

# LOGBOOK of LARYNGOLOGY SUBSPECIALITY TRAINING PROGRAMME

## DIAGNOSTICS

		General		Advanced
		Independent	Supervised	
<b>Clinical examination office</b>	flexible laryngo-faryngo-tracheoscopy	x		
<b>Voice</b>	videolaryngostroboscopy (rigid/flexible)	x		
	high speed camera documentation			x
	kymography			x
<b>Voice analysis (ELS protocol)</b>	perceptual	x		
	aerodynamics	x		
		x		
	acoustic	x		
		x		
		x		
		x		
		x		
		x		
		x		
<b>Neurolaryngology</b>	laryngeal electromyography (EMG)	x		
<b>Swallowing</b>	fiberoptic endoscopic evaluation of swallowing (FEES)	x		
	transnasal oesophagoscopy (TNO)			
	pH-measurements and impedance manometry		x	
<b>Respiratory function</b>	assessment of pulmonary function tests	x		
	test for exercise induced laryngeal obstruction (EILO)	x		
<b>Imaging interpretation</b>	MRI, CT, PET, Ultrasonography	x		
	analysis of videofluoroscopy	x		
<b>Clinical examination OR</b>	diagnostic laryngoscopy/microlaryngoscopy	x		
	diagnostic rigid tracheo/bronchoscopy			
	diagnostic rigid oesophagoscopy			
<b>General competencies regarding team work</b>	active member of a multidisciplinary laryngeal team	x		

collaboration with speech therapist  
 collaboration with anaesthetist/shared  
 airway  
 collaboration with oncological board

X		
X		
X		

## NON-SURGICAL MANAGEMENT

**General**  
 conservative treatment for non-organic and  
 organic disorders of larynx and pharynx  
 medical management of systemic disorders  
 with laryngeal manifestations  
 laryngopharyngeal reflux  
 chronic laryngitis

X		
X		
X		

**Respiratory function** respiratory training/advice

	X	

## SURGICAL MANAGEMENT

**General**  
 laser technology, applications and ELS  
 nomenclature  
 familiar with the special surgical  
 instruments  
 familiar with the ventilation techniques  
 principals of adult and pediatric airway  
 management  
 principals of office based procedures

X		
X		
X		
	X	
X		

OFFICE BASED	Lesion	Procedure
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glottic insufficiency	injection medialization
scar, reactive lesions	injection (corticosteroids)
epithelial lesion/lesions Reinke's space	TNFLS
neurolaryngology AdSD	botulinum toxin injection
neurolaryngology swallowing disorders	botulinum toxin injection

X		
X		
	X	
X		
	X	

ENDOLARYGEAL SURGERY	Lesion	Procedure
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<b>Voice</b>	<b>Lesions in Reinke's space</b> polyps, nodules, edema, cysts	ML (+/- laser assisted) resection
	<b>Benign epithelial lesions</b> granuloma, papilloma, hyperkeratosis	ML (+/- laser assisted) resection/ biopsy
	<b>Vocal fold mucosal repair</b>  vocal fold scar (sulcus, iatrogenic, trauma)	ML injection medialization ML (+/- laser assisted) excision/implant, buccal mucosal graft
	<b>Glottic insufficiency</b> paresis/paralysis, atrophy, scar	ML injection medialization
	<b>Systemic disorders</b>  amyloidosis, GPA, sarcoidosis	ML (+/- laser assisted) resection/biopsy injection

X		
X		
X		
	X	
X		
X		

	<b>Dystonia</b>				
	AdSD	ML lased assisted myoneurectomy,		x	
	androphonia	ML radiofrequency ablation			
		ML anterior fusion vocal folds		x	
<b>Swallowing</b>	Zenker's diverticula	endoscopic laser assisted myotomy, stapling	x		
	cricopharyngeal bar	endoscopic laser assisted myotomy			x
	pharyngeal web/stenosis	dilatation +/- balloon			x
<b>Airway/stenosis/obstruction</b>	anterior mucosal web	ML (+/- laser assisted) resection/ flap technique/ stenting	x		
	posterior glottic stenosis	ML (+/- laser assisted) resection/flap technique			x
	subglottic stenoses	ML ( + /- laser assisted), resection/incision/ ballon dilatation			x
	laryngeal tumour obstruction	debulking (laser assisted, microdebrider)	x		
		Lichtenberger suture, laser assisted			
	bilateral vocal fold paralysis	post cordectomy/(partial)	x		
	laryngomalacia	arytenoidectomy		x	
	laryngeal clefts	supraglottoplasty		x	
		endoscopic closure			
	foreign bodies (larynx trachea bronchi)	laryngo-tracheo-bronchoscopy + removal	x		
	laryngocele (internal)	ML laser assisted resection	x		
<b>Laryngeal cancer</b>	dysplastic lesions, cais, carcinoma	ML laser assisted removal according to ELS classifications	x		
<b>EXTERNAL LARYNGEAL/NECK SURGERY</b>					
<b>Voice</b>	<b>Glottic insufficiency</b>				
	paresis/paralysis, atrohy, scar	medialization thyroplasty (type I)	x		
		arytenoid adduction		x	
	<b>Dystonia</b>				
	AdSD	enlargment thyroplasty (type II)			x
		external ablation TA muscle			x
	<b>Miscellaneous</b>				
	high-pitched voice	relaxation thyroplasty (type III)			x
	surgery for male-to-female transsexual	CT approximation			x
<b>Swallowing</b>	CP bar	external myotomy		x	
	Zenker divericula	extirpation, diverticulpeyx		x	
<b>Airway/stenosis/obstruction</b>		tracheotomy			
	general/acute obstruction	open/percutaneous/closure	x		
	webs	laryngofissure and external keels		x	
	subglottic/tracheal stenosis	CTR: end-to-end anastomosis,			x
	laryngoceles (external)	tracheoplasty, laryngoplasty			
		extirpation		x	

	trauma/fracture	laryngofissure/ reconstruction/osteosynthesis/stenting		x	
<b>Laryngeal cancer</b>	laryngeal/pharyngo-Laryngeal neoplasms	OPHL, TL, TPL		x	
	neck metastases	MRND, RND		x	
	pharyngolar reconstruction	pedicle or free flaps			x

**Definitions**

TNFLS	transnasal flexibel laser surgery
ML	microlaryngoscopy
TA	thyroaryenoid
CT	cricothyroid
CP	crichopharyngeal
CTR	cricotrachal resection
OPHL	open partial horizongal laryngectomy
TL	total laryngectomy
TPL	pharyngolaryngecomty
MRND	modified radical neck dissection
RND	radical neck dissection

