

# Provisional Anaesthesia & Perioperative Medicine Syllabus

We have taken this from

- GMC- our interpretation of '*Tomorrow's Doctors*'
- The Anaesthesia / Perioperative Medicine teachers at RFH, UCLH & Whittington

The content / detail is in

- the teaching booklet
- the weekly podcasts
- the Single Best Answers sent weekly
- the tutorials

**Preoperative:** Basic assessment of cardiac and respiratory disease. Important tests to perform before surgery. Cardiovascular drugs to stop and continue. Ways to improve / 'optimise' / prepare patients before surgery.

**Intraoperative:** An outline of the drugs for providing anaesthesia, with mechanisms. Options for airway management. The basic sequence of events during surgical anaesthesia. Intraoperative Monitoring. Basic physiology as applied to breathing during surgery, cardiovascular, bleeding and fluid challenges.

**Postoperative:** Classification, knowledge, prevention and treatment of common postoperative complications.

**Pain:** The options for systemic and regional analgesia, with common side effects

**Fluids:** Body fluid compartments. The types of intravenous fluids given: composition, why, how much, side effects. Physiology and compensation for hypovolaemia. Transfusing blood and products: side effects.

**The Critically Ill Patient:** How to approach an acutely ill ward patient: the first 30 minutes. DR ABC.

**Oxygen:** Physiology pertinent to arterial oxygenation, the use of oxygen to correct hypoxaemia, the different oxygen masks and their uses / limitations. Shunts, deadspace & Cardiac output.

**Practical Procedures:** laid out in the 'procedures book' on line.

WHO Checklist+ Putting on preoperative monitoring in the Anaesthesia Room

Cannulation, IVI fluid bag and drip set up using a 3-way tap

Open & draw up drug from glass ampoule, Draw up antibiotics

Guedel /Oro-pharyngeal airway / self-inflating bag & mask / Chin lift - neck tilt - jaw thrust

Connecting up self inflating bag – connections

Oxygen masks – types and options

Drug chart: write up analgesia / Fluids / antiemetics for major surgery

Connect up/turn on Oxygen cylinder