

FHNO Fellowship (Oral oncology / Head & Neck)

(Surgical Curriculum, Academic curriculum, Journal club)

Surgical Curriculum

The FHNO curriculum mandates a minimum of twice weekly OR with details mention in the log book. Following numbers suggest minimum required surgical exposure of the candidate.

For head neck oncology - Surgical curriculum year one

Procedure	Assisted	Supervised	Independent
Lymph node biopsy			5
DL Scopy biopsy	5	5	10
Neck dissection – selective	5	5	10
Neck dissection – Comprehensive*	5	5	5
Radical neck dissection*	5		1
Glossectomy per oral	5	5	10
Glossectomy – pull through	3	3	1
Mandibulotomy*	5	5	1
Parotidectomy	5	5	
Thyroidectomy	5	5	
Mandibulectomy -segmental	5	5	
Mandibulectomy – marginal	5	5	2
Laryngectomy - total	5	3	
Maxillectomy – alveolectomy	5	5	
Maxillectomy – total	5	3	
Pectoralis major	5	5	5
Other local flaps	5	5	2

For head neck oncology - Surgical curriculum year two

Procedure	Assisted	Supervised	Independent
Mandibulotomy			1

Parotidectomy			3
Thyroidectomy			10
Mandibulectomy -segmental			5
Laryngectomy – total with repair			3
Maxillectomy – alveolectomy			5
Maxillectomy – total			1
Neck Dissection*		5	10
Composite resections	3	3	3
Pectoralis major			3
Radial forearm**	3	3	
ALT flap**	3	3	
Fibula flap**	3	3	
Micro vascular anastomosis **	5	5	
Salvage flaps	3	3	

For oral oncology – year one

Procedure	Assisted	Supervised	Independent
Lymph node biopsy			5
DL scopy biopsy	5	5	10
Neck dissection – selective	5	5	20
Neck dissection – Comprehensive*	5	5	5
Radical neck dissection*	5		1
Glossectomy per oral	5	5	10
Glossectomy – pull through	3	3	1
Mandibulotomy*	5	5	1
Parotidectomy	5	5	
Mandibulectomy -segmental	5	5	
Mandibulectomy – marginal	5	5	2
Maxillectomy – alveolectomy	5	5	
Maxillectomy – total	5	3	

Pectoralis major	5	5	5
Other local flaps	5	5	2

For oral oncology – year two

Procedure	Assisted	Supervised	Independent
Mandibulotomy*			1
Parotidectomy			3
Mandibulectomy -segmental			6
Maxillectomy – alveolectomy			5
Maxillectomy – total			1
Composite resections	3	3	5
Neck Dissection*		5	10
Pectoralis major			5
Radial forearm**	3	3	
ALT flap**	3	3	
Fibula flap**	3	3	
Micro vascular anastomosis**	5	5	
Salvage flaps	3	3	

(* May vary according to institutional practice,

** candidate should undergo a microvascular course prior to commencement of free flap training

Free flaps – Outside rotation at a high volume centre is must if Institute is not performing free flaps)

Academic curriculum

Weekly presentations – 30 / year. Year one

Presentation topics

1. Hall marks of cancer
2. Pathogenesis of head neck cancers
3. Levels of evidence and design of clinical trials
4. Survival analysis
5. Radiation biology and fractionation
6. Chemotherapy in HNSCC – indications and evidence
7. Pre malignant lesions in the oral cavity
8. Chemoprevention
9. Biomarkers in HNSCC
10. Nutritional considerations in HNSCC and cancer cachexia
11. Pain management in HNSCC
12. Adverse pathological features in HNSCC and its relevance
13. Radiological anatomy of oral cancers
14. Mechanism of mandibular involvement and radiological assessment
15. Skull base anatomy and imaging
16. Approaches to the oral cavity and oropharynx
17. Approaches to the ITF and skull base
18. Approaches to the lateral skull base
19. Neck dissection – types and rationale
20. Mandibulectomy – types, indications
21. Regional flaps 1
22. Regional flaps 2
23. Regional flaps 3
24. ATA guidelines in DTC
25. ATA guidelines in MTC
26. Adjuvant treatment in HNSCC
27. Organ preservation strategies
28. Management of recurrent disease in SCC
29. Management of unresectable disease in SCC
30. Cutaneous cancers in the head and neck

Weekly presentations – 30 / year. Year two

1. Flap physiology and microvascular technique
2. Principles in design of local cutaneous flaps in facial reconstruction
3. Organ preservation in T1-T2 laryngeal cancers
4. Organ preservation in advanced laryngeal and hypopharyngeal cancers
5. Cranio facial resection – indications and techniques
6. Management of vascular injury in head and neck

7. Radial forearm flap – anatomy and technique
8. ALT “
9. Fibula “
10. Management of failed free flaps in head neck
11. Conservative laryngeal surgery
12. Role of virtual planning in maxillo- facial reconstruction
13. Pharyngeal reconstruction
14. Dysphagia – evaluation
15. Dysphagia – management
16. Lymphedema in head neck – management
17. Advanced imaging modalities and their current role
18. Management of airway invasion by HNSCC and thyroid cancers
19. Post-operative management of DTC
20. Management of nasopharyngeal carcinoma
21. Management of hypopharyngeal carcinoma
22. Adenoid cystic carcinoma of the HN
23. Major salivary gland tumours – evaluation and management
24. Temporal bone tumours – management
25. Head neck soft tissue sarcomas- management
26. Evaluation and management of Sino nasal cancers
27. Evaluation of orbital invasion and management
28. Infra temporal fossa – approaches and management
29. Paediatric HN tumours
30. Management of facial nerve in salivary gland tumours

Journal club

A list of 60 articles will be sent out to the candidates & Institute which need to be presented on a weekly basis (similar to the presentation topics). Institute is encouraged, over and above suggested articles, to discuss appropriate articles in Journal Club.