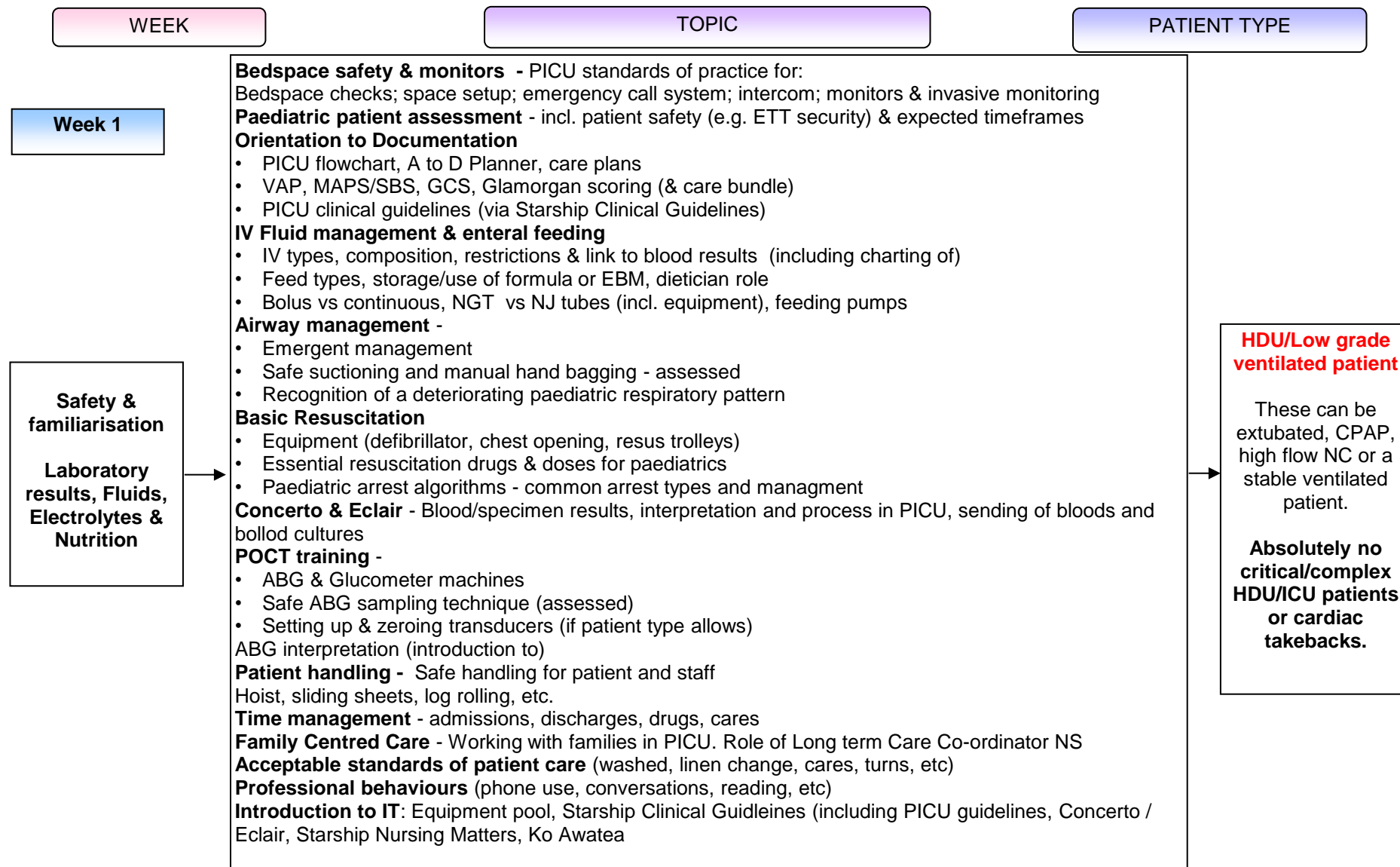


PICU 8 Week New to Speciality and Service Orientation Flowchart



WEEK

TOPIC

PATIENT TYPE

Week 2

Respiratory system & mechanical ventilation

Respiratory assessment -

- Basic CXR interpretation (ETT & NGT placement)
- Auscultation
- Work of breathing

Safe suctioning - Assessment of patient needs & technique (assessed)

Manual bagging techniques - T-piece and Laerdal bags (assessed)

An overview of common paediatric conditions in PICU -

- Bronchiolitis ▪ Adenovirus ▪ Influenza
- Asthma ▪ CLD ▪ Pneumonia

O2 therapy & nebulisers

Recognition of a deteriorating respiratory pattern

Principles of non-invasive ventilation

- High flow O2
- Bubble CPAP
- BIPAP

Intubation & Extubation -

- PICU Guideline - ETT care in PICU
- Drugs (rapid sequence induction)
- ETT taping (oral vs nasal)
- ETT positioning

Principles of invasive ventilation - all modes of ventilation (introduction)

Tracheostomy management -

- Care of child with tracheostomy
- Commence tracheostomy workbook
- Management of emergency situations

Ventilation workbook - (for when you are ready)

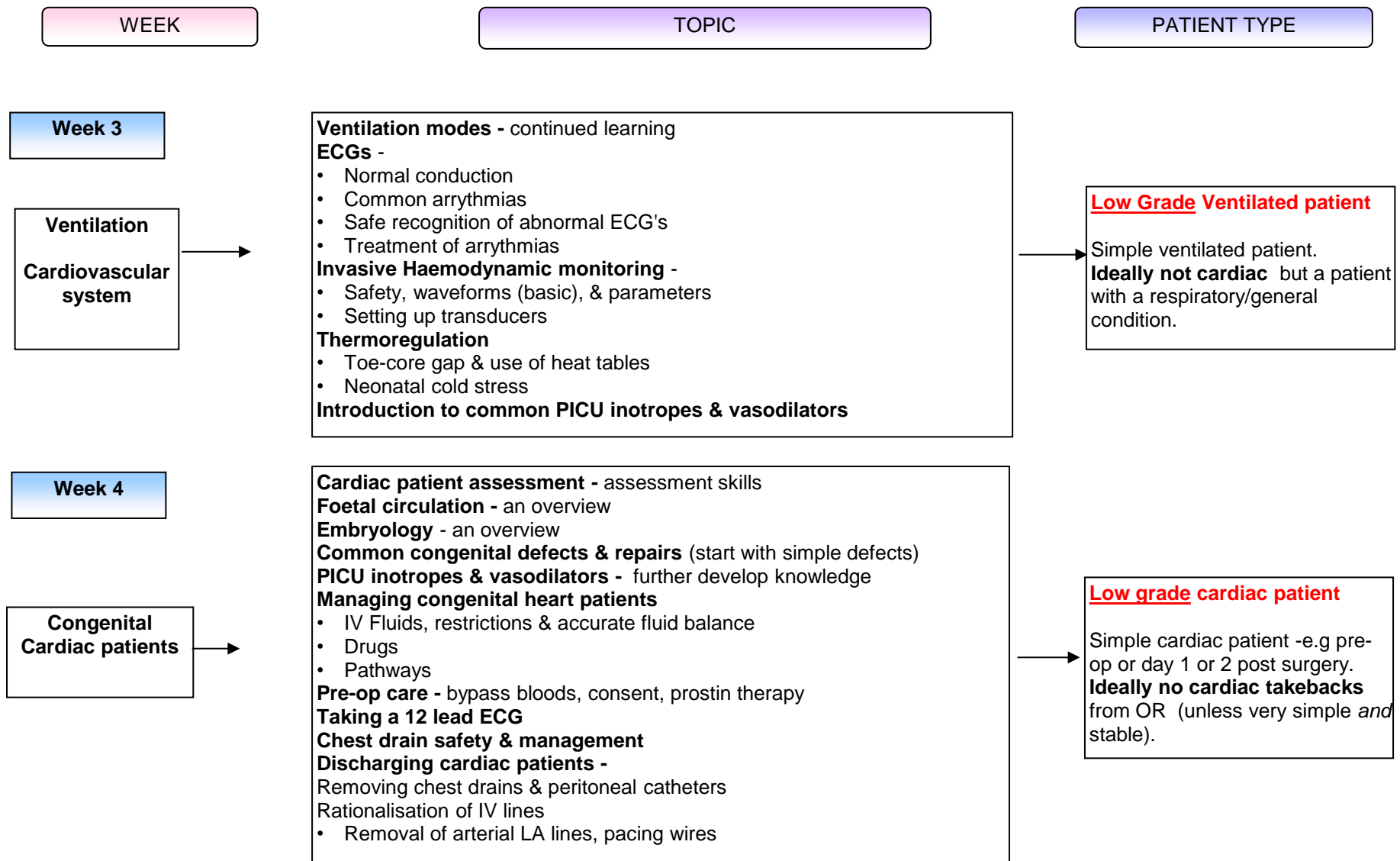
ABG interpretation (this can be repeated again)

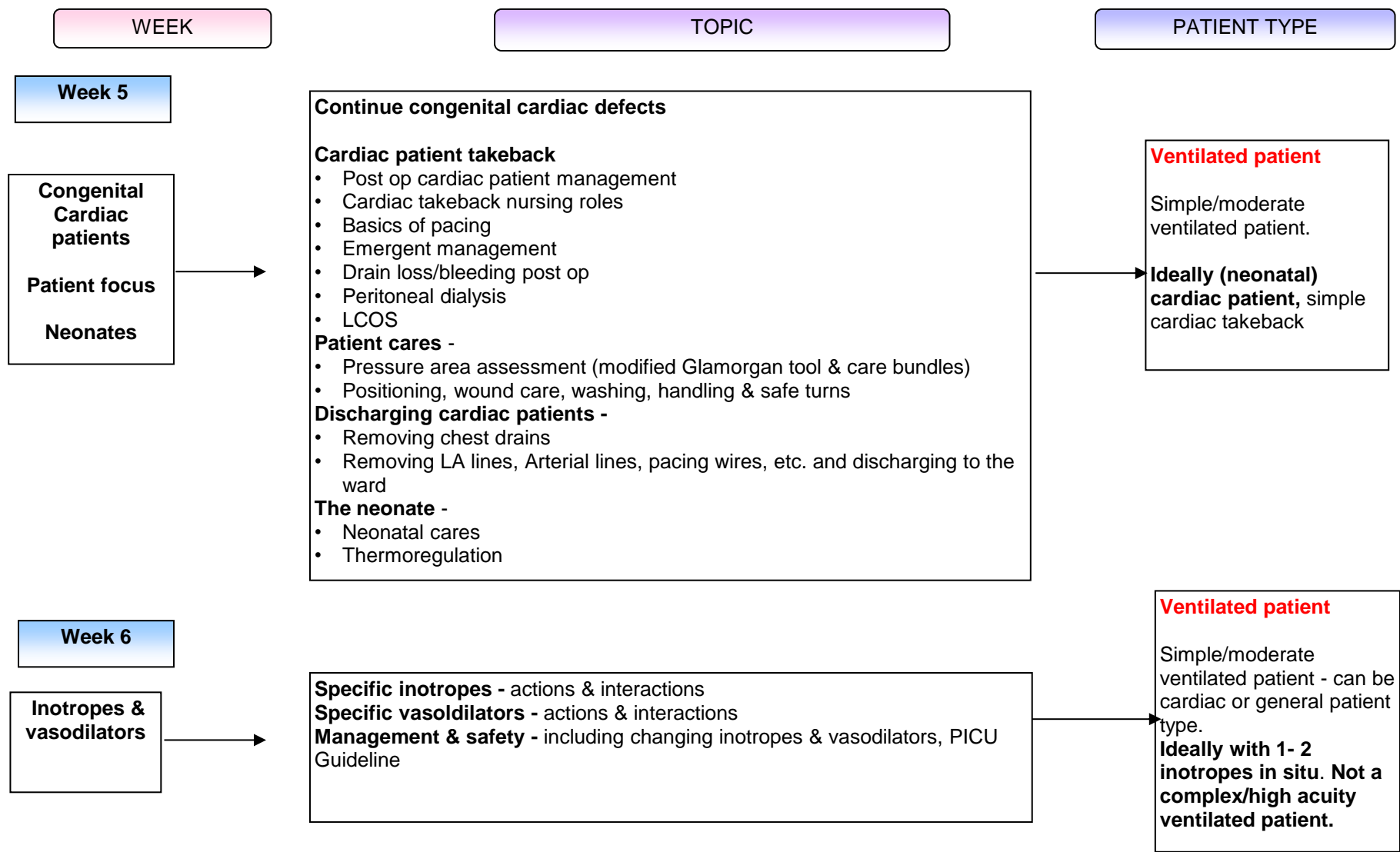
Scenarios - blocked ETT, accidental extubation, emergent intubation

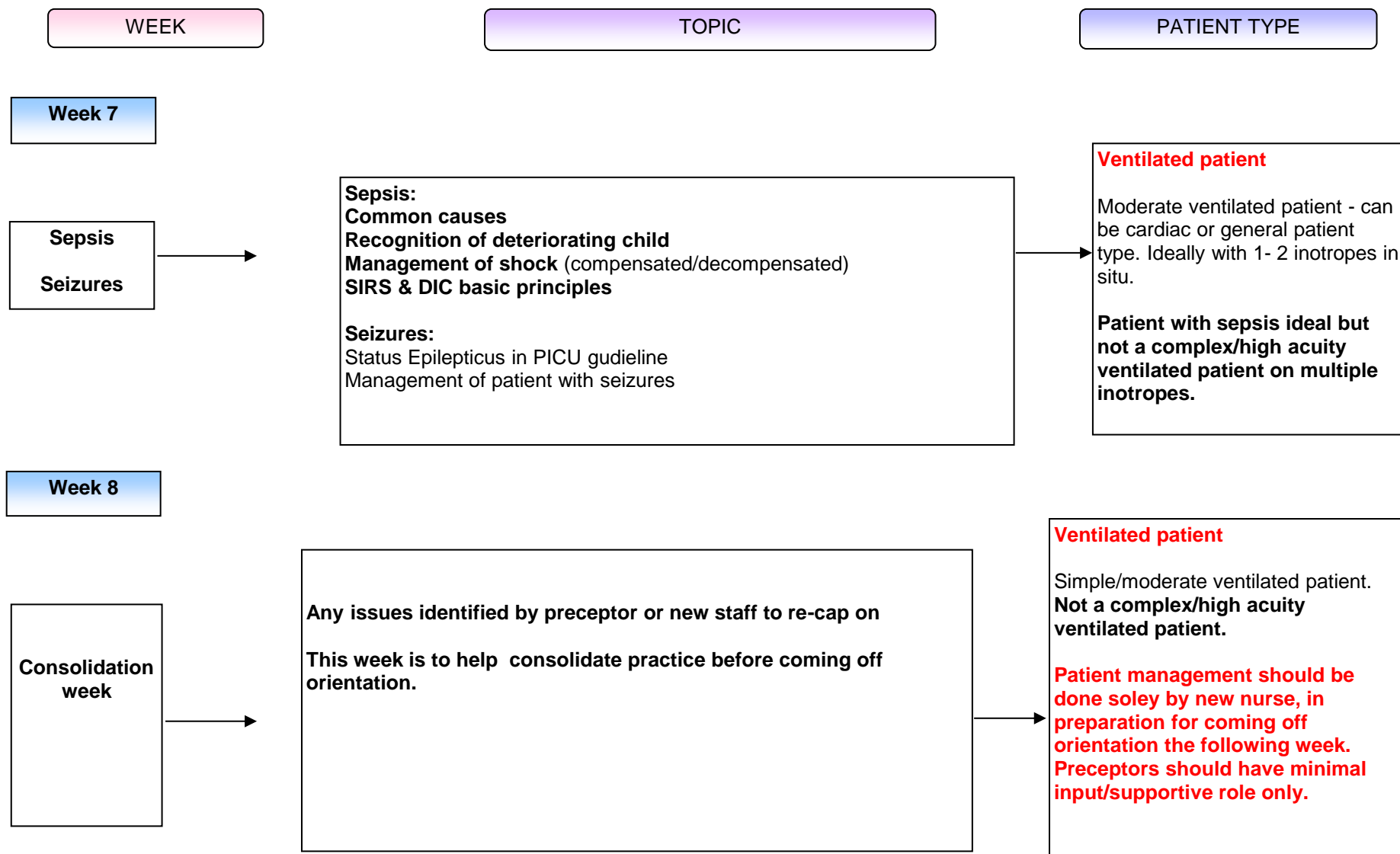
Low grade ventilated patient

Simple ventilated patient, or bubble/CPAP patient.

Ideally not cardiac but a patient with a respiratory/general condition.







Some Suggestions for other topics...

Spinal injury - log rolling

Spinal orthopaedic patient

Renal failure - peritoneal dialysis

EVDs - safety and management

Common neurological conditions - ADEM, seizures

The importance of fluid restrictions

Care of the dying child

NAIs - A brief overview - Oranga Tamariki

Patient transfers - CT Scanning/transfers

Seizure management