



THE UNIVERSITY OF BRITISH COLUMBIA

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**Advanced Rhinology, Endoscopic Sinus and Skull Base Surgery Fellowship**

**Mr Karan Jolly**

MBChN(Hons) MRCS DO-HNS FRCS ORL-HNS

Summary Log of Clinical Activity during the Fellowship Year:  
September 2021 - September 2022

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<b>Total of Endoscopic Endonasal Surgeries involved as primary surgeon or surgical assistant</b>	271
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**Endoscopic Endonasal surgery for Inflammatory conditions**

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<b>Procedure</b>	<b>Number</b>
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**Endoscopic Nasal, Septal and Sinus Surgery**

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Computer Assisted Endoscopic Sinus Surgery

For Sino-Nasal Inflammatory Conditions:

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|--|-----|
| <input type="checkbox"/> Chronic Rhinosinusitis with Polyps                |     |
| <input type="checkbox"/> Chronic Rhinosinusitis without Polyps             |     |
| <input type="checkbox"/> Allergic Fungal Sinusitis                         | 181 |
| <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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ESS Break Down:

• Primary Endoscopic Sinus Surgery	154
• Revision Endoscopic Sinus Surgery	27

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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> )	169
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Endoscopic Frontal Sinus Surgery:

Frontal Sinus Draf IIA	340
Frontal Sinus Draf IIB	12
Frontal Sinus Draf III	31

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### Endoscopic Endonasal surgery for Tumors and Skull Base pathologies

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Procedure	Number
<b>Endoscopic Sinonasal tumor resections</b>	26
<b><i>Benign Sinonasal Tumors</i></b>	
<input type="checkbox"/> Inverted Papilloma	12
<input type="checkbox"/> Oncocytic Cell Papilloma	1
<input type="checkbox"/> Gliomangiopericytoma	1
<input type="checkbox"/> Haemangioma	1
<input type="checkbox"/> Solitary fibrous tumour	1
<input type="checkbox"/> Osteoma	1
<b><i>Malignant Sinonasal Tumors</i></b>	
<input type="checkbox"/> Mucosal Melanoma	1
<input type="checkbox"/> Squamous Cell Carcinoma	6
<input type="checkbox"/> Adenoid Cystic carcinoma	1
<input type="checkbox"/> Solitary fibrous tumour	1
<b>Endoscopic Tumor Biopsies</b>	
• Clivus	1
• Cavernous	3

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**Skull Base Approaches**

50

- *Neurosurgeon - Dr. Peter Gooderham*
  - *Orbital Surgeon - Dr. Vivian Yin*
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**Endoscopic Trans-Sphenoidal Pituitary Tumor resection**

37

- Non-Functional Macroadenoma
- Functional – Cushing’s, Acromegaly
- Rathke’s Cleft Cyst
- Craniopharyngioma

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**Expanded Endoscopic Skull Base Approaches**

13

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**Endoscopic Trans-Planum Approach**

2

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**Endoscopic Resection of Clival Chordoma**

4

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**Endoscopic Craniofacial Resection**

- Adenoid cystic Carcinoma
- Squamous cell carcinoma
- Mucosal melanoma

3

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**Meningoencephalocele CSF Leak repair**

3

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**Endoscopic Transpterygoid approaches for Tumours**

1

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**Endoscopic Skull Base surgeries: Breakdown**

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 Total CSF Leak Repairs

22

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 Nasoseptal flap for skull base reconstruction

29

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 Endoscope Driving during Skull Base tumour resection – 4 hand technique with Neurosurgeon

45

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 Cranial Base Repair

49

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 Fascia Lata Harvest

5

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 Endoscopic Anterior Ethmoidal Artery Ligation

9

Fellowship Director:

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

Arif Janjua, MD FRCSC  
Rhinology, Endoscopic Sinus & Skull Base Surgery  
Clinical Associate Professor, University of British Columbia