

Table 1:
patient demographics, medical history, surgeries, and vocal cord assessments

Patient	Gender	Age	Medical History	Hemi/Total	Neck Dissection	Single procedure/ Completion	Rt IUA	Rt FNE	Lt IUA	Lt FNE
A	Female	9.6	BMT	Total	Level 6	Completion	S/P	Normal	Normal	Normal
B	Female	15.9	Hypothyroidism	Total	Level 6	Completion	Normal	Normal	Normal	Normal
C	Male	16.3	BMT + Chemotherapy	Hemi			Normal	Normal	Normal	Normal
D	Female	14	N/A	Hemi			Normal	Normal	Normal	Normal
E	Male	16.3	N/A	Total	Level 6	Single procedure	Normal	Normal	Normal	Normal
F	Female	9	N/A	Total		Single procedure	Normal	Normal	S/P	Normal
G	Male	12.5	N/A	Hemi			Normal	Normal	Normal	Normal
H	Male	6.1	N/A	Hemi			Normal	Normal	S/P	Paralysis
I	Female	13.8	N/A	Hemi			Normal	Normal	Normal	Normal
J	Male	9.8	Hypothyroidism	Hemi			Normal	Normal	Normal	Normal
K	Female	11.4	N/A	Total	Level 2-4,6	Single procedure	Normal	Normal	Normal	Normal
L	Female	7.9	MEN2A mutation	Total		Single procedure	Normal	Normal	Normal	Normal
M	Female	11.3	N/A	Total	Level 6	Single procedure	Normal	Normal	Normal	Normal

Rt= Right, Lt= Left, IUA= Intraoperative Ultrasonographic Assessment, FNE= Flexible Nasoendoscopy, S/P= suspected paresis

Table 2:**Patients cytology and pathology results**

Patient	Right lobe			Left lobe			Neck Pathology
	Nodule	FNA	Pathology	Nodule	FNA	Pathology	
A		No FNA	Benign	4 cm	B2	PTC	NED
B	3 cm	B4	PTC		No FNA	Benign	NED
C	1.2 cm	B4	Benign				
D	1.8 cm	B4	Benign				
E	1.8 cm	B6	PTC	0.8 cm	B6	PTC	Metastatic PTC
F	1.2 cm	B3	Benign	1.3 cm	B3	Benign	
G	2.5 cm	B3	Benign				
H				3.1 cm	B2	Benign	
I				2 cm	B4	Benign	
J	2.7 cm	B3	Benign				
K	2.8 cm	B6	PTC	1.5 cm	B6	PTC	Metastatic PTC
L	0.3 cm	No FNA	Benign	0.2 cm	No FNA	Benign	
M		B1	PTC	1.3 cm	B1	Benign	NED

Table 3

Results of intraoperative ultrasonographic assessments (IUA) of vocal cords, compared to flexible nasoendoscopy (FNE)

IUA	Percentage of VC (n=20)
Correct Assessment	90%
Incorrect Assessment	10%
Sensitivity	100%
Specificity	89%
Positive Predictive Value (PPV)	33%
Negative Predictive Value (NPV)	100%