

# Risk in Anaesthetics

## General

### Very Common

- Pain 1:2
- sore throat: ETT= 1:2; LMA 1:5
- PONV: baseline risk 1:10
- POCD >60: 1:4

### Common

- oral trauma with GA 1:20
- stroke:
  - ▶ 1:25 symptomatic carotid stroke
  - ▶ 1:50 if prev stroke
- difficult intubation
- death in emergency surgery @ 1month 1:50
- brachial plexus neurapraxia 1:50

### Mod Common

- stroke 1:100
- dental damage 1:100
- awareness:
  - ▶ 1:670 GA LSCS
  - ▶ 1:8000 GA NMB
  - ▶ 1:13,000 GA without NMB
- ulnar neuropathy 1:300

### Less Common

- LAST 1:1500
- cardiac arrest with spinal 1:1500

### Rare

- anaphylaxis 1:10,000
- arrest with GA 1:15,000

### Very Rare

- anaesthetic death ASA 1/2 1:100,000
- vision loss GA 1:125,000

## Specifics

### Anaesthetic Death

- 1:50,000 - 1:100,000

### CVS

- arrest:
  - ▶ GA 1:10,000
  - ▶ spinal 1:1500
  - ▶ LA 1:33,000
- MI reinfarction:

- ▶ >3m 1:40
- ▶ <3m 1:20

## **Airway**

- diff intubation 1:100
- diff BMV 1:250
- CICO 1:100,000

## **Neuro**

- POCD:
  - ▶ early
  - ▶ late 1:100 permanently

## **Regional**

- periph blocks:
  - ▶ temporary nerve damage: 1:100/200
  - ▶ permanent nerve damage (>6months): 1:10,000
- neuraxial:
  - ▶ nerve injury:
    - permanent 1:50,000
    - paraplegia: 1:100,000
    - temporary
  - ▶ haematoma:
    - epidural 1:150,000
    - spinal 1:200,000
    - spont = 1:million
  - ▶ abscess: 1:5000
    - note spontaneous abscess rate = 1:10,000
  - ▶ Meningitis 1:25000

## **Dental**

- damage 1:100
- damage requiring Rx 1:5000