

Dr Samuel Thompson Rowling

Recommended that oxygen should be given during anaesthesia to prevent CNS damage

Pioneered the use of ether / chloroform mixtures (based on guinea pig experiments)

Modified the clover ether inhaler

Constructed apparatus which allowed control of administration of chloroform. (Rowling's balls)

With Mr Ringrose (mining dept) and Dr Harboard developed RRH CO₂ analyser/ absorber used in submarines

(RRH = Rowling, Ringrose, Harboard)

Rowling's Balls

- Part of Rowling's anaesthetic table
- The coloured balls floated at different levels which detected temperature change as vaporisation of the volatile liquid occurred



Courtesy of Dr FR Ellis and
Thackwray Medical Museum

Ritson Rowling CO2 Absorber



Courtesy of Dr FR Ellis and
Thackwray Medical Museum

