

UW Rhinology and Endoscopic Skull Base Surgery Fellowship
2025-2026 Case Log

Case Logs: 2026

Primary ESS	135
Revision ESS	75
Advanced Frontal	10 (7 Draf III)
Sinus Tumors	64
Orbit pathology	21
Nasal obstruction/HHT/Cryoablation	65
Pituitary	48
Encephalocele/CSF leak	13
Skull base tumors (non-pit)	9
Total	430

Case Logs: 2025

Primary ESS	113
Revision ESS	65
Advanced Frontal	30 (12 Draf III)
Sinus Tumors	45
Orbit pathology	19
Nasal obstruction/HHT/Cryoablation	86
Pituitary	51
Encephalocele/CSF leak	13
Skull base tumors (non-pit)	9
Total	431

Primary endoscopic sinus surgery. Notes should include indication/diagnosis, including AFRS, ASA triad, CF, mucocoele, polyps. Include hybrid ESS/balloon cases here. Standalone balloon cases should be listed in the balloon tab. Cases done primarily for complex frontal disease should be included in the advanced frontal category. Specify any external approach performed.

Attending	Procedure	Indication/Diagnosis	Side (R,L,B)	External approach?
WA	Left full-house FESS	Chronic invasive fungal sinusitis, with orbital apex syndrome	L	No
WA	Right medial maxillectomy + total ethmoidectomy + sphenoidotomy + septoplasty	Invasive fungal sinusitis	R	No
IH	Right FESS + septoplasty	Right maxillary mycetoma. HVHD. Stem cell transplant.	R	No
AJ	Left mini-FESS + medial maxillectomy + removal of mycetoma + removal of foreign body	Mycetoma and foreign body	L	No
AJ	Bilateral mini-FESS	Mycetoma in immunosuppression (AML with pancytopenia)	B	No
AJ	Bilateral full-house FESS	CRSwNP	B	No
AJ	Revision right FESS + marsupialisation of mucocoele + IT reduction	Right posterior ethmoid mucocoele	R	No
AJ	Right mini-FESS	Right maxillary mycetoma	R	No
AJ	Sphenoidotomy	Isolated sphenoid sinusitis	R	No
IH	Right medial maxillectomy + septoplasty + inferior turbinate reduction	Right silent sinus + nasal obstruction	R	No
IH	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	RABS	B	No
AJ	Left full-house FESS + drainage of mucocoele + concha bullosa resection	Left posterior ethmoid mucocoele	L	No
AJ	Left mini-FESS + endoscopic septoplasty	Left maxillary odontogenic sinusitis	L	No
IH	Bilateral full house FESS + endoscopic septoplasty	CRSsNP	B	No
AJ	Bilateral revision full house FESS	Bilateral maxillary pus	B	No
WA	Bilateral medial maxillectomies	Previous MAS. Now has recirculation	B	No
AC	Right full house FESS	CRS	R	No
LO	Left mini-FESS	Concern for IFS.	L	No
LO	Left endoscopic sinus surgery + medial maxillectomy + septoplasty + PPF dissection	IFS	L	No
IH	Right endoscopic sinus surgery + septoplasty	rABS	R	No
IH	Right mini-FESS + septoplasty	Odontogenic sinusitis	R	No
IH	Left FESS (max, ethmoids + frontals) + septoplasty	CRS	L	No
AJ	Sphenoid nasalization, posterior septectomy + posterior ethmoidectomies	Sphenoid mycetoma with secondary bacterial infection with erosion of sella over cavernous sinus, close to ICA	B	No
AJ	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	Right silent sinus + nasal obstruction	B	No
LO	Right mini-FESS + biopsy	IFS concern - negative on frozen	R	No
IH	Bilateral mini-FESS + septoplasty + left inferior turbinate reduction	Nasal obstruction + RABS	B	No
IH	Full house FESS	CRSwNP	B	No
AJ	Full house FESS + septoplasty + inferior turbinate reduction	CRSsNP	B	No
AJ	Full house FESS + septoplasty + inferior turbinate reduction	CRSsNP	B	No
WA	Bilateral max + anterior ethmoids + left frontal (draf 2b) + turbs	rABS	B	No
IH	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	CRS	B	No
IH	Septoplasty + bilateral max + bilateral total ethmoids + left sphenoid and frontals	CRS	B	No
AJ	Septoplasty + bilateral full-house FESS + inferior turbinate reduction	CRS	B	No
IH	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	rABS	B	No
IH	Septoplasty + bilateral full-house FESS	CRS	B	No
IH	Septoplasty + bilateral full-house FESS	CRS	B	No
AJ	Septoplasty + bilateral full-house FESS (including left 2b)	CRS	B	No
IH	Septoplasty + left medial maxillectomy	Left maxillary sinus foreign body	L	No
LO	Right FESS + excision of maxillary lesion	Antrochoanal polyp	R	No
WA	Bilateral mini-FESS + septoplasty + inferior turbinate reduction	RABS + nasal obstruction	B	No

AJ	Bilateral full house FESS + endoscopic septoplasty	CRS	B	No
IH	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	Nasal obstruction + RABS	B	No
AJ	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	Nasal congestion + RABS	B	No
WA	Bilateral full house FESS + endoscopic septoplasty + Draf 2b on right + right frontal trephine	AFRS	B	Yes
WA	Bilateral maxillary, frontals and anterior ethmoids + drainage of facial abscess	Acute sinusitis with erosion of the frontal bone with subcutaneous abscess	B	Yes
AJ	Bilateral full house FESS + endoscopic septoplasty + reduction inferior turbinates	CRS	B	No
AJ	Bilateral full house FESS + endoscopic septoplasty	CRS	B	No
AJ	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	Nasal obstruction + RABS	B	No
AJ	Bilateral mini-FESS + septoplasty + bilateral inferior turbinate reduction	Nasal obstruction + RABS	B	No
AJ	Septo + full-FESS + turbs	CRSsNP	B	No
IH, inconjunction with OMFS	Right maxillary antrostomy + caldwell Luc	Odontogenic cyst	R	Yes (done by oral)
IH, inconjunction with OMFS	Right maxillary antrostomy + caldwell Luc	OKC	R	Yes (done by oral)
AJ	Bilateral full house FESS + endoscopic septoplasty + inferior turbinate reduction	CRS	B	No
AC	Bilateral full house FESS	CRS	B	No
AJ	Left mini-FESS	Left maxillary mycetoma	L	No
WA	Bilateral full house FESS	CRS	B	No
WA	Bilateral full house FESS + endoscopic septoplasty + inferior turbinate reduction	CRS	B	No
WA	Transnasal right sphenoidotomy	Mycetoma	R	No
AJ	Transnasal bilateral spehnoidotomy + posterior septectomy	Mycetoma with hyperostosis	B	No
IH	Bilateral full house FESS	CRSwnP	B	No
LO	Septoplasty + bilateral full-house FESS	CRSwnP	B	No
AJ	Bilateral endoscopic sinus surgery + inferior turbinate reduction	CRS	B	No
AJ	Right FESS + SPA ligation	Sphenoid mucocoele + recurrent epistaxis	R	No
AJ	Septoplasty + bilateral full-house FESS	CRS	B	No
AJ	Left endoscopic medial maxillectomy (Denkers) + resection of maxillary lesion	Maxillary lesion	R	No
AC	Right medial maxillectomy + anterior ethmoidectomy	Maxillary sinusitis following orbital floor reconstruction	R	No
WA	Left maxillary antrostomy + concha bullosa resection	rABS	L	No
AJ	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	Nasal congestion + RABS	B	No
LO	Transnasal right spehnoidotomy + posterior ethmoidectomy	Sphenoid mycetoma	R	No
AJ	Septoplasty + bilateral full-house FESS + inferior turbinate reduction	CRS	B	No
AJ	Right maxillary antrostomy	Right maxillary mycetoma	R	No
IH	Septoplasty + inferior turbinate reduction + left ESS	Left CRS + nasal obstruction	L	No
IH	Limited ESS + turbinate reductions	RARS	B	No
IH	Limited ESS + frontal exploration + septoplasty + inferior turbinate reduction	CRS	B	No
AJ	Bilateral endoscopic medial maxillectomies	Maxillary dental cysts	B	No
AJ	Septoplasty + inferior turbinate reduction + right max/anterior ethmoids/frontal	Nasal obstruction + isolated frontal opacification	R	No
IH	Bilateral limited ESS	RARS	B	No
IH	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	RARS	B	No
AJ	Septo + full-ESS + turbs	CRS	B	No
AC	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	ARBS + nasal obstruction	B	No
WA	Bilateral endoscopic sinus surgery + inferior turbinate reduction	CRS	B	No
WA	Bilateral anterior ESS + frontal sinusotomy + division of intranasal synechiae	Previous ETSS + frontal craniotomy (done by NSx)	B	No
WA	Right maxillary antrostomy	Mycetoma	R	No

IH	Left maxillary antrostomy + bilateral inferior turbinate reduction	Odontogenic sinusitis	L	No
AJ	Bilateral mini-ESS + right total ethmoidectomy + right sphenoidotomy + septoplasty + bilateral inferior turbinoplasties	CRS	B	No
AJ	Bilateral ESS (right 2b) + septo + turbs	CRS	B	No
AJ	Bilateral full house FESS + endoscopic septoplasty + inferior turbinate reduction	CRS	B	No
IH	Bilateral full house FESS + endoscopic septoplasty	CRS	B	No
AJ	Bilateral full house FESS + endoscopic septoplasty + inferior turbinate reduction	CRS	B	No
AJ	Debridement nasal septum + bilateral mini-FESS + bilateral MT resection	Necrotic septum of unknown aetiology + inflammation bilateral max + left mycetoma	B	No
WA	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	CRS	B	No
WA	Septoplasty + bilateral full-house FESS + inferior turbinate reduction	CRS	B	No
AJ	Septoplasty + bilateral full-house FESS + inferior turbinate reduction	CRS	B	No
IH	Septoplasty + bilateral comprehensive ESS + turbinate outfracture	CRS	B	No
IH	Septoplasty + bilateral limited ESS (max + ethmoids)	RABS + right silent sinus	B	No
AJ	Septoplasty + comprehensive ESS	CRS	B	No
AJ	Septoplasty + left mini-FESS	Left maxillary mycetoma	L	No
IH	Bilateral comprehensive ESS	CRSwNP	B	No
AJ	Bilateral comprehensive ESS	CRSwNP	B	No
WA	Septo + full-ESS + turbs	CRS	B	No
WA	Right ESS	Maxillary mycetoma	R	No
AJ	Revision bilateral ESS + left medial maxillectomy	CRS	B	No
AC	Left maxillary antrostomy + anterior ethmoidectomy	Odontogenic sinusitis	L	No
AJ	Bilateral ESS + septoplasty + inferior turbinate reduction	CRS	B	No
LO	Right maxillary antrostomy	Mucous retention cyst	R	No
WA	Bilateral maxillary antrostomy	rABS	B	No
AJ	Septoplasty + bilateral comprehensive ESS + turbinate reduction	CRS	B	No
WA	Septoplasty + mini-ESS + inferior turbinate reduction	Left silent sinus + nasal obstruction	B	No
AJ	Septoplasty + bilateral comprehensive ESS + turbinate reduction	CRS	B	No
AJ	Left maxillary antrostomy + anterior ethmoidectomy + frontal sinusotomy	CRS, previous nasopharyngeal cancer (CRTx)	L	No
AJ	Endoscopic endonasal surgery of the middle cranial fossa + removal of previous hardware + bilateral ESS + bilateral medial maxillectomies + left SPA ligation + left transpterygoid approach + posterior septectomy	Previous chondrosarc (20 years primary) with mesh inserted	B	No
IH	Septoplasty + bilateral limited ESS (max + ethmoids) + turbinate reduction	Nasal obstruction	B	No
IH	Bilateral max + ethmoids + sphenoids + right frontal	CRS	B	No
AC	Septoplasty + bilateral full-house FESS	CRS	B	No
AC	Septoplasty + turbinate reductions + mini-ESS	CRS	B	No
AJ	Septoplasty + limited ESS + left medial maxillectomy	Atypical cyst within maxillary sinus + rABS	B	No
AJ	Septoplasty + right comprehensive ESS	Right odontogenic sinusitis	R	No
LO	Septoplasty + inferior turbinate reduction + bilateral comprehensive ESS	CRS	B	No
AJ	Septoplasty + bilateral full ESS + inferior turbinate reduction	CRS	B	No
LO	Left full-ESS	Acute sinusitis with orbital cellulitis	L	No
IH	Septoplasty + inferior turbinate reduction + bilateral mini-FESS	ARBS + nasal obstruction	B	No
LO	Right maxillary antrostomy	Odontogenic sinusitis	R	No
AJ	Septoplasty + inferior turbinate reduction + right mini-FESS + frontal sinusotomy	Silent sinus + nasal obstruction	R	No
IH	Bilateral mini-ESS	CVID + RABS	B	No

IH	Bilateral mini-ESS + inferior turbinate reduction	CVID + RABS + nasal obstruction	B	No
AJ	Bilateral comprehensive ESS + inferior turbinate reduction	CRS	B	No
WA	Bilateral transnasal sphenoidotomies	Chronic sphenoiditis	B	No
IH	Septoplasty + left max/ethmoid/sphenoid	Concern for lesion within sphenoid - small MRC (large on scan)	B	No
AJ	Choanal atresia repair	Choanal atresia	B	No
AJ	Comprehensive sinus surgery + sphenoid nasalization	Scarred off sinuses secondary to cocaine	B	No
IH	Bilateral ESS + septoplasty + outfracture inferior turbinates	Barotrauma	B	No
AJ	Nasal vestibular stenosis repair + bilateral ESS	Nasal stenosis and inflammation secondary to crohns	B	No
AJ	Septoplasty + turbinate reductions + comprehensive ESS	CRS	B	No
IH	Bilateral limited ESS	CRS	B	No
IH	Septoplasty + bilateral ESS (right limited, left max, eth, sph) + inferior turbinate reduction	CRS	B	No

Revision endoscopic sinus surgery. Notes should include indication/diagnosis, including AFRS, ASA triad, CF, mucocele, polyps. Include hybrid ESS/balloon cases here. Standalone balloon cases should be listed in the balloon tab. Cases done primarily for complex frontal disease should be included in the advanced frontal category. Specify any external approach performed.

Attending	Procedure	Indication/Diagnosis	Side (R,L,B)	External approach?
IH	Right endoscopic medial maxillectomy	CRS. Anti-pneumococcal polysaccharide antibody deficiency	R	No
AJ	Bilateral draf 2b + medial maxillectomies + full house FESS	CRS	B	No
IH	Left endoscopic medial maxillectomy + bilateral total ethmoids & sphenoids & frontal exploration	CRS. Previous history of diffuse B cell lymphoma + hypogammaglobulinaemia	B	No
IH	Bilateral full house FESS	CRS.	B	No
AC	Bilateral full house FESS	CRS	B	No
WA	Bilateral full house FESS	CRS	B	No
AJ	Revision bilateral full house FESS	Recurrent CRS	B	No
AJ	Septoplasty + SP3 + revision FESS	CRS + rhinitis	B	No
WA	Bilateral revision full house FESS	CRS	B	No
WA	Revision posterior septectomy	Recirculation around posterior septectomy	B	No
IH	Revision bilateral full house FESS	AERD	B	No
IH	Right endoscopic Denkers	Previous dental cyst excision - residual bony wall with necrotic bone	R	No
AJ	Right revision FESS	Frontal scarred off after previous JNA resection	R	No
AJ	Bilateral revision full house FESS	Recurrent acute sinusitis	B	No
WA	Revision bilateral full house FESS	RABS	B	No
WA	Bilateral full house FESS	CRS.	B	No
IH	Bilateral revision full house FESS	CRS	B	No
IH	Bilateral revision full house FESS	CRS	B	No
AJ	Bilateral revision full house FESS + bilateral medial maxillectomies	CRS	B	No
WA	Left endoscopic medial maxillectomy + endoscopic posterior septectomy + division of adhesions	Recirculation	B	No
AJ	Revision bilateral full house FESS (draf 2b bilaterally)	CRS	B	No
IH	Revision endoscopic sinus surgery + right medial maxillectomy + division of nasal adhesions	Previous esthesioneuroblastoma managed with surgery and proton therapy	B	No
IH	Revision bilateral full house FESS (draf 2b bilaterally)	CF + CRS + multiresistant pseudomonas	B	No
IH	Revision bilateral full house FESS	CRS	B	No
IH	Revision bilateral mini-FESS	RABS	B	No
IH	Septoplasty + inferior turbinate reductions + bilateral mini-FESS	Recirculation + nasal obstruction	B	No
WA	Revision bilateral full house FESS + bilateral medial maxillectomies + left draf 2b	CF + CRS	B	No
WA	Revision ethmoid + frontals + right medial maxillectomy	CRS	B	No
WA	Bilateral medial maxillectomies	Recirculation - previous inferior windows	B	No
AJ	Septoplasty + revision mini-FESS + division of adhesions	Recirculation	B	No
AJ	Revision left endoscopic sinus surgery + septoplasty + outfracture ITs	Left frontal mucocele	L	No
WA	Revision full house FESS	CRS	B	No
IH	Left endoscopic medial maxillectomy + right FESS	CRS + CF	B	No
IH	Septoplasty + bilateral MMA	Septal deviation + silent sinus	B	No
AJ	Bilateral medial maxillectomies + bilateral FESS (draf 2a bilateral) + inferior turbinate reduction	CRS	B	No
AJ	Septoplasty with bilateral endoscopic sinus surgery (draf 2b bilaterally) with bilateral medial maxillectomies	CRS	B	No
WA	Right ESS	Post DCR scarred off max + ethmoids + frontals	R	No
AJ	Revision bilateral ESS + septal perforation repair with temporalis fascia	CRS	B	No
IH	Revision bilateral ethmoids and frontals	CRS, with previous radiation therapy	B	No
AJ	Revision right endoscopic sinus surgery + septoplasty + endoscopic medial maxillectomy	Right maxillary mycetoma	R	No

AJ	Revision bilateral endoscopic sinus surgery + revision septoplasty + bilateral medial maxillectomies + division of intranasal synechia	CRS + recirculation + nasal obstruction	B	No
IH	Right medial maxillectomy + revision anterior ethmoids	CRS	R	No
IH	Revision full house ESS (left max, bilateral sphenoids, bilateral frontals)	Previous endo ACFR, now mucocoeles in frontals and sphenoids.	B	No
IH	Bilateral ESS (max, ethmoids and frontals) + septoplasty + inferior turbinate reduction	CRS	B	No
WA	Bilateral revision ESS + bilateral mega-antrostomies + bilateral draf 2b	CRSwNP	B	No
IH	Left endoscopic medial maxillectomy + left revision ethmoid, sphenoidotomy and frontal sinusotomy + right maxillary antrostomy	CRS	B	No
AJ	Right endoscopic medial maxillectomy + revision full FESS	CRS	B	No
AJ	Bilateral ESS + septoplasty + inferior turbinate reduction	CRS	B	No
WA	Revision bilateral ESS + bilateral endoscopic medial maxillectomies	CF + CRS	B	No
WA	Revision bilateral max + ethmoids, right frontal exploration	CRS	B	No
IH	Right medial maxillectomy	CRS	R	No
IH	Bilateral revision comprehensive ESS	CRS	B	No
IH	Revision left comprehensive (including draf 2b) + right ethmoid and sphenoid + sphenoid sinus drill out	CRS	B	No
IH	Right endoscopic medial maxillectomy + septoplasty	CRS	R	No
AJ	Revision left endoscopic medial maxillectomy	CRS	L	No
WA	Revision comprehensive ESS + bilateral draf 2b + turbinate reduction	CRS	B	No
WA	Revision right maxillary antrostomy + right inferior turbinate reduction	CRS	R	No
IH	Revision right maxillary antrostomy + bilateral inferior turbinate reductions	Recirculation + nasal obstruction	B	No
IH	Septoplasty + inferior turbinate reduction + right medial maxillectomy	Recurrent mycetoma	R	No
WA	Revision bilateral maxillary antrostomy + right vivair	Right nasal valve collapse, chronic maxillary sinusitis	B	No
WA	Revision bilateral comprehensive ESS (right draf 2b)	CRS with CF	B	No
IH	Revision bilateral max + ethmoids + sphenoids + right frontal exploration + septoplasty	CRS	B	No
AJ	Revision bilateral comprehensive ESS	CRS	B	No
AJ	Revision bilateral limited ess	Re-circulation	B	No
AJ	Revision full ESS + septoplasty + bilateral medial maxillectomies	CRS	B	No
WA	Revision full ESS + sphenoid nasalization + revision draf 3	Recalcitrant CRS	B	No
WA	Revision right maxillary antrostomy + injection of filler into inferior turbinate and inferior meatus	Re-circulation + empty nose syndrome	B	No
IH	Bilateral medial maxillectomies + bilateral ESS + septoplasty	CRS	B	No
IH	Bilateral revision maxillary antrostomies + right revision total ethmoidectomy with frontal sinusotomy + septoplasty + inferior turbinate reduction	CRS	B	No
IH	Right revision medial maxillectomy	Recalcitrant maxillary sinusitis	R	No
AJ	Septoplasty + revision full ESS	CRS	B	No
WA	Revision comprehensive ESS (draf lib on right)	CRS + crouzons	B	No
AJ	Revision bilateral comprehensive ESS + right medial maxillectomy + left draf 2b	CRS	B	No
AJ	Division of right sinonasal synechia + revision maxillary antrostomy + frontal sinusotomy	Obstruction from NSF	R	No

AJ	Division of intranasal synechia + endoscopic septoplasty + revision right comprehensive ESS	Previous endoscopic approach to sphenoid wing meningioma	R	No
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Standalone balloon sinuplasty. Notes should specify location (OR or office) and which side(s) of each sinus were done. Hybrid ESS/balloon cases should be listed in the primary or revision ESS category, as appropriate.

Attending	Procedure	Indication/Diagnosis	OR or office?	Maxillary (R,L,B)	Frontal (R,L,B)	Sphenoid (R,L,B)
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Extended frontal sinus surgery or surgery for complex frontal anatomy should be included here. Please specify indication/diagnosis, including AFRS, ASA triad, Use this section for frontal inflammatory disease. Frontal sinus tumors and trauma should be logged in the sinonasal tumor and trauma sections, respectively. Specify any external approach performed.

Attending	Procedure	Indication/Diagnosis	Side (R,L,B)	Drill Used?	External approach?
	Right draf 2b + endoscopic		R	Y	
AJ	septoplasty	Post orbital decompression			No
AJ	Draf 3 + revision full house FESS	CRS	B	Y	No
	External approach to the frontal sinus		L	Y	Yes
AJ	with sinus obliteration	Sino-cutaneous fistula			
AJ	Draf 3 + revision full house FESS	CRS	B	Y	No
	Draf 3 + revision full house FESS +		B	Y	No
AJ	bilateral medial maxillectomies	CRS			No
	Right draf 2a + revision anterior		R	Y	No
WA	ethmoids	CRS with multiple previous FESS			No
AC	Draf 3 + bilateral full house FESS	AFRS	B	Y	No
	Draf 3 + bilateral full house FESS +		B	Y	No
AJ	bilateral medial maxillectomies	Previous ESS + frontal mucocoele			No
		Previous ESS with pansinusitis (CRS) +	B	Y	No
IH	Revision full house ESS + draf 3	concern for frontal disease			No
AJ	Revision full house ESS + draf 3	Complex frontal anatomy + CRS	B	Y	No

Benign and malignant sinus tumors where no dural dissection is required. Specify any external approach performed

Diagnosis should report histopathology, but please also specify whether benign (B) or malignant (M) and anatomic location(s) (eg R ethmoid, R ethmoid).

Attending	Procedure	Indication/Diagnosis	B or M?	Location
IH	Left endoscopic medial maxillectomy	IP	B	Medial wall of maxillary sinus
IH	Left endoscopic medial maxillectomy	Mucosal melanoma	M	Subtotal resection of MM from OSH, thought to be arising from the posterior aspect of the middle turbinate. Severe melanosis throughout nasal cavity.
IH	Right full house FESS	HPV multi-phenotypic sinonasal carcinoma	M	Subtotal resection of lesion from OSH, thought to arise from the MT
WA	Left Denkers	IP	B	Broad attachment along superomedial maxillary sinus, extending onto uncinate and lamina
AJ	Left maxillary antrostomy + anterior ethmoidectomy	IP	B	Posterolateral maxillary sinus
AJ	Left full-house FESS	Lymphoma	L	No
AJ	Right endoscopic sinus surgery + medial maxillectomy	NK T cell lymphoma	B	Infiltrating lesion within the ethmoids, maxilla, septum and middle turbinate
AJ	Left endoscopic medial maxillectomy + biopsy of mass in PPF	Concern for PA transformation	B	Within the medial pterygoid muscle.
WA	Left revision sinus surgery + medial maxillectomy + PPF exploration + transpterygoid approach to the sphenoid + draf 2b	Recurrent IP	B	Along residual lamina and posterior wall of maxillary sinus
AJ	Right Denkers	Recurrent IP	B	Inferior max wall
AJ	Left full-house FESS + excision of sinonasal lesion + SPA ligation	IP	B	Left lateral nasal wall, close to SP foramen
AJ	Revision right lacrimal sac SCC excision + drilling periosteum off nasal bones + free mucosal grafts	SCC	M	Right lacrimal sac
AJ	Excision of right sinonasal mass	Schwannoma	B	Appeared to be arising from skull base
AJ	Right full house FESS + excision of sinonasal lesion + excision of nasolacrimal duct	SCC in situ	B	Papillomatous lesion appeared to be arising from the middle turbinate, with part extending into the lacrimal sac through previous DCR
IH	Left full house FESS + debulking of sinonasal lesion	Mucosal melanoma	M	Broad, plaque like attachment along septum, skull base and into lateral nasal wall
AC	Left max, ethmoids and sphenoidotomy + excision of sinolasal lesion	IP	B	Arising from hyperostosis on anterolateral surface of sphenoid
IH	Revision endoscopic medial maxillectomy + resection of tumour	Mucosal melanoma	M	Arising from broad area - septum, lateral nasal wall, vestibule. Had previously had a medial maxillectomy (5 years prior for same)
AJ	Left resection of lesion + full house FESS (inc draf 2b) + partial orbital decompression	IP	B	Left high lamina, close to frontal recess.
AJ	Osteoplastic flap + bilateral full house FESS + transorbital approach + Draf 3 + resection of tumour	Osteoma	B	Posterior table of frontal
WA/KM	Transorbital + transnasal resection of frontal osteoma (inc Draf 3)	Osteoma	B	Anterior table of frontal
WA	Transphenoidal approach to clival mass	Likely met from salivary gland	M	Within clivus
IH	Left endoscopic medial maxillectomy + septoplasty + anterior ethmoids	IP	B	Superoposterior wall of max
AC	Revision right endoscopic sinus surgery + excision of lesion + draf 2a	IP	B	Diffuse within ethmoids and frontal recess, extending into frontal sinus proper
IH	Excision of recurrent right frontal sinus mucosal melanoma	Mucosal melanoma	M	Right frontal outflow tract

AJ	Assessment of nasal cavity + debulking of sinonasal mass + biopsies	Lymphoma	M	Posterior ethmoids
AJ	Left endoscopic resection of sinus tumour + full FESS + septoplasty + draf 2b + AEA ligation	Adenoid cystic carcinoma	M	Ethmoid skull base, attached to AEA
WA	Right endoscopic Denkers + PPF dissection + ITF dissection + paramaxillary approach + maxillary artery ligation	V3 schwannoma	B	Foramen ovale, extending into PPF + ITF + parapharyngeal space
AJ	Resection of MM from right septum + reconstruction (posterior septectomy with reverse flap)	Mucosal melanoma	M	Right anterior septum, extending onto floor
IH	Resection of right sinonasal tumor + excision of inferior turbinate + medial maxillectomy	HPV multi-phenotypic sinonasal carcinoma	M	Right inferior turbinate
AJ	Right endoscopic Denkers + right full-house FESS + resection of lesion	Glomangiopericytoma	B	Right maxillary sinus - posterolateral aspect
WA	Revision endonasal, transmaxillary, transpterygoid, transphenoidal resection of lesion	Schwannoma	B	PPF + IFT + sphenoid
WA	Right functional endoscopic sinus surgery + denkers + ITF dissection	Glioma	B	Intracranial, extending into orbit, ITF, PPF and PPS. NSx did bifrontal craniotomy for intracranial portion. Tumour around carotid and cavernous not dissected.
AJ	Bilateral full house FESS + draf 3 + resection of tumour	IP	B	Left frontal posterior table
AJ	Left maxillectomy, partial rhinectomy, neck dissection, orbital decompression, bilateral neck dissection, bilateral endoscopic sinus surgery, Draf 3 and ALT reconstruction	SCC	M	Ethmoid sinus, extending intraorbit, into skin and maxillary sinus
IH	Left endoscopic sinus surgery with resection of left middle turbinate and resection of lesion	IP	B	Left posterior ethmoid
IH	Right full ESS + extended approach to the sphenoid sinus	IP	B	Sphenoid - carpet like
WA	Palliative debulking of large sinonasal lesion	RCC	M	Ethmoid
IH	Revision excision of sinonasal lesion	Recurrent sinonasal adenocarcinoma	M	Nasal floor
AJ	Septoplasty + left modified Denkers + SPA ligation + left full FESS	IP	B	Posterior wall of maxillary sinus
LO	Left max + anterior ethmoids + frontal dissection	IP	B	Appeared within single blown out ethmoid cell within frontal sinus
WA	Left medial max + anterior ethmoids + resection of tumor	IP	B	Posterior wall of maxillary sinus
AJ	Bilateral mini-FESS + draf 3 + resection of tumor	IP	B	Posterior table of left frontal
IH	Left endoscopic sinus surgery + carolyn's window + resection of lesion	Mucosal melanoma	M	Left nasal bone region
AJ	Bilateral limited ESS + draf 3 + removal of left frontal sinus osteoma + nasal floor graft	Osteoma	B	Posterior table of frontal
WA	Left medial maxillectomy + resection of lesion	Oncocytic papilloma	B	Posterior aspect of max
WA	Excision of recurrent mucosal melanoma	Mucosal melanoma	M	Nasal floor, soft palate, lateral nasal wall
AJ	Bilateral endoscopic sinus surgery + draf 3 + resection of right frontal bone lesion	Ossifying fibroma	B	Posterior table of frontal

AJ	Left ESS + DCR + excision of lesion + SPA ligation + PPF dissection	Mucosal melanoma	M	Posterior wall of maxillary sinus
WA	Left ESS + denkers approach + maxillary artery ligation + PPF dissection + ITF dissection + resection of lesion	V2 schwannoma	B	V2
IH/NL	Bilateral comprehensive ESS + bicoronal approach with debulking of fibrous dysplasia	Fibrous dysplasia	B	Frontal bone (anterior and posterior table, cribriform, crista galli)
AJ	Left Denkers approach + resection of lesion	IP	B	Lateral aspect of maxillary sinus
AJ/SE	Bilateral full ESS + Draf 3 + osteoplastic flap + resection of inverting papilloma	IP	B	Posterior table of frontal (HUGE!!!!!!)
AJ	Right denkers + right ethmoid + right frontal + right sphenoid + resection of tumor + septoplasty	OKC	B	Maxillary tooth
WA	Right limited ESS + resection of ethmoid osteoma	Osteoma	B	Lamina within anterior ethmoids
AJ	Bilateral comprehensive ESS + resection of left IP + septoplasty	IP (incidental)	B	Lamina
AJ	Salvage nasopharyngectomy	Recurrent NPC	M	Right nasopharynx
AJ	Extended endonasal approach to skull base tumor + resection + draf 3 + maxillary + anterior ethmoid	SNUC	M	Posterior table frontal sinus
IH	Septoplasty + comprehensive sinus surgery + debulking of lesion	REAH	B	Olfactory cleft
IH	Left ESS + revision reconstruction of MM	Mucosal melanoma	M	Multi-focal, skull base (at previous reconstruction), left sphenoid sinus
AJ	Right ESS + Denkers + right ITF exploration + resection of lesion	Malignant spindle cell neoplasm	M	Right ITF/posterolateral maxillary sinus
AJ	Right medial maxillectomy + clipping of SPA + resection of metastasis	Esthesioneuroblastoma	M	Posterior aspect of IT
AJ	Right ESS + medial maxillectomy + SPA ligation + resection of lesion + PPF resection	Mucosal melanoma	M	Middle turbinate connection to lateral nasal wall
AJ	Left ESS + medial maxillectomy + resection of lesion	IP	B	Floor of maxillary sinus, on tooth root!
AJ	Bilateral ESS + bilateral medial maxillectomy + resection of right ethmoid osteoma	Osteoma	B	Ethmoid skull base, attached to AEA

Pituitary. Notes should specify the histologic diagnosis and whether leak was encountered/repaired.

Attending	Procedure	Indication/Diagnosis	Primary vs Rev?	CSF leak?	Repair
AJ	Transssphenoidal approach to pituitary	Apoplexy	Primary	Yes	Fat, fascia lata, NSF, surgicell, , nasopore
WA	Transssphenoidal approach to pituitary	Rathkes cleft cyst	Primary	No	No repair - left open
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Gelfoam, surgicell, free mucosal graft (MT), tisseal, nasopore, posisePX
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Gelfoam, surgicell, free mucosal graft (nasal floor), tisseal, nasopore
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Unsure - was not there for the end
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Gelfoam, surgicell, alloderm, NSF, tisseal, nasopore, gloved merocel, doyles
KM	Transssphenoidal approach to pituitary	Microadenoma	Primary	No	Gelfoam, surgicell
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Gelfoam, surgicell, free mucosal graft (MT), tisseal, nasopore, posisePX
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicel wrapped gelfoam, nasopore
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicel, bone, NSF, surgicel, gelfoam, tisseal, nasopore, merocel
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Free mucosal graft (MT), surgicel, tisseal nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary + bilateral endoscopic sinus surgery	Macroadenoma	Primary	No	Unsure - was not there for the end
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Gelfoam, surgicel, free mucosal graft, gelfoam, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary + nasal floor graft	Macroadenoma	Primary	No	Fat in sella, gelfoam, surgicel, free mucosal graft (floor), surgicel, tisseal, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary + nasal floor graft	Macroadenoma	Revision	No	Fat in sella, gelfoam, surgicel, free mucosal graft (floor), surgicel, tisseal, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Revision	No	NSF, surgicel, tisseal, nasopore, posisePX, doyles
AJ	Transssphenoidal/trans tubercular approach to pituitary	Macroadenoma	Primary	Yes	Fat, fascia lata, NSF, surgicell, , nasopore, gelfoam, merocels, doyles
AJ	Transssphenoidal/trans tubercular approach to pituitary	Macroadenoma	Revision	Yes	Had to leave
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicel, gelfoam, surgicel, tisseal, posisePX
AJ	Transssphenoidal approach to pituitary	Microadenoma	Primary	No	Gelfoam, surgicel, free mucosal graft, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary	Microadenoma	Primary	No	Gelfoam, surgicel, free mucosal graft, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Fat, fascia lata, NSF, surgicell, , nasopore, gelfoam, merocels, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Gelfoam, surgicel, free mucosal graft, nasopore, posisePX, doyles
IH	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Unsure - was not there for the end
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Revision	No	Gelfoam, surgicel, free mucosal graft, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary	Microadenoma	Primary	Yes	Gelfoam, surgicel, mini-NSF, surgicel, gelfoam, tisseal, nasopore, posisePX, doyles
AJ	Transssphenoidal approach to pituitary	Apoplexy	Primary	No	Gelfoam, surgicel, free mucosal graft, surgicel, nasopore, posisePX, doyles
IH	Transssphenoidal approach to pituitary	Microadenoma	Primary	No	Unsure - was not there for the end
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Gelfoam, surgicel, fascia, fat, NSF, nasopore, tisseal, posisePX, merocel, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicel, gelfoam, fascia, fat (in clival recess), NSF, nasopore, tisseal, posisePX, merocel, doyles
AJ	Revision transphenoidal approach to pituitary	Rathkes cleft cyst	Primary	No	NSF, silastic, surgicel, tisseal, posisePX, doyles

AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Sugicell, NSF, nasopore, tisseal, posiseptX, doyles
AJ	Transssphenoidal approach to pituitary	Apoplexy	Primary	No	Surgicel, fat, surgicel, NSF, surgicel, nasopore, tisseal, posiseptX, doyles
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicel, NSF, surgicel, tisseal, nasopore, merocel
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicel, NSF, surgicel, tisseal, nasopore, merocel
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicell, tisseal, nasopore
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicell, tisseal, nasopore, doyles
AJ	Transssphenoidal approach to pituitary	Apoplexy	Primary	No	Surgicell, gelfoam, fat, NSF, surgicell, nasopore, tisseal, posiseptX, doyles
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicell, gelfoam, free mucosal graft, surgicell, tisseal, nasopore
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicell, gelfoam, free mucosal graft, surgicell, tisseal, nasopore
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicell, alloderm, NSF, surgicell, gelfoam, tisseal, gloved merocel
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicell, fat, fascia, surgicell, NSF, surgicel, nasopore, tisseal, doyles
WA	Revision transssphenoidal approach to pituitary	Macroadenoma with residu	Revision	No	Surgicell, gelfoam, free mucosal graft, surgicell, tisseal, nasopore
WA	Transssphenoidal approach to pituitary	Microadenoma	Primary	Yes	Surgicell, gelfoam, NSF, surgicell, gelfoam, tisseal, merocel, doyles
WA	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicell, gelfoam, NSF, surgicell, gelfoam, tisseal, merocel, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	Yes	Surgicell, fat, NSF, surgicell, nasopore, tisseal, doyles
WA	Transssphenoidal approach to pituitary	Apoplexy	Primary	Yes	Surgicell, gelfoam, NSF, surgicell, gelfoam, tisseal, merocel, doyles
AJ	Transssphenoidal approach to pituitary	Macroadenoma	Primary	No	Surgicell, gelfoam, free mucosal graft, mucosal hug, tisseal, nasopore, posiseptX, doyles

Primary, iatrogenic, or post traumatic CSF leaks/encephaloceles. Notes should specify location (eg R ethmoid, L sphenoid), and diagnosis (eg BIH, trauma, iatrogenic).

Attending	Procedure	Indication/Diagnosis	Location	Etiology	Repair
AJ	Left FESS + flurosciene intrathecal + NSF + repair CSF leak	Traumatic CSF leak not responding to considerative measures	Sella	Fracture	Fascia, surgicell, NSF, nasopore, tisseal, merocel in glove
IH	Right FESS + EVD + flurosciene	Idiopathic CSF leak	Negative exploration	Idiopathic	Nil
AJ	Left FESS + flurosciene intrathecal + MT graft + repair CSF leak	IIH with leak	Cribriform	IIH	Alloderm, MT mucosal graft, surgicell, tisseal, gelfoam, posiseptX
WA	Transnasal approach to the sphenoid + flurosciene intrathecal + right NSF + decompress encephalocele + repair skull base defect	IIH with leak	Sphenoid	IIH	Alloderm, NSF, surgicel, gelfoam, tisseal, nasopore, gloved merocel
WA	Left FESS + nasal floor graft + repair of skull base defect	Idiopathic CSF leak	Cribriform	Idiopathic	Nasal floor graft, surgicel, gelfoam, tisseal, nasopore, gloved merocel
IH	Left FESS + septoplasty	Idiopathic CSF leak	Negative exploration	Idiopathic	Nil
AJ	Left FESS + nasal floor graft + repair of skull base defect + flurosciene intrathecal	Idiopathic CSF leak	Cribriform	Idiopathic	Nasal floor graft, surgicel, gelfoam, tisseal, nasopore, doyle
IH	Right FESS + EVD + flurosciene + repair of skull base defect	IIH with leak	Sphenoid (planum)	IIH	Nasal floor, surgicel, gelfoam, tisseal, nasopore
AJ	Revision transnasal approach to sphenoid + right transpterygoid approach (inc SPA ligation) + left NSF + repair of bilateral lateral sphenoid encephaloceles	IIH with leak	Sphenoid (lateral recess bilateral	IIH	Fat, fascia, surgicel, NSF, tisseal, nasopore, doyles
AJ	Cranialization of frontal sinus + revision left FESS + repair of CSF leak + nasal floor graft	Intracranial abscess following balloon of frontal at OSH + leak at cribriform	Cribriform	Trauma	Fulgurized, free mucosal graft, surgicell, tisseal
AJ	Left full ESS + transphenoidal approach + left transpterygoid approach (with SPA ligation) + right NSF + repair of CSF leak	IIH with leak	Lateral sphenoid recess	IIH	Fulgurized, fascia, fat, NSF, tisseal, nasopore, doyles
AJ	Bilateral full ESS + extended transphenoidal approach + NSF	IIH with leak + encephaloceles	Posterior ethmoid	IIH	Fulgurized, fascia, fat, NSF, tisseal, surgicell, nasopore, doyles
WA	Bilateral ESS + re-elevation of NSF + repair of CSF leak	CSF leak following ETSS	CSF tracking around defect	Post-operative	Fascia, bone, NSF, surgicel, tisseal, nasopore, merocel

Skull base surgery requiring dural dissection/repair. Specify any external approach performed.

Diagnosis should refer to histopathology but please also specify whether benign (B) or malignant (M) and anatomic location (eg clivus, planum,

Attending	Procedure	Indication/Diagnosis	B or M?	Location	Repair
AJ	Transtabercular approach to intracranial lesion	Oncocytoma	B	Massive suprasella mass, compressing optic chiasm and into 3rd ventricle	Fat, fascia, surgicel, NSF, tisseal, nasopore, gloved merocel, doyles
AJ	Extended endoscopic resection of anterior cranial fossa	Olfactory groove meningioma	B	Olfactory groove	Abdominal fascia, surgicel, NSF, free mucosal graft (MT), tisseal, nasopore, gelfoam, gloved merocel
AJ	Extended transnasal resection of clival tumour + NSF + endoscopic sinus surgery	Clival chordoma	B	Clivus	Fat, fascia, surgicel, NSF, nasopore, tisseal, gelfoam, gloved merocel, doyles
WA	Transtabercular approach to intracranial lesion + bilateral full ESS	Meningioma	B	Sella, tuberculum and planum, small area of ethmoid skull base	Fat, fascia, surgicel, NSF, nasopore, tisseal, gelfoam, gloved merocel, doyles
AJ	Transtabercular approach to intracranial lesion + endoscopic sinus surgery	Craniopharyngioma	B	Sella, suprasella and 3rd ventricle	Surgicel, fascia, surgicel, NSF, fascia, nasopore, tisseal, gelfoam, gloved merocel, doyles
IH	Extended endoscopic resection of anterior cranial fossa (comprehensive ESS + draf 3)	Esthesioneuroblastoma	M	Olfactory cleft	Duragen, gelfoam, surgicel, fat, NSF, gelfoam, nasopore
WA	Extended endonasal approach to the skull base + resection of chordoma + left NSF	Clival chordoma	B	Clivus	Fascia, surgicel, fat, NSF, surgicel, gelfoam, tisseal, merocel, doyles
AJ	Endonasal anterior cranial fossa resection, biopsy of dura, CSF leak repair, bilateral FESS (max, eth, sphenoid), left orbital apex decompression, NSF, septoplasty	SNUC	M	Ethmoid planum	Alloderm (dural underlay), NSF, surgicel, tisseal, nasopore, gelfoam, merocel, psosepx, doyles
AJ	Bilateral ESS + transtabercular approach to intracranial lesion + NSF	Craniopharyngioma	B	Sella	Fat, fascia, surgicel, NSF, tisseal, nasopore, merocel, doyles

Orbital surgery including DCR, orbital/optic nerve decompression, and orbital tumors. Notes should specify indication (eg Graves'!

Attending	Procedure	Indication/Diagnosis
AJ	Right full FESS + orbital decompression	Thyroid eye disease
AJ + RG (opthal)	Bilateral endoscopic sinus surgery + septoplasty + inferior turbinate reduction + orbitotomy	Complicated acute CRS
AJ	Extended endoscopic endonasal approach + right endoscopic right optic nerve decompression + resection of optic canal lesion	Right optic canal haemangioma
AJ	DCR	Left epiphoria - NLD obstruction
AJ	Left DCR + FESS	Left epiphoria - NLD obstruction + CRS
AJ	Left FESS + orbital decompression (inferior and medial)	Thyroid eye disease
AJ	Revision left DCR	NLDO
AJ	Left full FESS + orbital decompression + septoplasty	Thyroid eye disease
AJ	Left mini-FESS + revision DCR	NLDO
AJ	Septoplasty + left mini-FESS + left revision DCR	NLDO
AJ	Revision right DCR	NLDO (previous facial trauma)
AJ	TONES + biopsy of orbital apex lesion	Left V2 lesion
AJ	Bilateral full ESS + bilateral medial and inferior decompressions	Thyroid eye disease
AJ	Bilateral full ESS + bilateral medial and inferior decompressions	Thyroid eye disease
AJ	TONES + excision of sphenoid wing meningioma	Sphenoid wing meningioma
AJ	Septoplasty + bilateral comprehensive ESS + removal of infected orbital implant	Infected orbital implant
AJ	Resection of right lacrimal sac + denkers approach + full ESS + nasal floor graft + septoplasty	Lacrimal sac BCC (invasive)
AJ	Revision right DCR	NLDO, previous open DCR failed
AJ	Bilateral full ESS + bilateral medial and inferior decompressions	Thyroid eye disease
AJ	Right ESS + optic nerve decompression	Metastasis causing optic nerve compression
IH	Left DCR	NLDO

s, trauma, tumor).

Rhinoplasty. Notes should specify functional versus cosmetic and open versus closed.

Attending	Procedure	Functional or Cosmetic?	Open or Closed?	Other Notes
AJ	Closed septal reconstruction	Functional	Closed	

Includes fractures involving frontal, LeFort, zygomatic, NOE, and/or mandible. Notes should specify fracture type(s).

Include closed reduction of nasal bones in miscellaneous category.

Attending	Procedure	Fracture Type	Other Notes
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All other cases including but not limited to:
nasal airway surgery (eg septoplasty, turbinate reduction), adenoidectomy,
epistaxis surgery (TESPAL, IMAX or AE ligation, laser, HHT surgery),
biopsy, septal papilloma, closed reduction, septal hematoma.....

Attending	Procedure	Indication/Diagnosis	External approach?
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
WA	Transnasal drainage of retropharyngeal abscess	Retropharyngeal abscess	No
WA	Rhinaear - bilateral	Rhinitis	No
WA	Re-look FESS + right sphenoidotomy + right posterior ethmoidectomies + left medial maxillectomy	Chronic invasive fungal sinusitis	No
AC	EUA sinonasal cavity + coblation telangectasias	HHT	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
WA	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Bilateral sphenoidotomies with biopsy	MDS with concern for transformation into malignancy	No
LO	Examination of nasal cavity + sinuses + cautery of epistaxis	Post-op epistaxis, not responsive to conservative management	No
AJ	Examination of nasal cavity + sinuses + cautery of epistaxis + SPA ligation	Post-op epistaxis, not responsive to conservative management	No
AJ	Bilateral SP3	Rhinitis	No
WA	SPA ligation (left)	Recurrent epistaxis	No
AJ	Bilateral SP3	Rhinitis	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No
LO	DL	Neck stabbing with concern for pharyngeal injury	No
IH	Open biopsy of frontal bone	Atypical appearing bone	Yes
LO	Re-look FESS	IFS	No
IH	Bilateral SP3	Vasomotor rhinitis	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Debridement of nasal cavity + extubation in OR	Previous large volume epistaxis	No
AJ	Radiofrequency ablation of bilateral nasal nerves	Rhinitis	No
WA	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
WA	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	SP3	Rhinitis	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AC	Inferior turbinate reduction	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Endoscopic debridement + cautery of epistaxis + insertion of doyle splints	Mucositis from biologics for breast cancer treatment	No
LO/NB	Exploration of neck wound + tracheal reconstruction	GSW	Yes
LO	Excision of pyogenic granuloma from inferior turbinate	Epistaxis	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Right SPA ligation	Epistaxis	No
WA	Bilateral SP3	Rhinitis	No

IH	Excision of pyogenic granuloma from septum	Epistaxis	No
AJ	Intubation in OR	Airway obstruction	No
AC	Septoplasty + inferior turbinate reduction + right concha bullosa resection	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	Septoplasty + inferior turbinate reduction + right concha bullosa resection	Nasal obstruction	No
LO	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Right FESS + biopsy of skull base lesion	Right skull base lesion	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Right neck exploration	Foreign body within SCM (injection needle)	No
AJ	Nasopharyngeal biopsy	Unclear nasopharyngeal lesion	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	Biopsy of inferior turbinate	B cell lymphoma - need further tissue for subtyping	No
AJ	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AC	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
WA	Biopsy of intranasal lesion	Large destructive nasal lesion	No
AJ	EUA sinonasal cavity + coblation telangectasias	HHT	No
AJ	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	Revision septoplasty + reduction of inferior turbinates	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Exploration of anterior neck	NSTI	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Biopsy of skullbase lesion	Previous sinonasal SCC, new lesion	No
IH	Bilateral SP3	Rhinitis	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
AJ	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	Left ESS (max, complete ethmoids, sphenoid) + biopsy of PPF lesion	PPF lesion	No
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	Inferior turbinate reduction	Nasal obstruction	No
IH	Endoscopy and debridement	Post-op crusting, did not tolerate debirdement	No
LO	Endoscopy + arrest of epistaxis + SPA ligation	Epistaxis	No
AC	Repair of bilateral choanal atresia	Nasal obstruction	No
WA	Transnasal approach to sphenoid + biopsy of lesion	Large skull base mass	No
WA	Turbinate reduction	Nasal obstruction	No
AJ	Biopsy right nasopharynx	Nasopharyngeal mass	No
AJ	Arrest of epistaxis + SPA ligation	Epistaxis	No
IH	Biopsy skullbase mass	Olfactory cleft lesion	No
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No

AJ	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	EUA sinonasal cavity + arrest of post-operative epistaxis	Post-op epistaxis	No
AJ	SP3	Rhinitis	No
AJ	EUA sinonasal cavity + arrest of post-operative epistaxis	Post-op epistaxis	No
WA	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
LO	Debridement of face and neck	NSTI	Yes
LO/NB	DL + esophagoscopy	Neck trauma - concern for visceral injury	Yes
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
IH	EUA sinonasal cavity and oral cavity + coblation telangectasias	HHT	Yes
AJ	Endoscopic septoplasty + division of adhesions + inferior turbinate reduction	Nasal adhesions post ETSS (performed by NSx)	No
LO	Septoplasty + left ESS + biopsy	Metastatic HPV + SCC (biopsy)	No
IH	Septoplasty + inferior turbinate reduction	Nasal obstruction	No
WA	Left endoscopic medial maxillectomy + maxillary artery ligation + biopsy of ITF mass	Schwannoma	No
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	Repair of septal perforation	Septal perforation	No
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No
IH	Biopsy of collumella lesion	Benign vascular proliferation	Yes
IH	EUA sinonasal cavity + coblation telangectasias	HHT	No
AJ	Control of epistaxis	Large vascular conglomerate on apixaban (can't come off)	No