



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

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arif.janjua@ubc.ca

Advanced Rhinology, Endoscopic Sinus and Skull Base Surgery Fellowship

Gustavo Pegos Rodrigues Coy, M.D.

Summary Log of Clinical Activity during the Fellowship Year
September 3rd, 2019 – September 11th, 2020

Total Endoscopic Endonasal Surgeries Involved as Primary Surgeon or Surgical Assistant	225
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Endoscopic Endonasal Surgeries for Inflammatory Conditions

Procedure	Number
Endoscopic Nasal, Septal and Sinus Surgery	
Computer-assisted Endoscopic Sinus Surgery for Sinonasal Inflammatory Conditions:	144
<ul style="list-style-type: none"> ○ Chronic Rhinosinusitis with Nasal Polyps ○ Chronic Rhinosinusitis without Nasal Polyps ○ Central Compartment Atopic Disease ○ Aspirin-exacerbated Respiratory Disease ○ Allergic Fungal Sinusitis ○ Non-eosinophilic Chronic Rhinosinusitis 	



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<ul style="list-style-type: none"> ○ Recurrent Acute Rhinosinusitis ○ Mycetoma ○ EGPA ○ Antrochoanal Polyp ○ Mucocele ○ Silent Sinus Syndrome 	
ESS Case Breakdown: <ul style="list-style-type: none"> ○ Primary Endoscopic Sinus Surgery ○ Revision Endoscopic Sinus Surgery 	106 38
Draf III Frontal Sinusotomy (as a part of ESS): <ul style="list-style-type: none"> ○ Outside-in ○ Inside-out 	28 26 2
Endoscopic Nasal Septal Reconstruction +/- Inferior Turbinate Reduction (as a part of ESS or as a separate procedure)	113
Sphenopalatine Artery Ligation for Epistaxis	1
Choanal Atresia Repair	1



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Endoscopic Endonasal Surgery for Tumours and other Pathologies

Procedure	Number
Endoscopic Sinonasal Tumour Resections	22
Benign Sinonasal Tumours:	16
○ Inverted Papilloma	12
○ Juvenile Nasoangiofibroma	2
○ Glomangiopericytoma	1
○ Hamartoma	1
Malignant Sinonasal Tumours:	6
○ Squamous Cell Carcinoma	4
○ Melanoma	1
○ Plasmacytoma	1
Orbital Approaches:	3
Orbit Surgeons: Dr. Peter Dolman and Dr. Vivian Yin	
○ Hemangioma	1
○ Chronic Invasive Fungal Sinusitis	1
○ Multiple Myeloma	1
Other Surgeries:	3
○ Acute Invasive Fungal Sinusitis	1
○ Revision Nasopharyngectomy	2



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Endoscopic Approaches to the Skull Base

Procedure	Number
Endoscopic Transphenoidal Transellar Approach	31
<ul style="list-style-type: none"> ○ Non-functioning Macroadenomas ○ Functioning Adenomas (Cushing, Acromegaly, TSHoma) ○ Rathke’s Cleft Cyst ○ Craniopharyngioma ○ IgG4 related disease ○ Transphenoidal Chiasmopexy ○ Xanthogranuloma 	<p>17</p> <p>8</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
Expanded Approaches to the Skull Base	6
<ul style="list-style-type: none"> ○ Endoscopic Craniofacial Resection (Adenocarcinoma) ○ Unilateral Endoscopic Craniofacial Resection (Esthesioneuroblastoma and Adenocarcinoma) ○ Transplanum Tumour Resection (Craniopharyngioma) ○ Extensive Transclival Resection (Clival Chordoma) 	<p>1</p> <p>3</p> <p>1</p> <p>1</p>
Skull Base Reconstructions	41
<ul style="list-style-type: none"> ○ Primary CSF Leak Repairs with Nasoseptal Flap ○ Primary CSF Leak Repairs with Free Mucosa Graft ○ Reconstruction after Tumour Dissection with Nasoseptal Flap ○ Reconstruction After Tumour Dissection with Free Mucosa Graft 	<p>3</p> <p>1</p> <p>37</p> <p>10</p>



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Endoscopic Endonasal Procedures Performed by the Fellow
(as primary Surgeon) in the Operating Room

Procedure	Number
Endoscopic Sinus Surgery	
○ Ethmoidectomies (anterior and posterior)	106
○ Maxillary Antrostomies	74
○ Frontal Sinusotomies (Draf IIa/IIb)	106
○ Frontal Sinusotomies (Draf III)	11
○ Sphenoidotomies	70
○ Rostrectomy (Sphenoid nasalization)	8
○ Endoscopic Nasal Septal Reconstruction	17
Endoscopic Tumour and Skull Base Surgeries	
○ Endoscopic Tumour Resection	4
○ Endoscopic Medial Maxillectomy	1
○ Nasoseptal Flap Harvest for Skull Base Reconstruction	15
○ Endoscope Driving During Skull Base Approaches – Four Hands Technique with Neurosurgeon	37



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Endoscopic Endonasal Procedures Performed by the Fellow
in the Ambulatory Clinic

Procedure	Number
Endoscopic In-office Polypectomies, Biopsies, Cauterizations and Small Benign Tumour Resections	~ 30
Diagnostic Endoscopic Examination (Flexible and Rigid Nasal Endoscopy)	~ 1.500

Fellowship Director:

A handwritten signature in blue ink, appearing to read "Arif Janjua".

Arif Janjua, MD FRCSC

Rhinology, Endoscopic Sinus & Skull Base Surgery

Otolaryngology - Head & Neck Surgery

Vancouver General Hospital & St. Paul's Hospital

Clinical Assistant Professor, University of British Columbia