## Difficult Airway Kit Back to Basics

Dr Tim Leeuwenburg Kangaroo Island SA

KI-docs.com @KangarooBeach



### Difficult Airway Plans

UK's Difficult Airway Society

Plan B:
Secondary tracheal intubation plan

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ILMA™ or LMA™

failed oxygenation

Failed intubation

Revert to face mask Oxygenation failed intubation

Plan C:
Maintenance of oxygenation, ventilation, postponement of surgery and awakening

Plan D:
Rescue techniques for "can"t intubate, can"t ventilate situation

Cannula cricothyroidotomy

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Succeed

ILMA™

Succeed

Postpone surgery

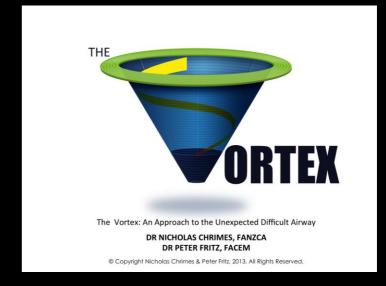
Awaken patient

improved oxygenation

Awaken patient

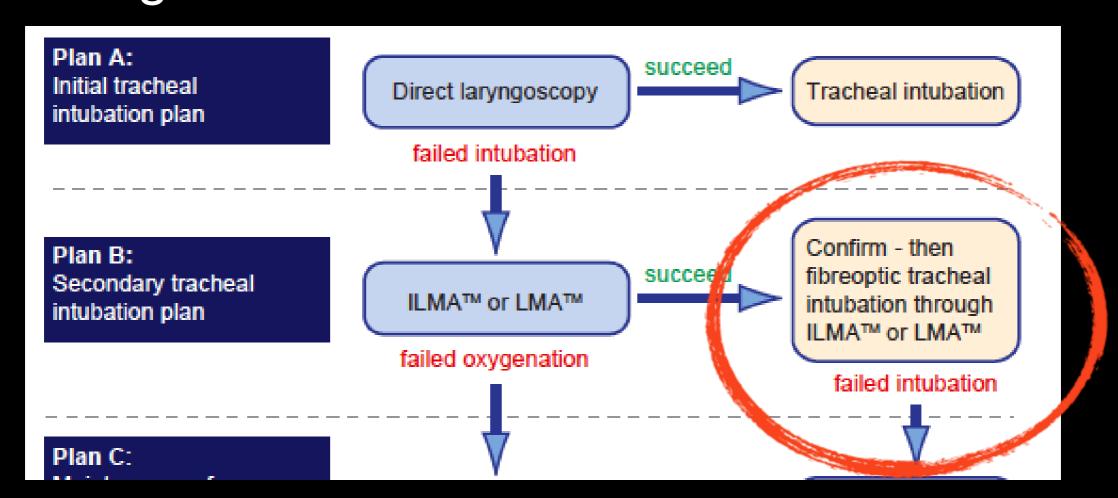
increasing hypoxaemia

• Monash 'The Vortex'



All difficult airway algorithms rely on the availability of key equipment

•eg: 'fibreoptic intubation through LMA' in the UK DAS difficult airway algorithm



Be honest - who has fibreoptics readily available on the floor in their ED/ICU and staff able to use it?

### Videolaryngoscopy

Range of affordable VLs now available & affordable







most VL under A\$1000, disposable VL under A\$100

improve C-L view by 1-2 grades

### Intubating LMAs

- 2nd generation iLMAs to facilitate
  - ventilation,
  - gastric drainage,
  - either blind or fibreoptic placement of ETT

only A\$30 each



#### Fibreoptic device

Allow intubation through iLMA as a conduit





Malleable fibreoptic stylets....or disposable flexible scopes

~ A\$2000

#### NO EXCUSES

- ANZCA standard is to have "equipment to manage a difficult airway wherever airways are managed"
- do YOU have this?
- NAP4 (UK) shows the hazard of airway management outside Operating Theatre - ICU and ED in particular
- Algorithms for management of difficult airway exist - do YOU use them?
- A range of affordable difficult airway kit is available for under A\$4000 total

# WANT MORE? visit KI-docs.com

- "Difficult Airway Toolkit for
- Rural Doctors on a Budget"
- Airway kit suggestions applicable
- to ED, ICU, Retrieval & Rural Airway
   Management

 Leeuwenburg (2012) Access to difficult airway equipment and training for rural GP-anaesthetists in Australia: results of a 2012 survey Rural and Remote Health 12: 2127