Appendix B PREOPERATIVE AIRWAY ASSESSMENT

Prediction of the Difficult Airway: A Useful Clinical Assessment Model

Location	: Date:	Age (yrs):	Gender:	Height:	Weight:	BMI (kg/m²):		
Hermann			Male					
LBJ			Female	Indicate cm or inches	Indicate kg or lb			
Assessm	ent Completed b	oy:	•	· · · · · · · · · · · · · · · · · · ·				
	-	able: PGY1 PGY2				-		
_				☐ Airway already secure	d (Davisa:			
□ FaStII	istory of difficult lift			☐ Allway alleady secure	d (Device			
			PREOPERA	TIVE PHASE				
Distances	<u> </u>			Neck Mobility:				
Neck circumferencecm Maximum distance around neck at thyroid cartilage level					With patient sitting upright, place one index finger on the patient's chin and one index finger on the occipital bone. Ask the patient to			
I-ID				completely extend the	completely extend the head on the neck. The finger on the chin is (CM= cervical mobility):			
(Inter-incisors)cm Distance between inferior/superior incisors with mouth fully open (gap between alveolar arches if no teeth)				,	Higher than the one on the occipital			
TMD		cm Distance between superior	r anterior part of the thyroi		bone CM normal (Gra	•		
(Thyromental) cartilage and chin v			ead extended and mouth	[[[]] [] [] [] [] [] [] [] [Same level CM some limita			
SMD		cm Distance between the ster	nal notch and chin with	→ {	<u> </u>	one on the occipital		
(Sternomen	tal)	head extended and mouth clo	sed.	, '	bone CM moderate/s	evere limitation		
Mallampat	i: (Circle)				(Grade 3)			
	(45) (A	The state of the s			: (Wilson's test or retrogo ar forward as possible, th			
					(Lower teeth can be advanced be			
				☐ Position B	(Lower teeth can be advanced ev	ven with upper teeth)		
	l I	I III	IV	☐ Position C	(Lower teeth cannot reach upper	teeth)		
CHECK A	LL CONDITIONS	S THAT EXIST:		·				
		na/Pathology:						
	dentulous:				. , ,			
				3				
		(external):		,				
		(internal):		□ Tracheal trauma: □ Tracheal deviation:				
□ N:	asaı deformity:		☐ Tracheal deviation	on:				
Comments & Explanations:								
	ļ							

Expected difficult mask ventilation?	Yes	No	
Age >55 yrsFacial hair	 BMI>26 kg/m² Facial trauma 		EdentulousMallampati III/IV
 Nasal deformity 	 Snoring 		Wilson position C
 Restricted mouth opening Distortion/disruption of airway 	<i>y</i> ? Yes •		uction of upper airway ungs (reduced compliance or increased resistance
Expected difficult languages and	Yes	No	
Past history DI Mallampati III/IV Facial or neck trauma Facial or neck trauma	Neck circumference > 40 cm Neck range of motion ≥ Grade 2 Wilson's test (prognatism) C	•	I-ID < 3 cm TMD < 6 cm SMD < 12 cm • Oropharyngeal cancer / radiotherapy • Laryngeal pathology (internal / external)
Expected difficult intubation?	Yes	No	
Expected difficult surgical airway?	Yes	No	
 Oropharyngeal cancer / radiothera Laryngeal pathology (internal / exi Previous tracheostomy SMD < 12 cm 		•	Tracheal deviation Neck circumference > 40 cm Thyroid/anterior neck mass Neck range of motion > Grade 2
Definitions:			
Difficult laryngoscopy: It is not possible Difficult tracheal intubation: Tracheal in Failed intubation: Failure to place the er	poor device placement or inability to visualize any portion of the voo ntubation requires >2 attempts, in ndotracheal tube.	cal cord the pres	puately ventilate with device successfully placed. s after 2 attempts at conventional laryngoscopy. sence or absence of tracheal pathology. Sough rare, can be a life-threatening problem.
Anesthetic Plan: (Check all that apply	and explain below)	_	
General	and explain below)		ygenation Mask Ventilation
General ☐ General Anesthesia	and explain below)		<i>ygenation</i> Mask Ventilation □ Room Air
General ☐ General Anesthesia ☐ Regional Anesthesia ☐ MAC	and explain below)		Mask Ventilation Room Air Oxygen
General ☐ General Anesthesia ☐ Regional Anesthesia ☐ MAC Airway Management	and explain below)		Mask Ventilation □ Room Air
General □ General Anesthesia □ Regional Anesthesia □ MAC Airway Management □ Asleep	and explain below)		Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device:
General □ General Anesthesia □ Regional Anesthesia □ MAC Airway Management □ Asleep □ Awake □ Endotracheal intubation	and explain below)		Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device:
General □ General Anesthesia □ Regional Anesthesia □ MAC Airway Management □ Asleep □ Awake □ Endotracheal intubation □ Oral	and explain below)		Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device:
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Endotracheal intubation Nasal Endotracheal tube			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Endotracheal intubation Nasal Endotracheal tube Type:			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Endotracheal intubation Nasal Endotracheal tube Type: Size:			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Endotracheal intubation Nasal Endotracheal tube Type:			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous Tracheostomy Surgical Surgical Surgical Surgical Surgical Surgical
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Coral Nasal Coral Nasal Coral			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous Tracheostomy Surgical Percutaneous
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Endotracheal intubation Nasal Endotracheal tube Type: Size: Direct Laryngoscopy Blade type, size:			Mask Ventilation Room Air Oxygen # minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous Tracheostomy Surgical Surgical Surgical Surgical Surgical Surgical
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Bndotracheal intubation Nasal Bndotracheal tube Type: Size: Direct Laryngoscopy Blade type, size: Extubation OR PACU Not extubated			Mask Ventilation Room Air Oxygen #minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous Tracheostomy Surgical Percutaneous Airway exchange cather (Device:
General General Anesthesia Regional Anesthesia MAC Airway Management Asleep Awake Bndotracheal intubation Nasal Bndotracheal tube Type: Size: Direct Laryngoscopy Blade type, size: PACU Not extubated			Mask Ventilation Room Air Oxygen #minutes: Supraglottic airway(Device: Fiberoptic (Device: Other (Device: Surgical airway Cricothyrotomy Surgical Percutaneous Tracheostomy Surgical Percutaneous Airway exchange cather (Device:
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