



Airway management

Anestezie II

neexistuje 100% jistota predikce
neopakuj znovu a znovu to samé







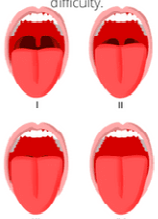
mnemotechnické pomůcky



Airway Pearls

ASSESSING AIRWAY DIFFICULTY

Anticipating difficulty in establishing an airway in emergency patients is the first step in avoiding major complications. It helps us to think about the alternative methods. LEMON is a mnemonic to remember.

L	E	M		N
LOOK EXTERNALLY	EVALUATE 3-3-2	MALLAMPATI	OBSTRUCTION OR OBESITY	NECK MOBILITY
				
Look for external markers of difficult intubation; these may include the following body habitus, head and neck anatomy (short neck), mouth (small opening, loose teeth or prominent teeth), jaw abnormalities (significant malocclusion), and beards.	Can the patient fit 3 fingers between the incisors? Is the mandible length 3 fingers from the mentum to the hyoid bone? The distance from the hyoid to the thyroid. 2 fingers are what we are looking for.	Class I and class II predict adequate oral access, class III predicts moderate difficulty, and class IV predicts a high degree of difficulty. 	Conditions such as epiglottitis, head and neck cancer, Ludwig's angina, neck hematoma, foreign body or thermal injury can compromise laryngoscopy, the passage of the endotracheal tube (ETT), BMV, or all three.	Neck extension is the most important maneuver, and simple extension may be as effective as the "sniffing" position in achieving an optimal laryngeal view. Neck mobility can be significantly reduced in patients with trauma (cervical collar) or the elderly and those with arthritis.



Predikční skóre - ICU

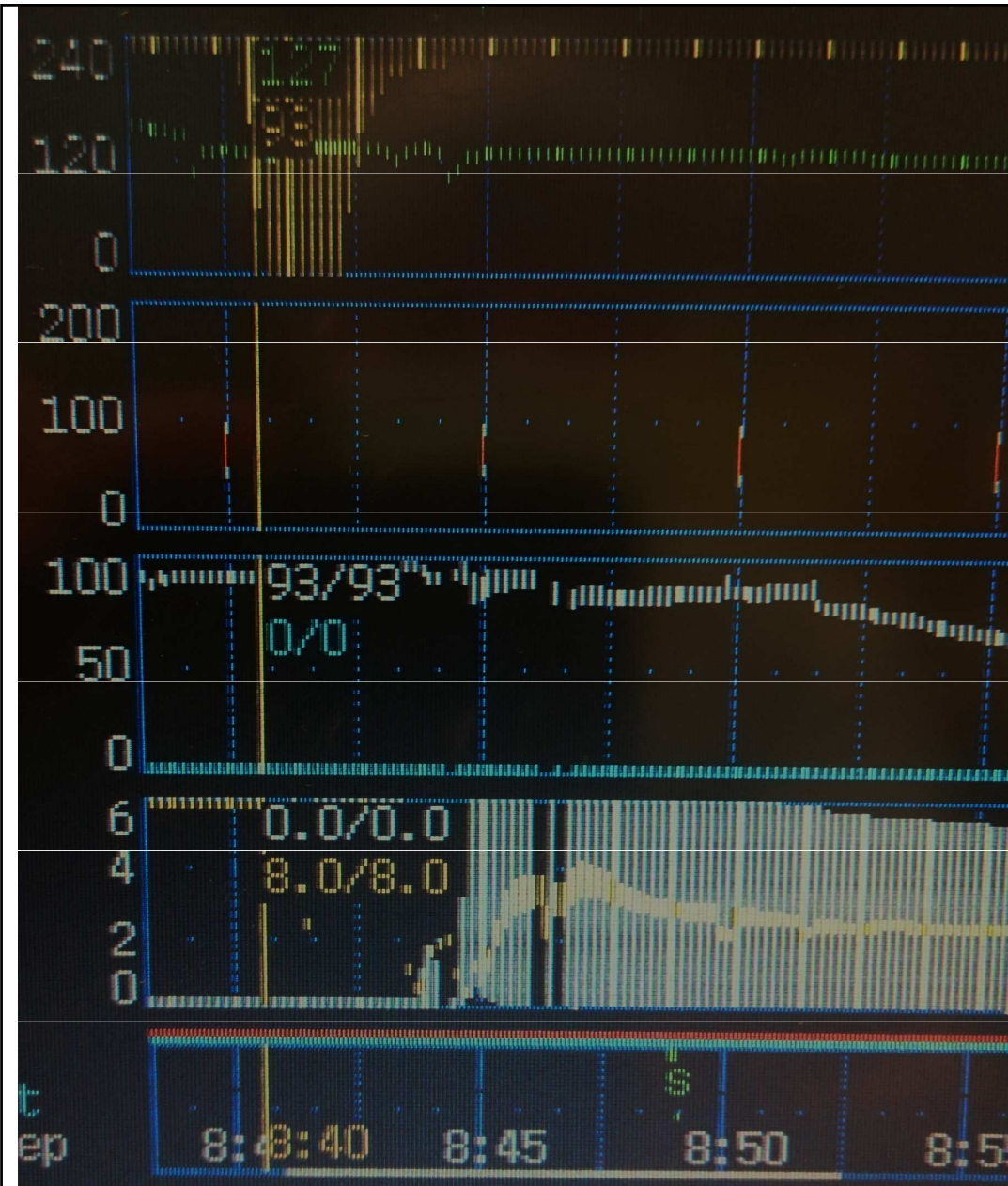


M allampati III or IV	5
A pnoea (Obstructive Sleep)	2
C ervical Spine Reduced Mobility	1
O pening Mouth <3 cm	1
C oma	1
H ypoxia	1
A nesthesiologist Not Trained	1

≥3



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The Lip Bite test



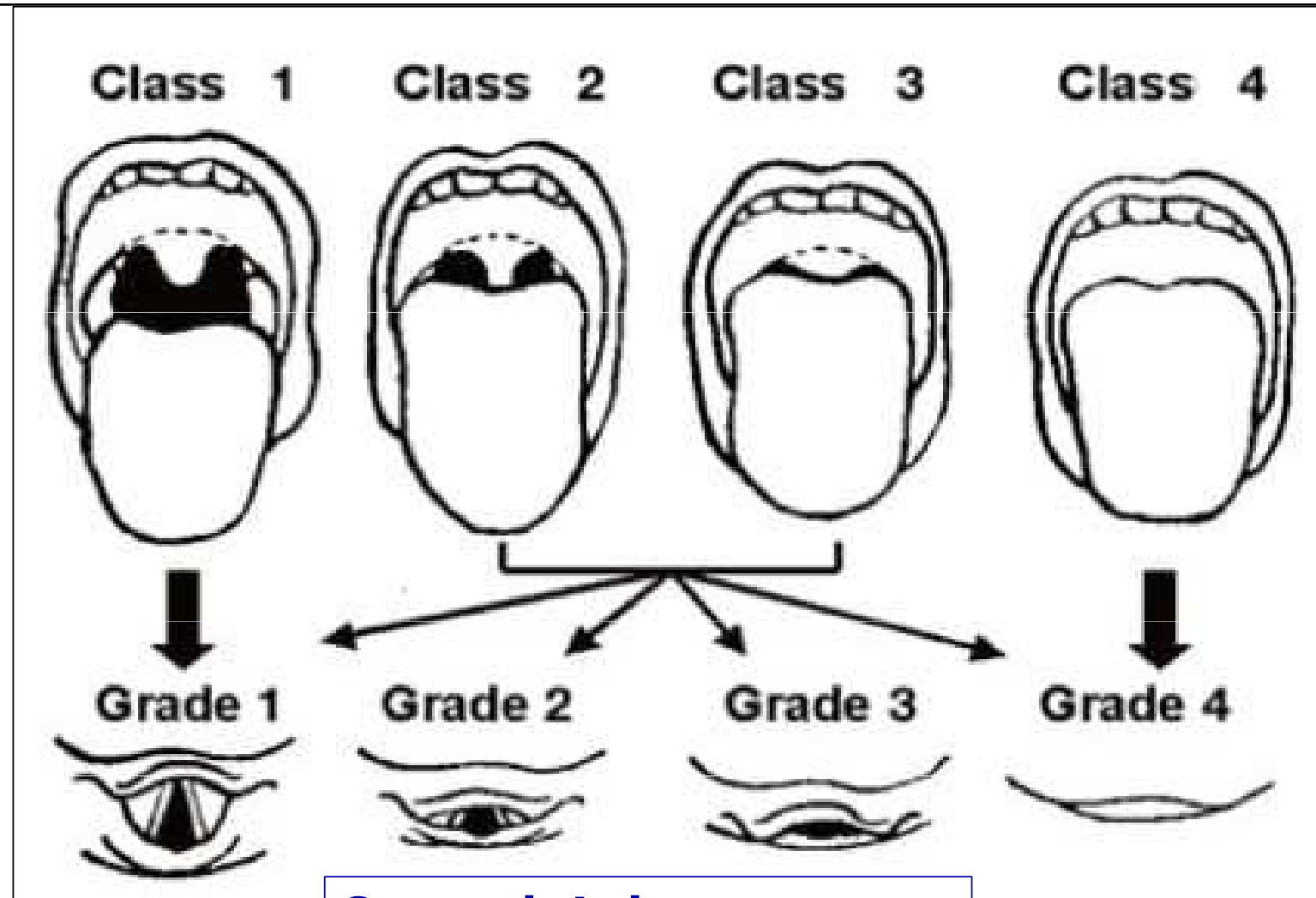
February 5, 2019

JAMA. 2019;321(5):493-503. doi:10.1001/jama.2018.21413

Michael E. Detsky, MD, MSHP [et al](#)

Will This Patient Be Difficult to Intubate?
The Rational Clinical Examination Systematic Review

Mallampati



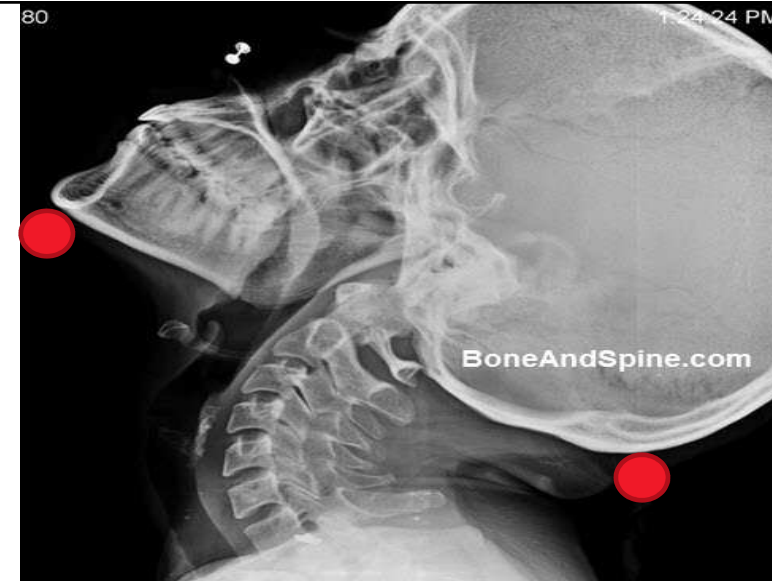
Cormack-Lehane score

Cervical mobility

- Head in neutral position.
- Use index 2 index fingers:
- Extension of neck
- Read the position of fingers

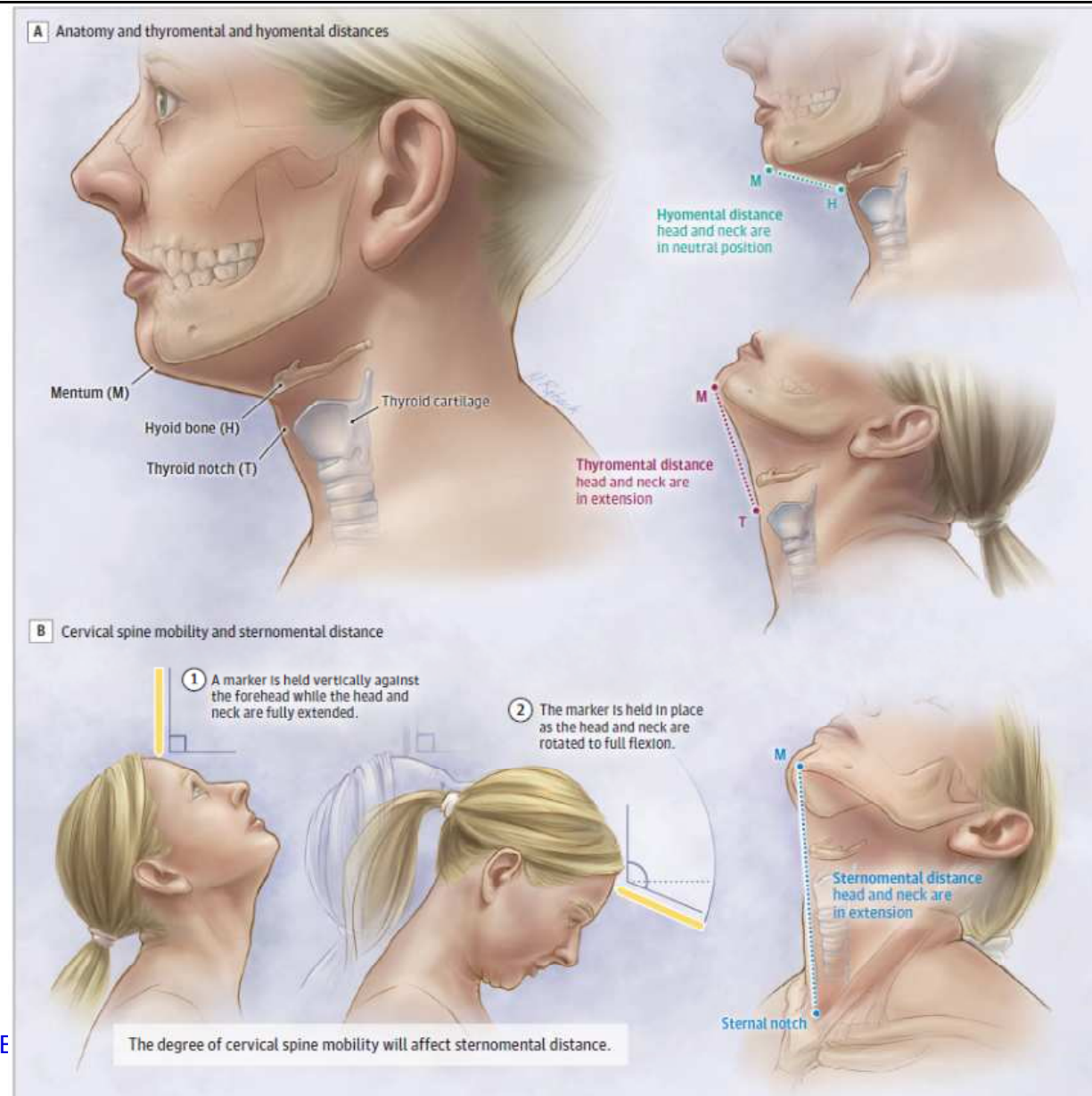
Result:

- Normal bend
- slightly limited = fingers horizontal
- significantly reduced bend

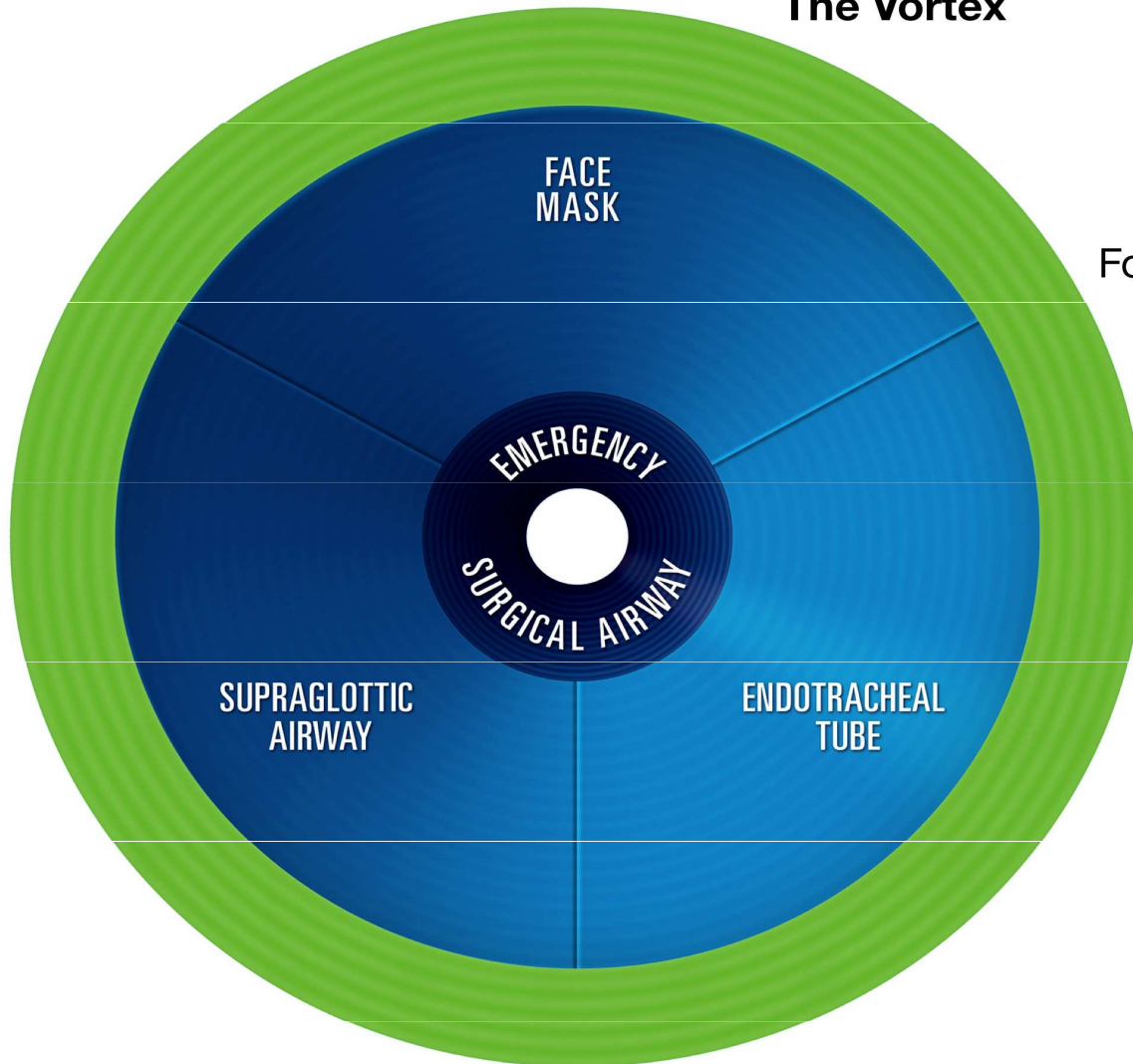


vzdálenosti

– 3-3-2



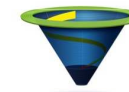
The Vortex



For Each NSA Technique Consider:

1. Manipulations:
 - Head & Neck
 - Larynx
 - Device
2. Adjuncts
3. Size/Type
4. Suction/O₂ Flow
5. Muscle Tone

**MAXIMUM THREE TRIES AT EACH NON-SURGICAL AIRWAY TECHNIQUE
AT LEAST ONE TRY SHOULD BE HAD BY MOST EXPERIENCED AVAILABLE CLINICIAN**



vortexapproach.org

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