meniere's disease
Cellulitis in face	Epidermoid cyst	Micro-laryngeal surgery	Preseptal cellulitis	Acute parotitis	Presbycusis
Septal hematoma	Oral and cervical ranula	Non-infectious cysts	Eye pus UNS	Acute laryngitis	Hearing loss NES
Chronic rhinosinusitis	Mucous retention cyst	Parotid fistula	Perichondritis	Chronic obstructive pulmonary disease	Otalgia NES
Ludwig's Angina	Septal perforation	Nasal endoscopy, i.e., polyps, deviated nasal septum	Acute otitis media		Vasomotor rhinitis
Osteomyelitis	Lipoma, haemangioma & angiofibroma	Dysphagia	Pansinusitis		Pneumothorax
Dacryocystitis	Tm joint ankyloses	Skin-surgery	Acute rhinosinusitis		Allergic rhinitis
	Trismus	Thyroglossal cyst	Acute sinusitis of bacterial or fungal origin		Dyspepsia
	Epulis	Tongue tie	Acute tonsillitis		Skin disorders
		Oesophagus dilatation for achalasia cardia	Acute supraglottitis		Dysphagia due to iron deficiency
			Pneumonia		Vertigo
			Glossitis		Fever NES
			Otomycosis		Pain NES
			Otomycosis		Superficial Injury
			Nasal myiasis		Tm joint dislocation
			Discharge ear NES		Allergic reactions
					Mouth Bleeding NES
					Adhesive otitis media

Abbreviations: A1 = contaminated/dirty surgery; A2 = clean-contaminated surgery; A3 = clean surgery; ENT = ear, nose and throat (otorhinolaryngology); NES = Not elsewhere specified; UNS = unspecified. The classification is based on Scottish Intercollegiate Guidelines Network (2014), Bratzler D, Dellinger E, Olsen K et al. Clinical practice guidelines for antimicrobial prophylaxis in surgery. Am J Health Syst Pharm 2013; 70: 195-283, and Xavier Ottoline A, Tomita S. Antibiotic prophylaxis in otolaryngologic surgery. Int Arch Otorhinolaryngol 2013; 17: 85-91.