

POST - DOCTORAL FELLOWSHIP PROGRAMME IN

PHONO SURGERY

SYLLABUS

DURATION OF THE COURSE : ONE YEAR

OBJECTIVES :

The Fellowship in Phono Surgery is designed for practicing otolaryngologists with a specific interest in Phono Surgery and diagnosis and management of various voice problems. The course aims to develop expertise in the management of voice disorders and to ensure that trainees acquire:

- Knowledge of relevant embryology, anatomy, pathophysiology and clinical aspects of voice disorders.
- An in-depth knowledge of the investigations used in the evaluation of voice disorders including videolaryngoscopy, videostroboscopy, imaging techniques, Laryngeal electromyography etc.
- Knowledge of care of the professional voice .
- Knowledge of the various phonosurgical procedures including Phonomicrosurgery and laryngeal frame work surgeries - Injection laryngoplasty, Medialization laryngoplasty, Botox and surgical treatment for spasmodic dysphonia.

- Knowledge of the indications, contra-indications, complications of phonosurgical procedures.
- Developing hands-on skills in phonosurgery under supervision as well as cadaveric dissection.
- Knowledge of post-operative follow-ups and voice therapy techniques.
- Exposure to associated allied professions - Speech language pathology, Gastroenterology, Neurology.

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The fellowship will provide clinical and/or didactic exposure to all aspects of voice disorders.

- * Thorough understanding of the anatomy & physiology of normal voice production.
- * Understanding of pathophysiology of abnormal voice production.
- * Knowledge of full range of voice disorders – benign /malignant lesions.

Vocal nodules, cysts, polyps.

Vocal cord inflammation.

Vocal fold scarring – sulcus vocalis.

Changes in vocal fold mobility.

Vocal fold varices.

Granuloma.

Glottic stenosis.

Polypoidal degeneration.

Benign neoplasms - papilloma.

Leukoplakia, malignancy.

Laryngopharyngeal reflux.

Neurologic voice disorders, including dystonias.

Functional voice disorders.

Muscle tension dysphonias.

Diagnostic tools.

Videostrobolaryngoscopy.

Laryngeal electromyography.

Voice analysis software.

Speech-Language vocal rehabilitation.

Nonsurgical and surgical therapeutic options.

Botox injection.

Vocal fold injection/augmentation thyroplasty/ Microflap.
techniques.

Applications of laser.

Management of vocal emergencies.

Care of the professional voice.

Knowledge of systemic medical problems and medications contributing
to voice disorders.

Dysphonia in children.

Journals

(i) JSLHR

(ii) Ear and Hearing

- (iii) Hearing Instruments
- (iv) Seminars in Hearing
- (v) Seminars in Speech and Language
- (vi) LSHSS
- (vii) J.C.D.
- (viii) Volta Review
- (ix) JAISH
- (x) JISHA
- (xi) Folia Phoniatica
- (xii) Journal of Fluency disorders
- (xiii) Phonetica
- (xiv) Journal of Phonetics
- (xv) Journal of child language
- (xvi) Asha Monographs
- (xvii) Brain and Language
- (xviii) British Journal of Audiology
- (xix) Asia Pacific Journal of Speech-language and Hearing.
- (xx) IJDR
- (xxi) Journal of Medical speech language pathology
- (xxii) VOICE (Volta Review Journal)
- (xxiii) RCI Newsletter
- (xxiv) NINAD