



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Division of Otolaryngology

Department of Surgery

Faculty of Medicine

Vancouver General Hospital

Gordon & Leslie Diamond Health Care Centre

4th Floor, 2775 Laurel Street

Vancouver, BC Canada V5Z 1M9

Tel: 604-875-8296

Fax: 604-875-8297

arif.janjua@ubc.ca

**Endoscopic Sinus and Skull Base Surgery Fellowship
RISHI SHARMA**

**Summary Log of Clinical Activity during the Fellowship Year
September 4th 2018 – September 27th 2019**

Total of Endoscopic Endonasal Surgeries involved as primary surgeon or surgical assistant	242
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Endoscopic Endonasal surgery for Inflammatory conditions

Procedure	Number
Endoscopic Nasal, Septal and Sinus Surgery	
Computer Assisted Endoscopic Sinus Surgery	
For Sino-Nasal Inflammatory Conditions:	
<input type="checkbox"/> Chronic Rhinosinusitis with Polyps	150
<input type="checkbox"/> Chronic Rhinosinusitis without Polyps	
<input type="checkbox"/> Allergic Fungal Sinusitis	
<input type="checkbox"/> Recurrent Acute Sinusitis	
<input type="checkbox"/> Non Invasive fungal sinusitis (Fungal balls, AFS)	
<input type="checkbox"/> Mucoceles	
<input type="checkbox"/> Silent Sinus Syndrome	



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Endoscopic Septoplasty/Nasal Septal Reconstruction) and inferior turbinate reduction (<i>as a part of ESS or as a separate procedure</i>)	119
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Endoscopic Endonasal surgery for Tumours and Skull Base pathologies.

Procedure	Number
Endoscopic Sinonasal tumour resections	
<i>Benign Sinonasal Tumours</i>	
<input type="checkbox"/> Inverted Papilloma	
<input type="checkbox"/> Juvenile Nasopharyngeal Angiofibroma	
<input type="checkbox"/> Cavernous Haemangioma	33
<i>Malignant Sinonasal Tumours</i>	
<input type="checkbox"/> Mucosal Melanoma	
<input type="checkbox"/> Squamous Cell Carcinoma	
<input type="checkbox"/> Nasopharyngeal Carcinomaa	
Endoscopic Tumour Biopsies	
<input type="checkbox"/> Metastatic Pancreatic Cancer	1



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Skull Base Approaches Total = 45

- *Neurosurgeon - Dr. Peter Gooderham*

Total CSF Leak Repairs	31
Endoscopic Trans-Planum Approach for Craniopharyngioma	3
Endoscopic Trans-Planum Approach for Extensive Rathke's Cyst	3
Endoscopic Trans-Clival Approach for Clival Chordoma	1
Endoscopic Craniofacial Resection <ul style="list-style-type: none">• Esthesioneuroblastoma• Squamous Cell Carcinoma• Multiphenotypic HPC related Carcinoma• Glomangiopericytoma	5
Endoscopic Assisted Craniofacial Resection <ul style="list-style-type: none">• Solitary Fibrous Tumour• NUT• Pituitary Adenoma	3
Planum CSF Leak Repair	1
Cribiform CSF Leak Repair	1



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Meningoencephalocele Lateral Recess of Sphenoid / Sternberg's Canal	1
Post Traumatic Meningoencephalocele CSF Leak repair (Fovea)	1
Iatrogenic CSF Leak Repair	2

Endoscopic Transpterygoid approaches for Tumours (JNA)	2
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Endoscopic Endonasal Procedures performed by the Fellow (as primary surgeon) in the Operative Room

Procedure	Number
Endoscopic Sinus Surgery	
<input type="checkbox"/> Frontal sinusotomies (Draf IIa/IIb)	103
<input checked="" type="checkbox"/> Total ethmoidectomy (Anterior & Posterior -with skull base and orbit skeletonised)	128
<input type="checkbox"/> Sphenoidotomies	61
<input checked="" type="checkbox"/> Maxillary Antrostomy	72
<input checked="" type="checkbox"/> Endoscopic Septoplasty	22
<input checked="" type="checkbox"/> Draf III	8
Endoscopic Skull Base surgeries	
<input type="checkbox"/> Nasoseptal flap for skull base reconstruction	19
<input type="checkbox"/> Rostrectomy	14
<input type="checkbox"/> Endoscope Driving during Skull Base tumour resection – 4 hand technique with Neurosurgeon	22
<input type="checkbox"/> Cranial Base Repair	5
<input type="checkbox"/> Fascia Lata Harvest	2



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<input type="checkbox"/> Endoscopic Anterior Ethmoidal Artery Ligation	4
<input type="checkbox"/> Pterygopalatine Fossa (JNA)	2

Endoscopic Endonasal Procedures performed by the Fellow (As Primary Surgeon) in the Ambulatory Clinic

Procedure	Number
<input type="checkbox"/> Endoscopic In-Office Polypectomy, Endoscopic Endonasal Biopsies and Small Benign Tumour Resections	20
<input type="checkbox"/> Diagnostic Endoscopic Examination (flexible and rigid endoscopy)	~1,500

Fellowship Director:

Arif Janjua, MD FRCSC

Rhinology, Endoscopic Sinus & Skull Base Surgery

Division of Otolaryngology - Head & Neck Surgery

Vancouver General Hospital & St. Paul's Hospital

Clinical Associate Professor, University of British Columbia