

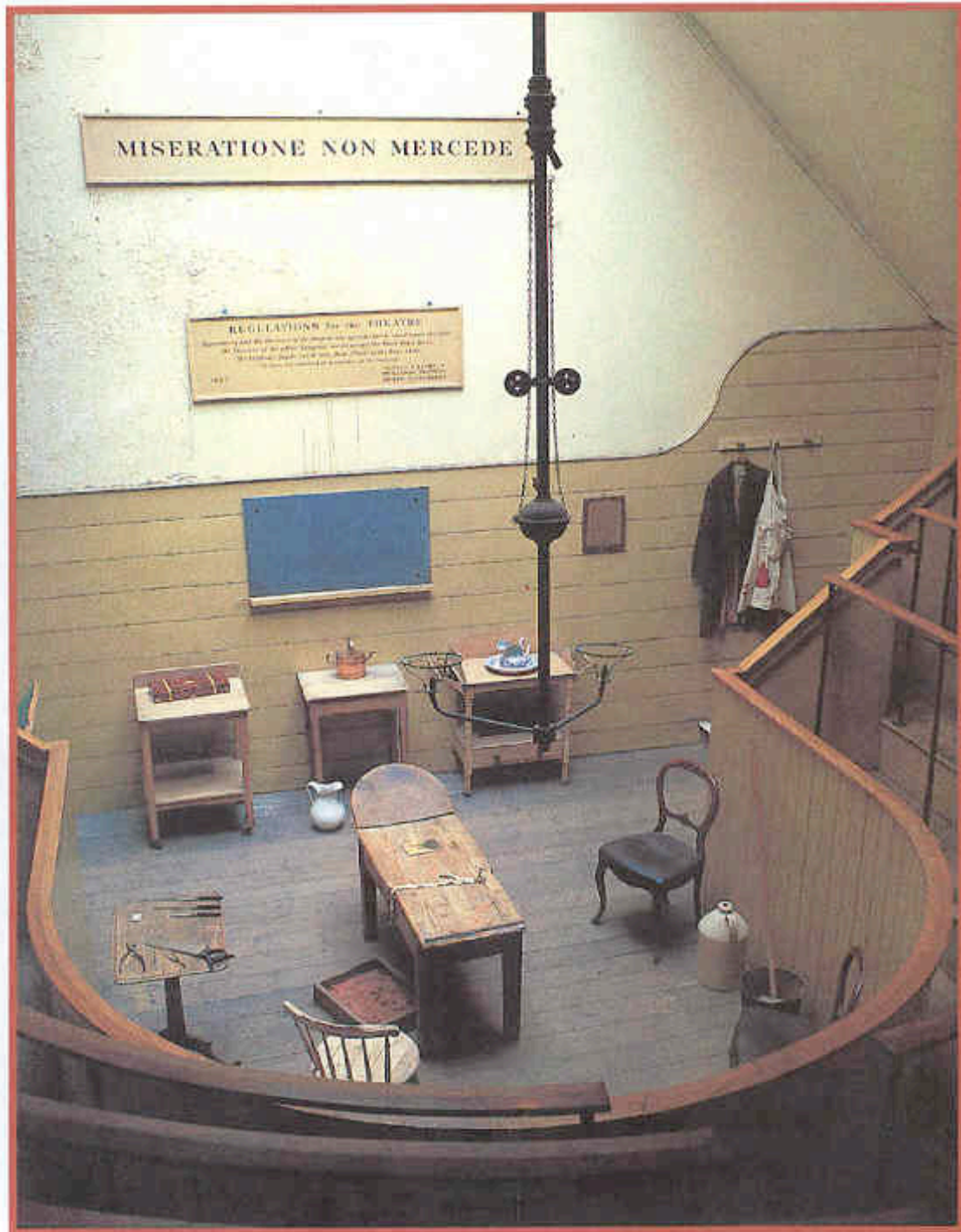
OPERATING THEATRES



Illustration from a German medical book of 1566 [FA]

Three physicians (centre) are diagnosing an illness, while a surgeon (left) is sawing off a leg. Instruments are scattered over the floor. On the rear wall is the heating apparatus which appears to be a masonry stove (kachelofen)

OPERATING THEATRES



**The Old Operating Theatre at St Thomas's Hospital, London dating from 1821. Rediscovered in 1956 in the attic of the Chapter House of Southwark Cathedral
The wall sign translates as *Act out of compassion and not for gain* [IL, 98]**

OPERATING THEATRES



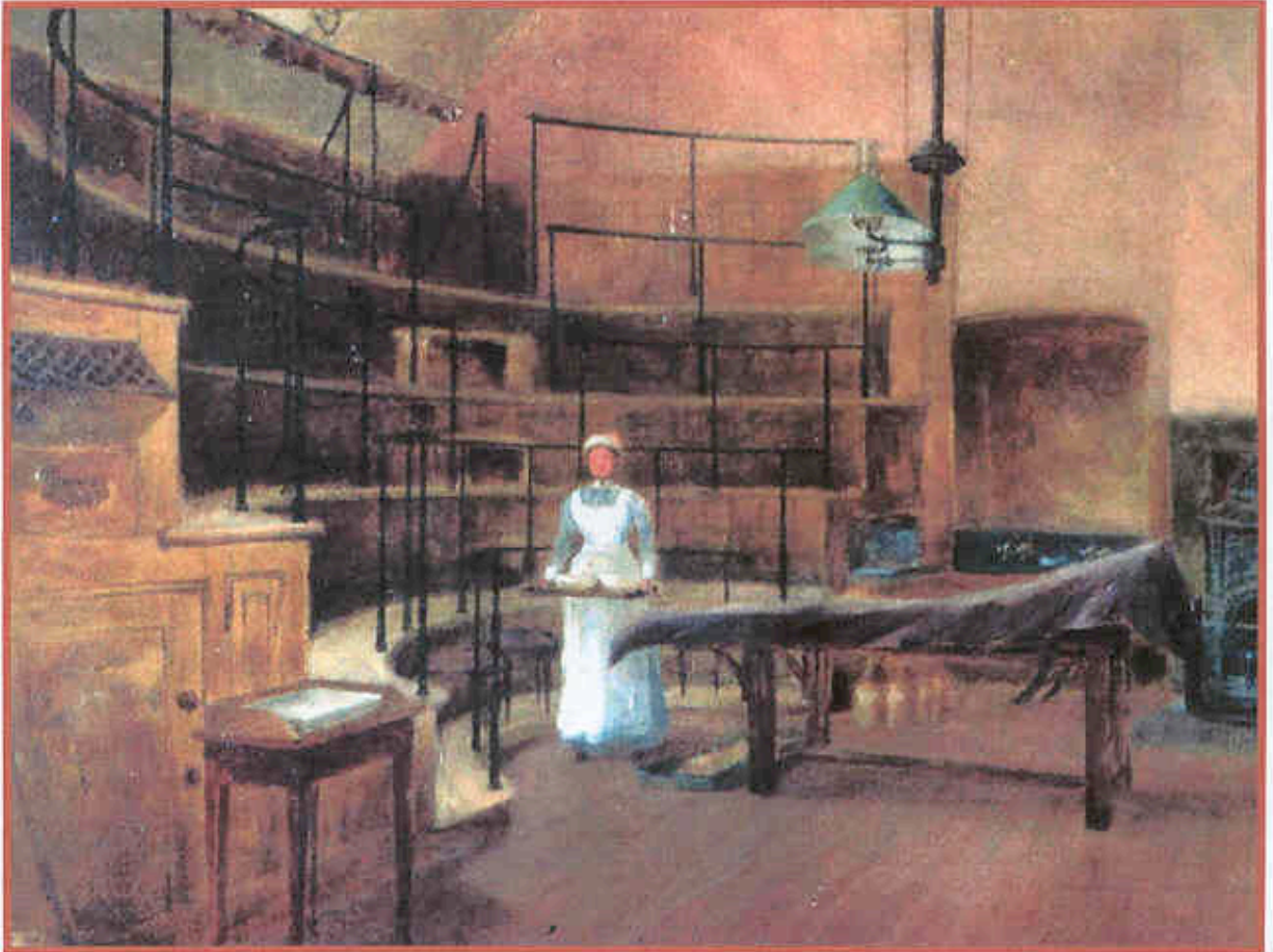
Operation at Aberdeen Hospital, 1869, using Lister antiseptic methods
[VLP, plate 17, from Aberdeen Public Library]

OPERATING THEATRES



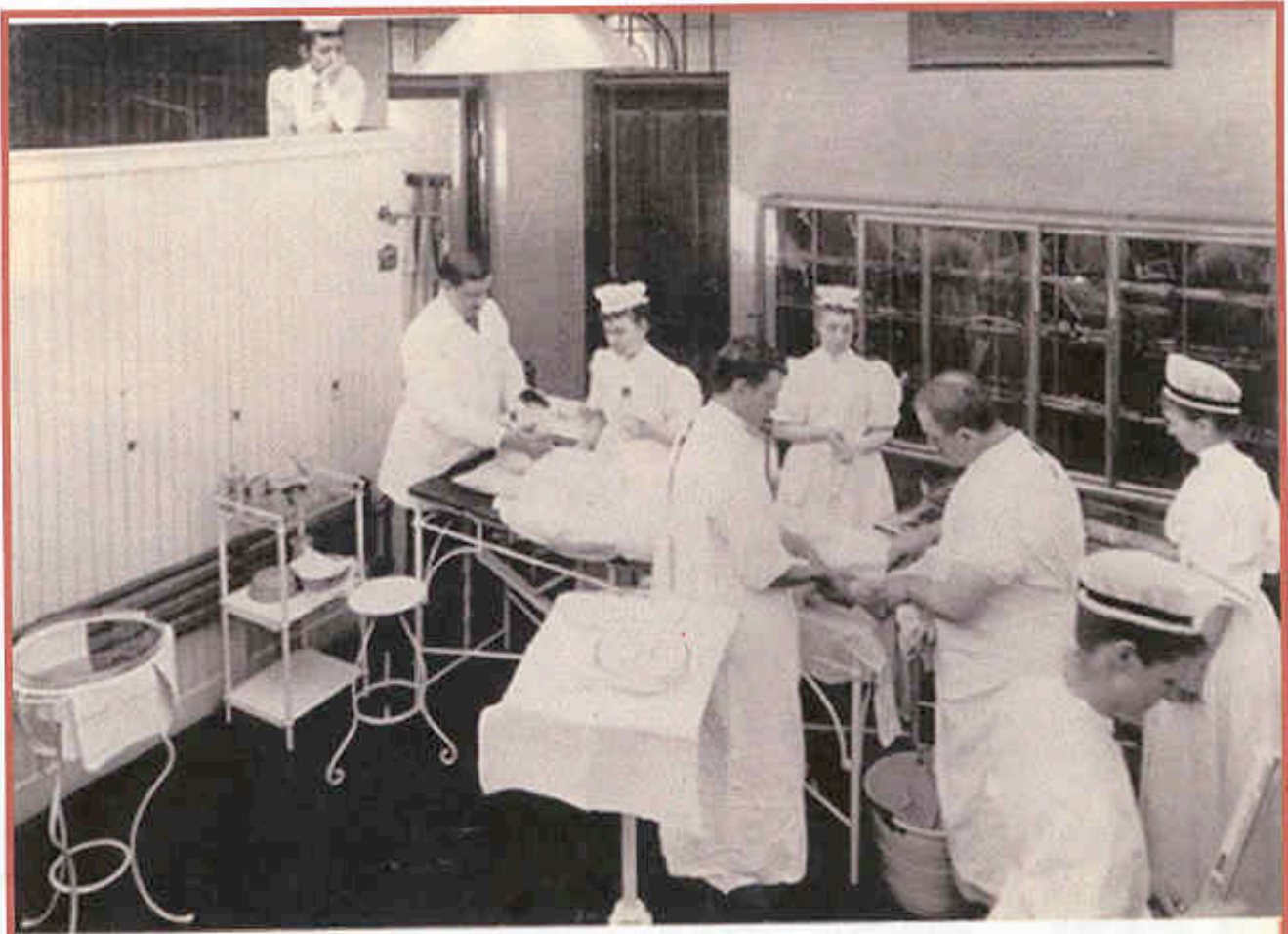
**Operation Theatre in Abernethy Block, St Bartholomew's, London, about 1880
Ventilation appears to be by an open window, though that may be a fan and
ductwork at top right hand corner [SB2, plate 71]**

OPERATING THEATRES



**The Old Operating Theatre at the London Hospital, demolished 1889 [VI, cover detail]
Fireplace is visible (extreme right) with lighting by gas**

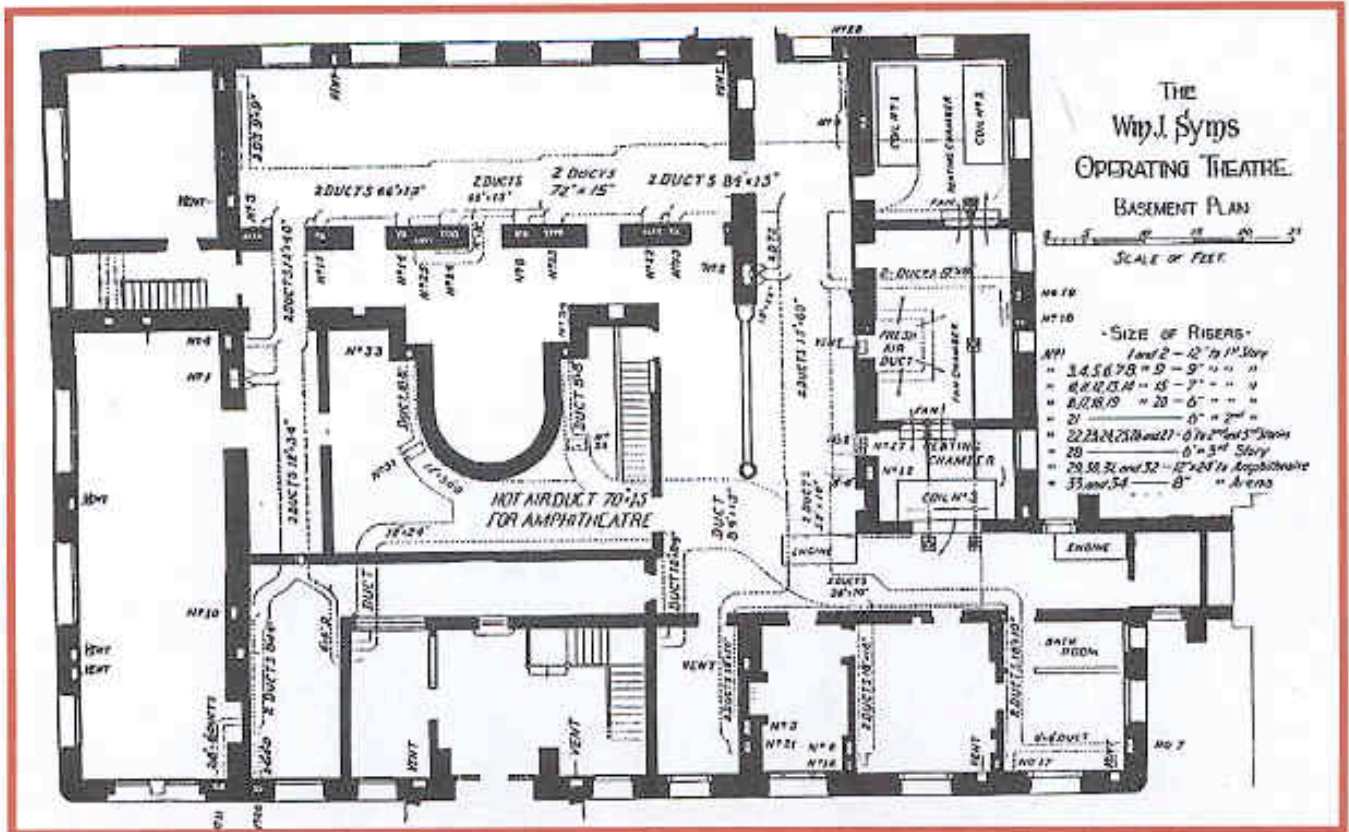
OPERATING THEATRES



DR. WILLIAM H. CARMALT AT WORK IN THE
FARNAM OPERATING AMPHITHEATRE.

**Grace Hospital, New Haven, Connecticut. Operation in progress in the 1890s.
Heating provided by horizontal pipe coils (behind trolley, left)**

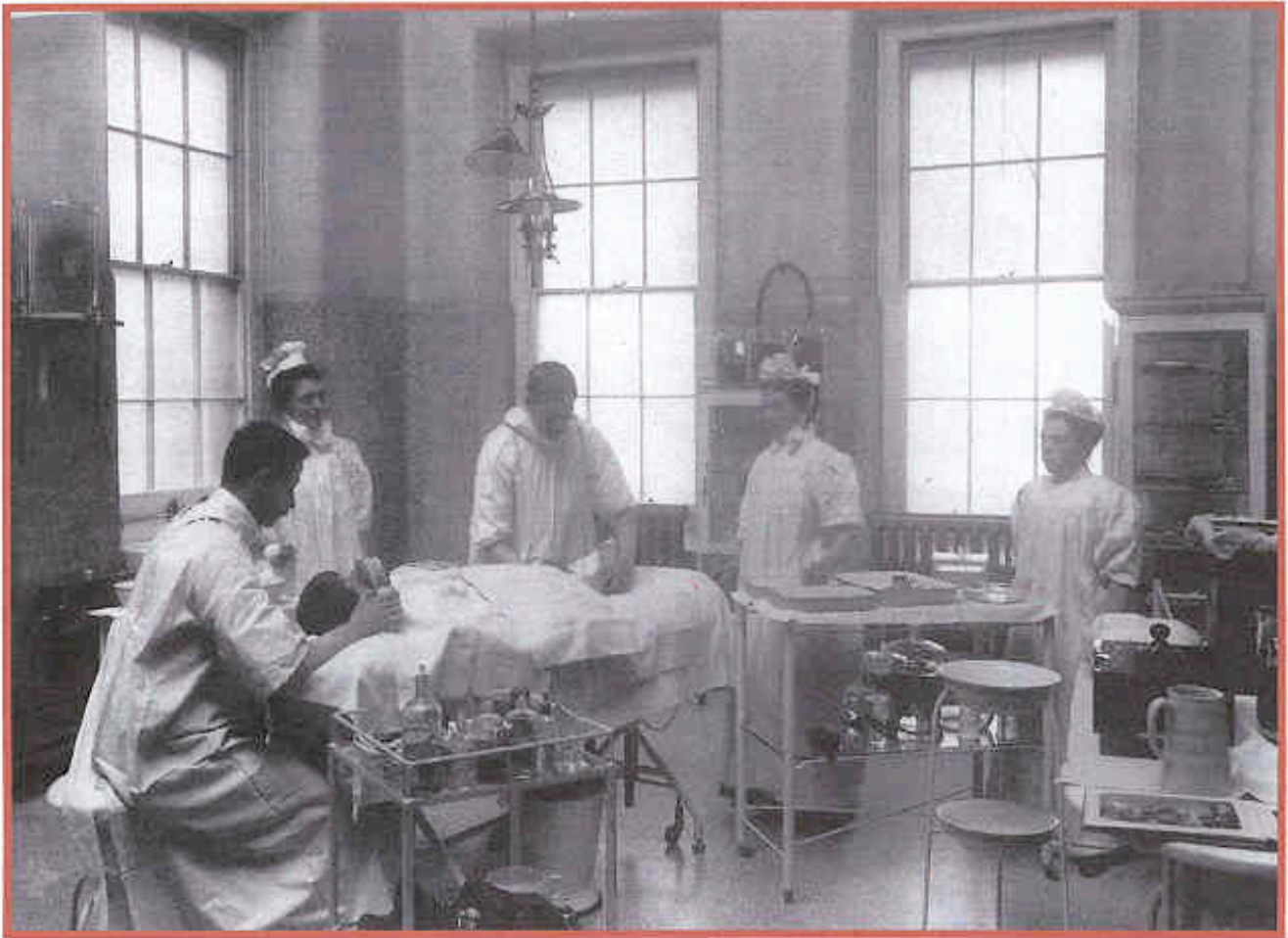
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The Wm J Syms Operating Theatre at unknown US Hospital, 1892 [MES, 176]

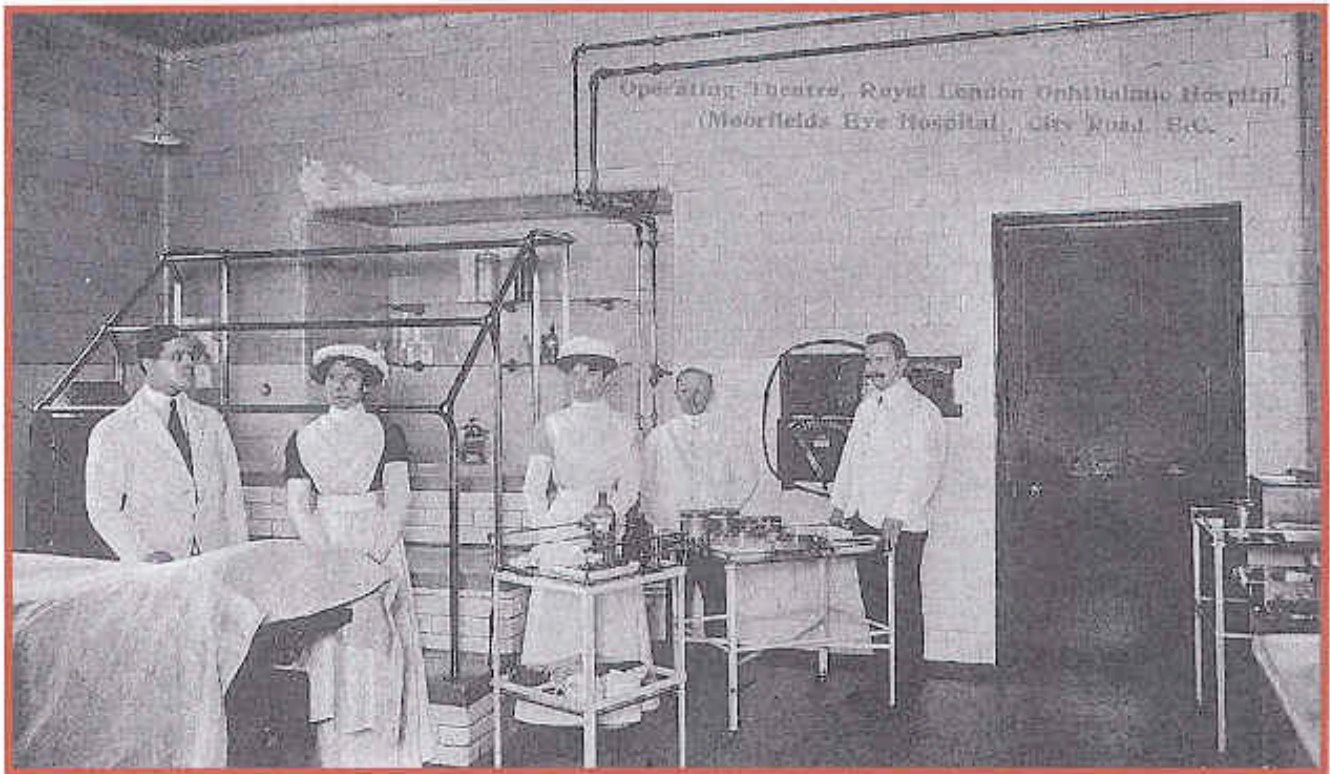
The plan shows the distribution ducts and mechanical ventilation plant

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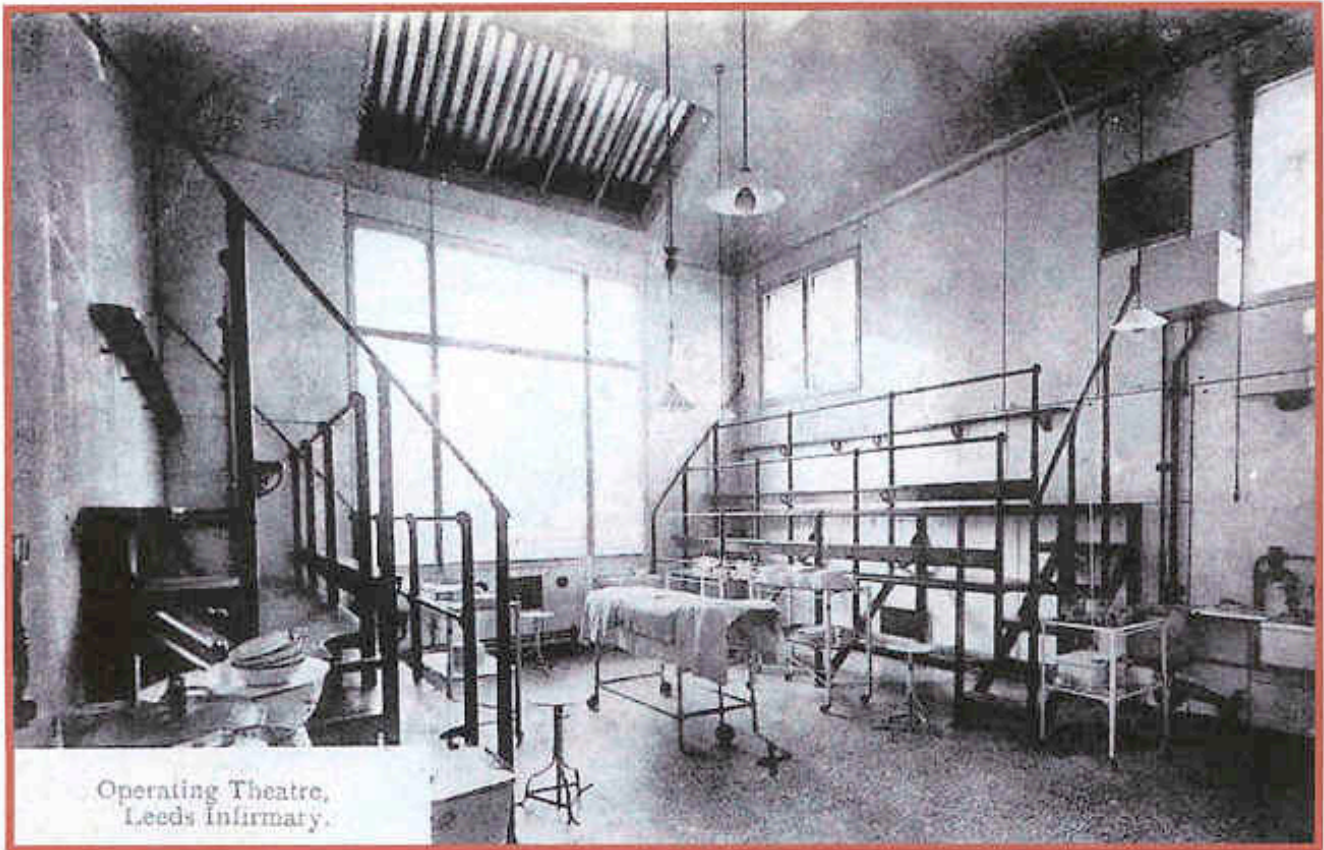
**Operating Theatre at The Royal Berkshire Hospital, Reading, 1900 [CAC, fig.10]
The theatre has large opening windows with heating provided by under-window radiators.**

OPERATING THEATRES



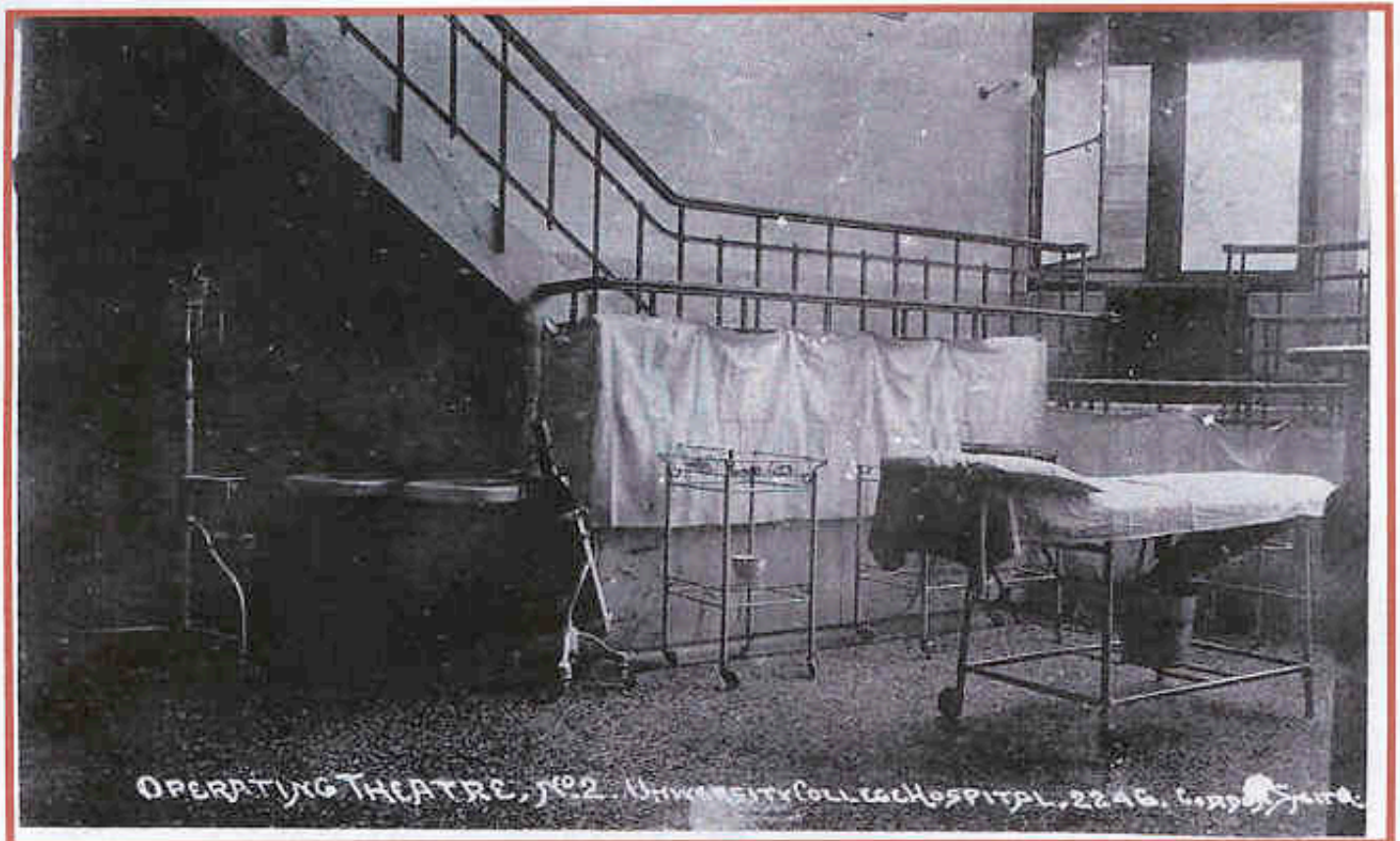
**Operating Theatre, Royal London Ophthalmic Hospital,
(Moorfields Eye Hospital) City Road, London EC, c.1901 [MPH, 13]
Founded 1805, hospital (pictured) built 1898.
Lighting controls (?) behind right-hand member of staff,**

OPERATING THEATRES



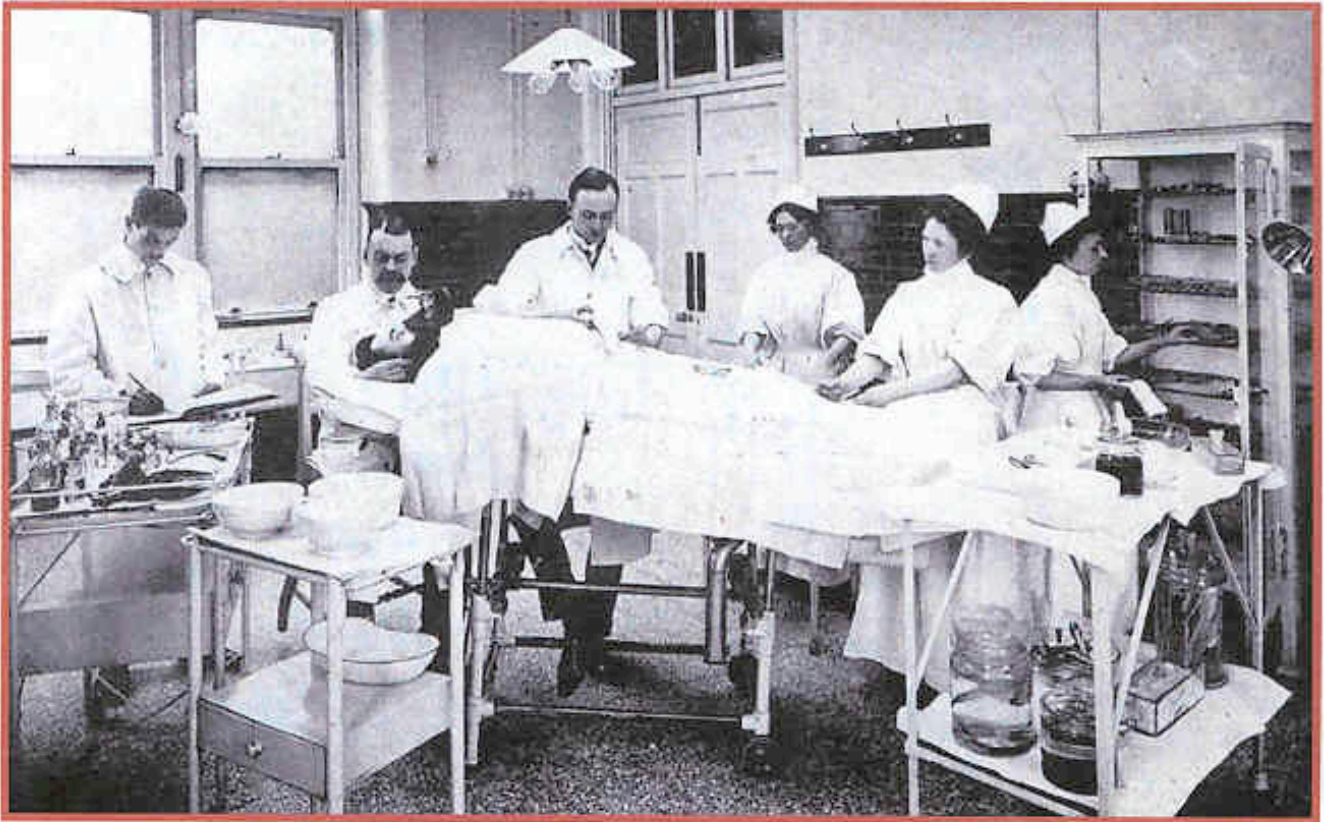
The Operating Theatre at Leeds Infirmary, c.1902 [PH, 100]
The room is daylit by very large windows. What may be ventilation grilles can be seen under the windows and at low level behind the right hand viewing platform.

OPERATING THEATRES



**No.2 Operating Theatre at University College Hospital, London, c.1904 [PH, 12]
It appears ventilation is achieved by the high level windows (right, one being open)
with heating by a radiator under these windows.**

OPERATING THEATRES



**An Operating Theatre, unknown location, c.1905 [PH, 19]
There are opening sash windows for ventilation but no means of heating is visible.
The staff are wearing neither masks nor gloves.**

OPERATING THEATRES



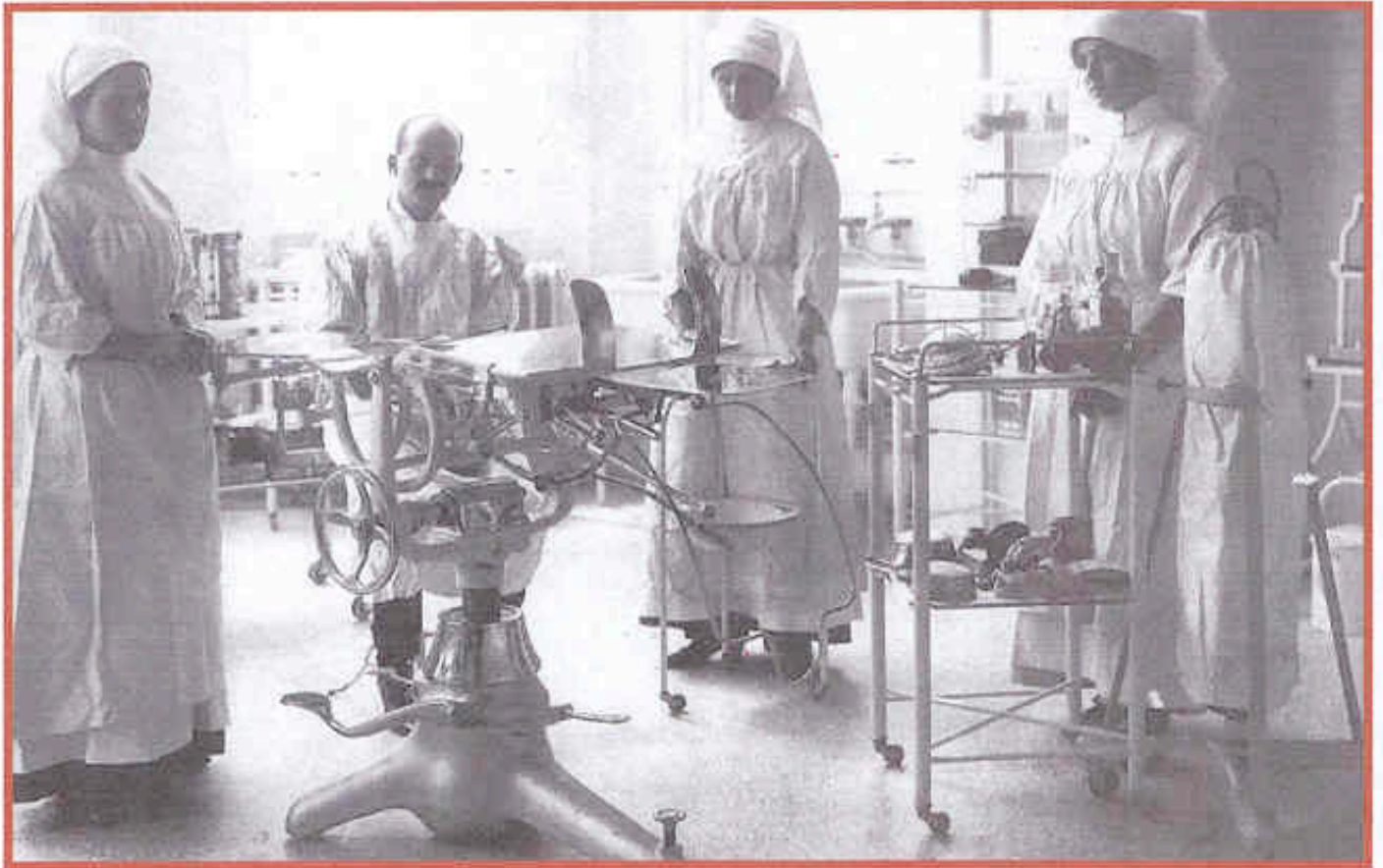
**Operating Theatre, Bristol General Hospital, 1907 [MPH, 99]
Radiator in far corner; lighting switches in wall cabinet behind assistant on left.**

OPERATING THEATRES



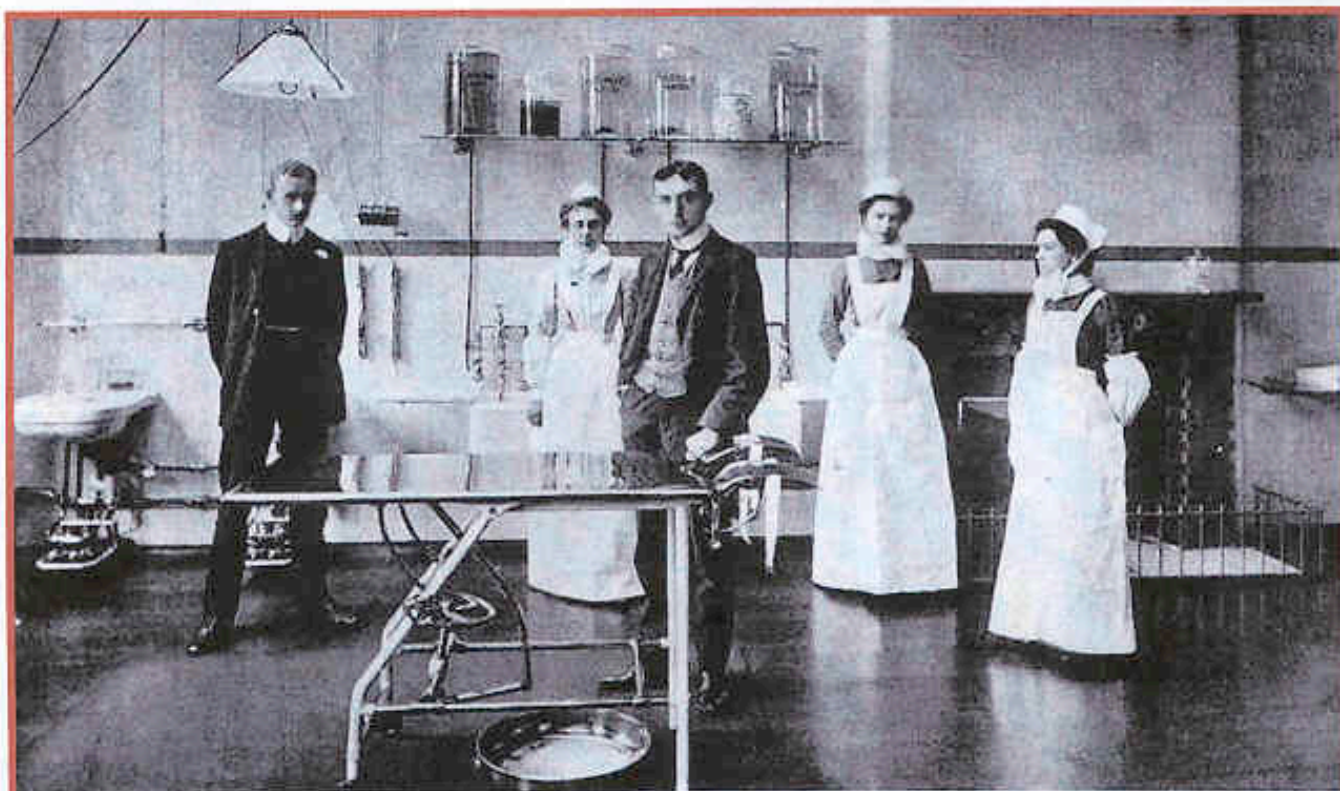
**Operating Theatre in King Edward VII Hospital at Windsor, 1909 [CAC, fig.30]
Opened in 1909 with 50 beds, architect for the steel-framed building A W West, cost £25000.
Heating by under-window radiators with opening windows.**

OPERATING THEATRES



**Operating Theatre in King Edward VII Hospital at Windsor, 1909 [CAC, fig.34]
Heating by radiators, one of which is just visible behind the seated surgeon.**

OPERATING THEATRES

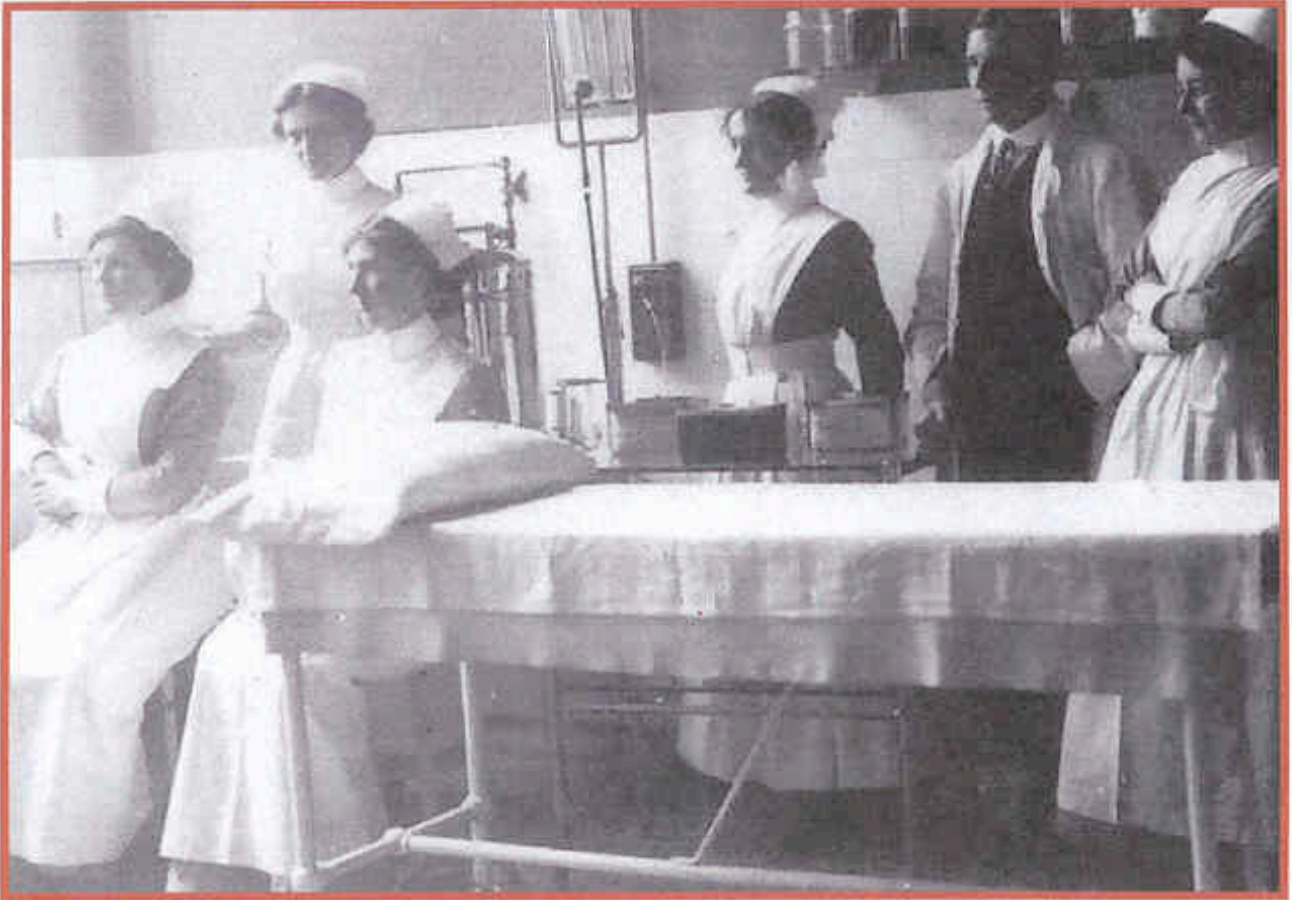


The Middlesex Hospital London W.

Prudhoe Operating Theatre

**Prudhoe Operating Theatre, The Middlesex Hospital, c.1910 [PH, 6]
Heating was provided by the fireplace (right) complete with fender and fireguard.**

OPERATING THEATRES



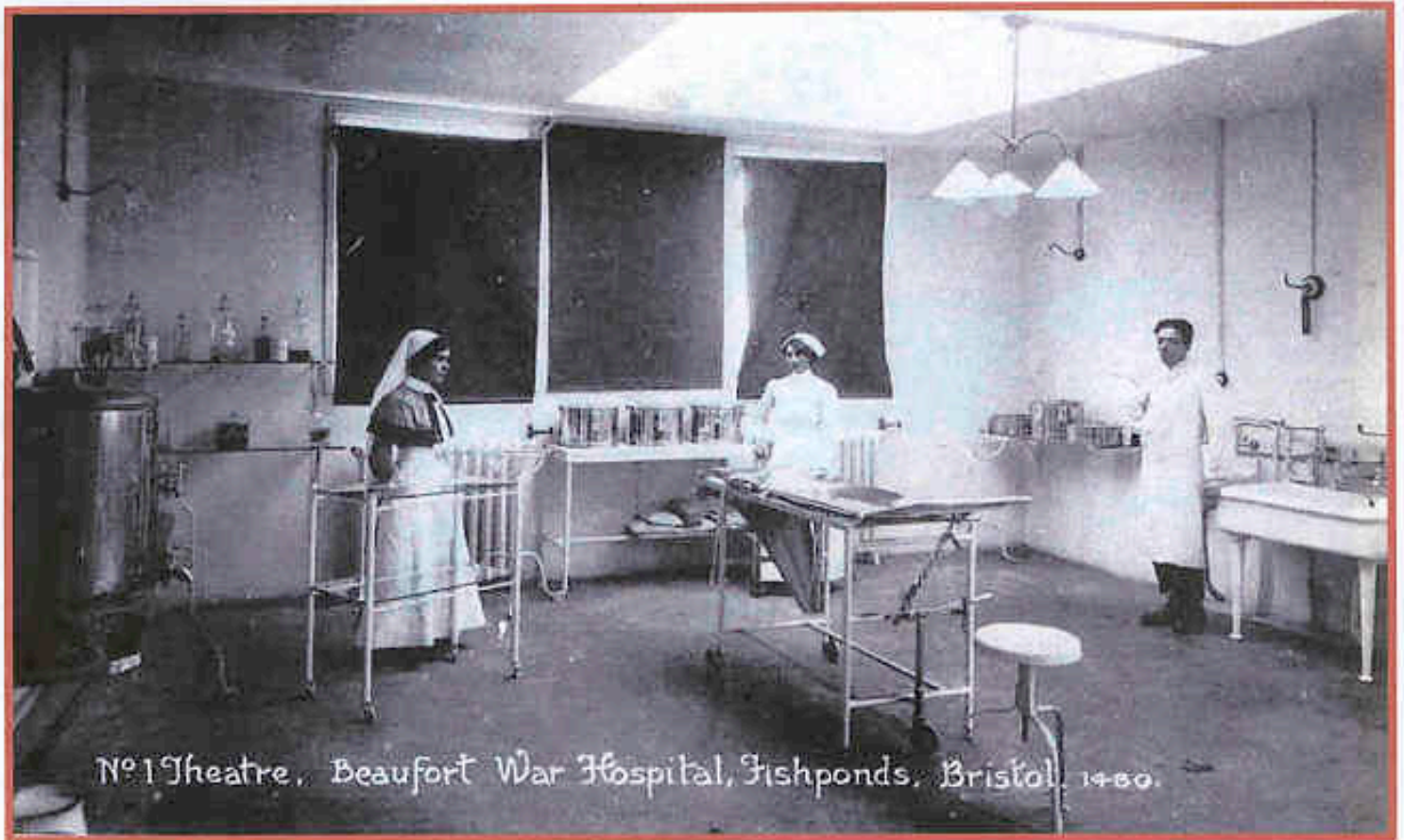
**New Eye Theatre at The Royal Berkshire Hospital, Reading, 1912 [CAC, fig.13]
Means of heating not evident.**

ST PETERSBURG



**Women medical students attending a lecture in the operating theatre, 1913
Note the daylighting provided by the very large windows [SP, 220]**

OPERATING THEATRES



**No.1 Theatre in the Beaufort War Hospital, Fishponds, Bristol, c.1917 [PH, 84]
Heating is provided by two radiators located under the windows.**

OPERATING THEATRES

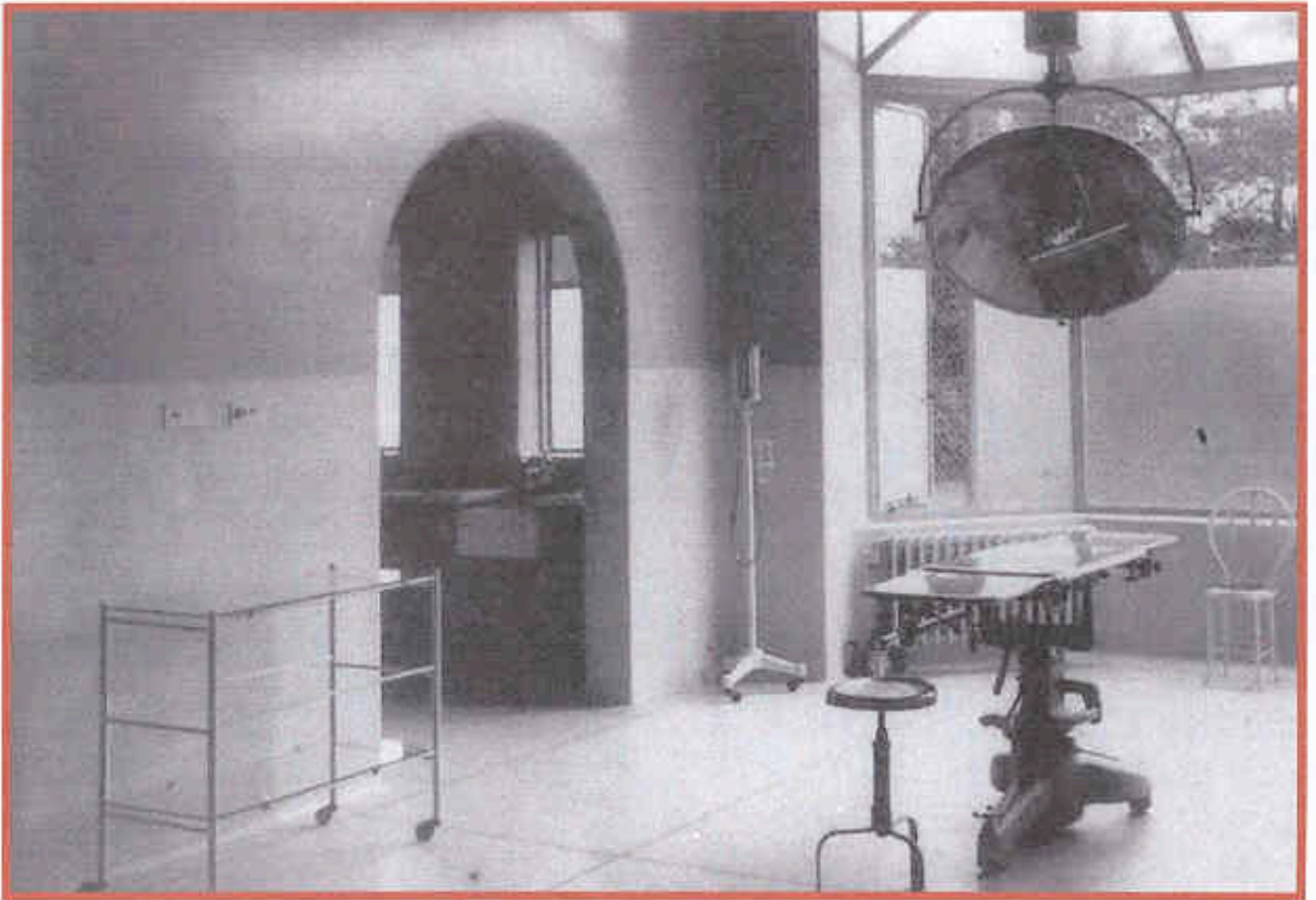


Operating Theatre in Henley War Memorial Hospital, c.1923 (?) [CAC, fig.47]

Opened 1923 with 8 beds in 2 public wards.

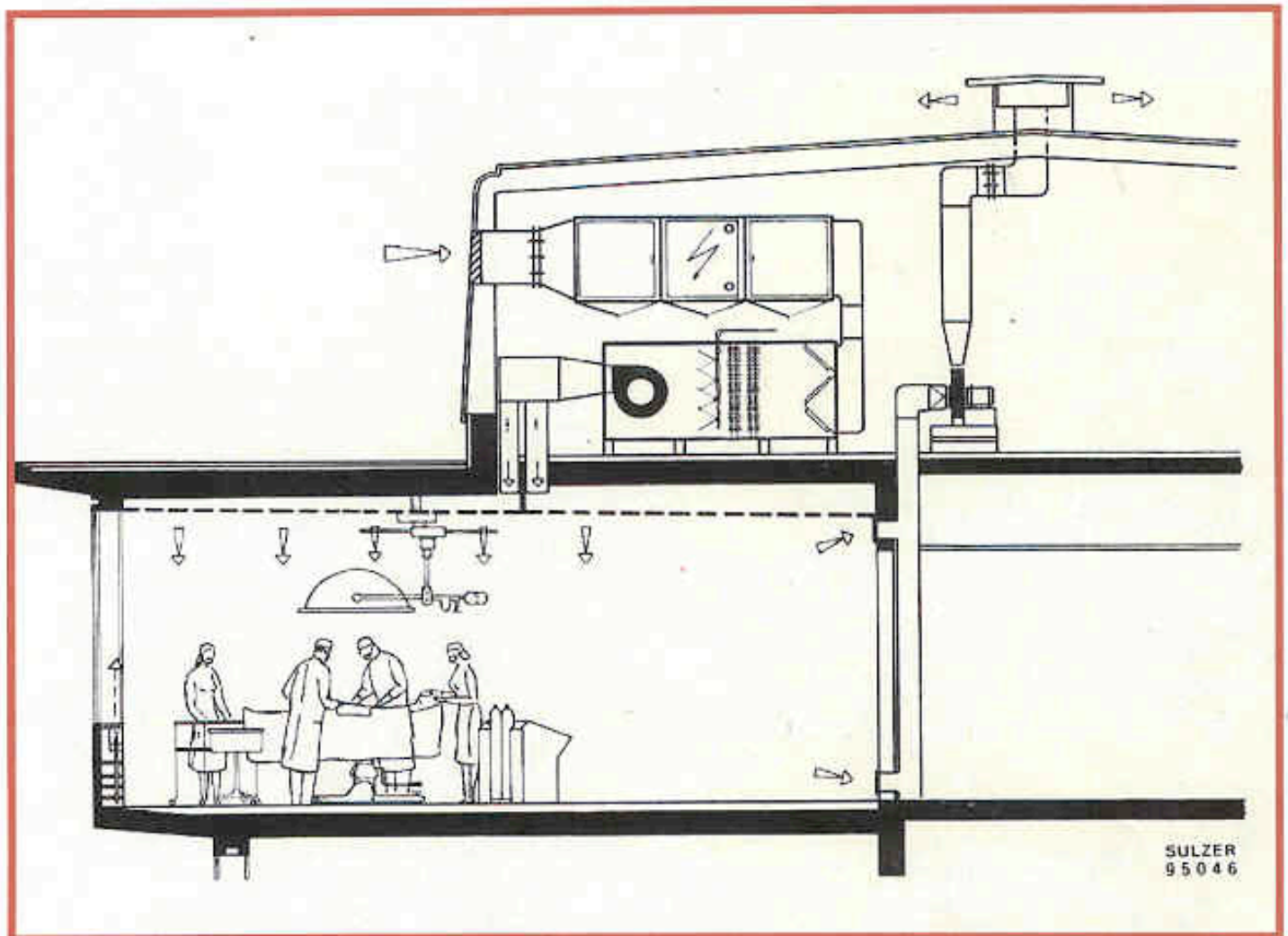
Under-window radiator can be seen (centre background) with trolley for medical gases (left).

OPERATING THEATRES



**Operating Theatre in Newbury District Hospital, 1930 [CAC, fig.24]
Opened in 1885 with 12 beds, architect H G Turner, cost £2400.
Heating by radiators, ventilation it seems by opening windows.**

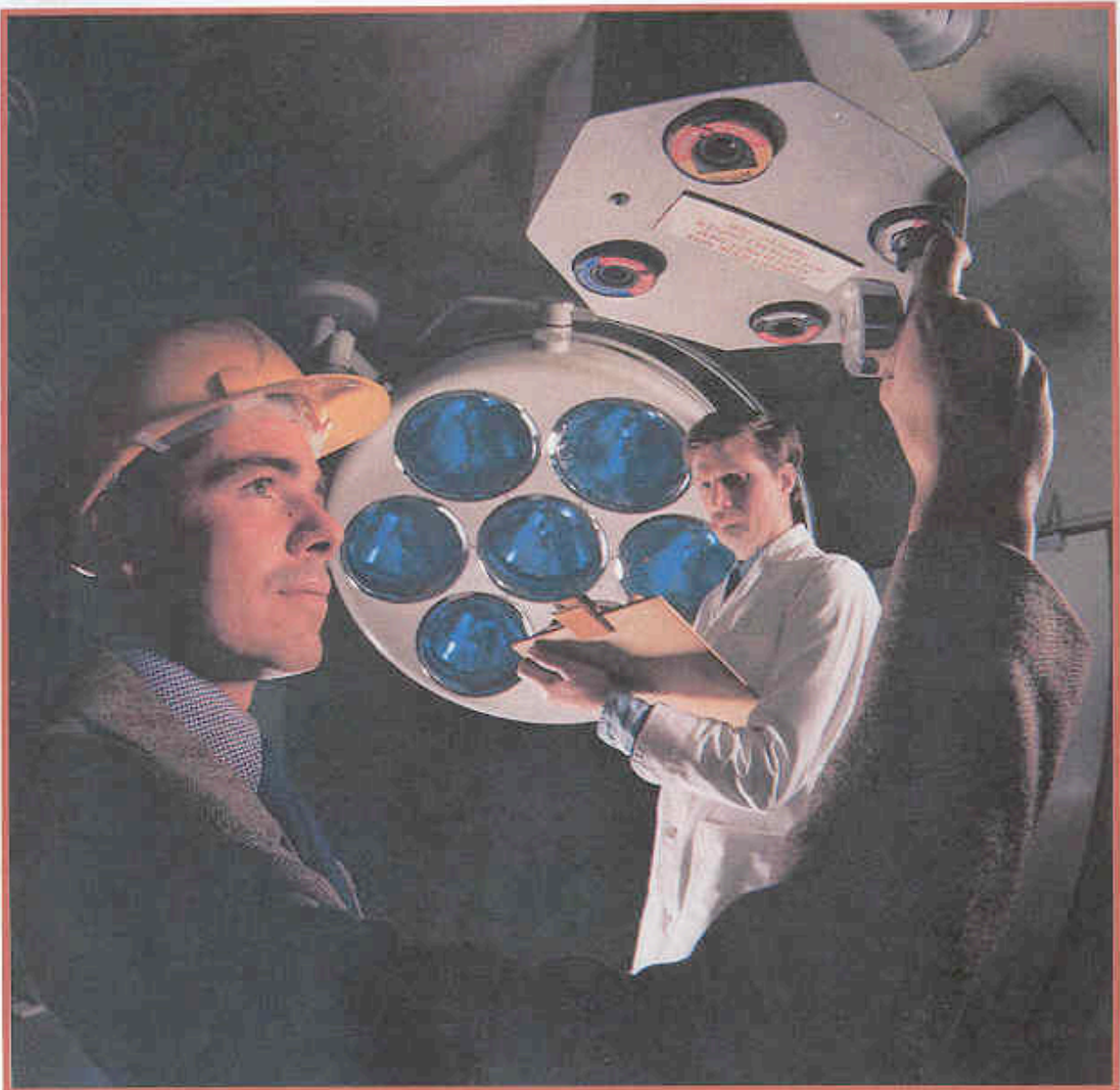
OPERATING THEATRES



**An early modern air conditioned operating theatre in the Catonal Hospital,
Winterthur, Switzerland, 1959 [STR, 39]**

The system is an all fresh air plant with an electrostatic precipitator filter and humidification, supplying conditioned air through a laminar flow ceiling with a separate exhaust system, extracting air at high and low level in the theatre to minimise risk of explosion from anaesthetic gases: supplementary under-window heating is also provided.

OPERATING THEATRES



Checking medical gas systems, King's Lynn District General Hospital,
Drake & Scull, 1979 [EIE, 11]