


**HOSPITAL AUTHORITY  
CORPORATE SCHOLARSHIP  
EXPERIENCE-EXTRACORPOREAL  
MEMBRANE  
OXYGENATION(ECMO):UK &  
FRANCE**



# DIFFERENCE BETWEEN ECMO SERVICE BETWEEN UK/FRANCE VS HK

- ▶ In HK:

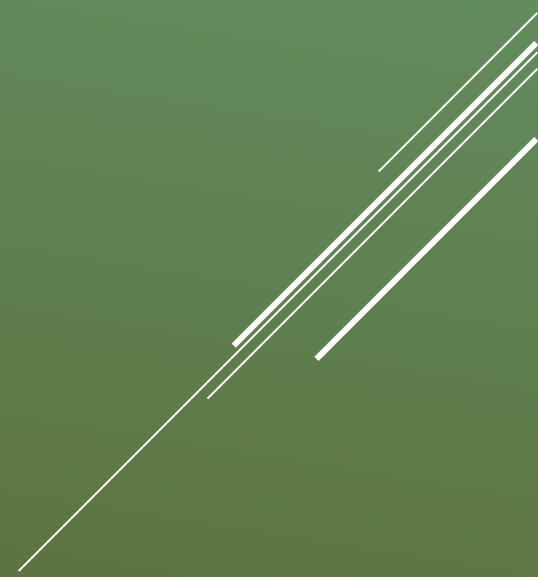
ECMO team will normally include ICU doctor & nurses familiar with ECMO .

- ▶ In UK:

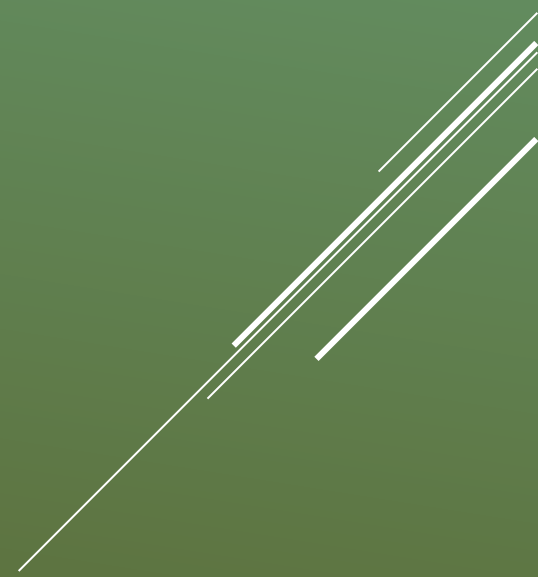
ECMO team will include ECMO specialist (maybe nurse/doctor),intensivist,perfusionist

- ▶ In France:

ECMO team will include intensivist,surgeon, nurse trained for ECMO,perfusionist.



- ▶ **Glenfield hospital, Leicester**
- ▶ **Papworth hospital, Cambridge**
- ▶ **Le Pitie Hospital, Paris**



Key:

- Adult, Paediatric & Neonatal ECMO Centre
- Adult ECMO Centre
- Paediatric & Neonatal ECMO Centre

Royal Hospital For Sick Children: Glasgow

Freeman Hospital: Newcastle

Wythenshawe Hospital: Manchester

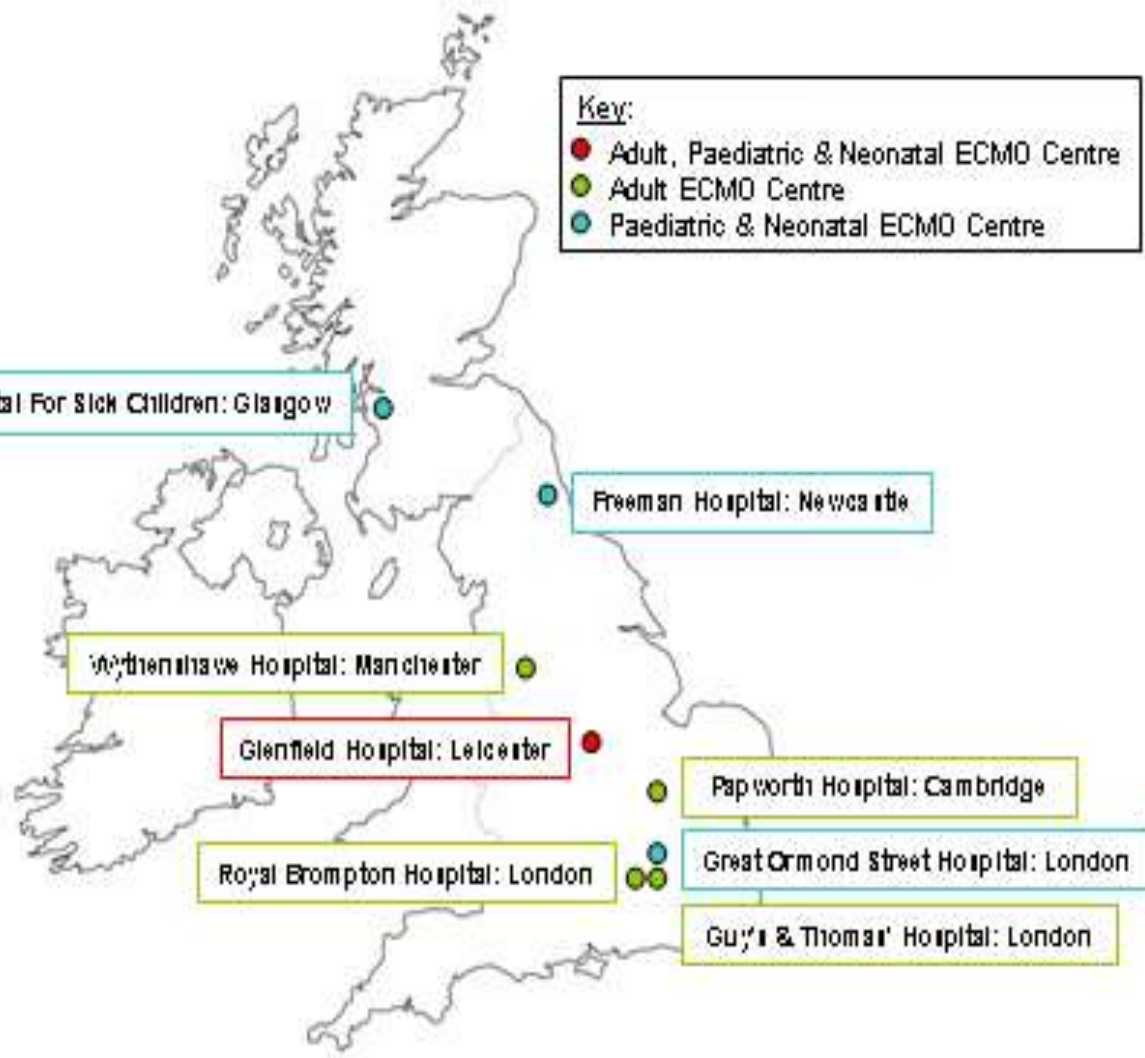
Glentfield Hospital: Leicester

Papworth Hospital: Cambridge

Royal Brompton Hospital: London

Great Ormond Street Hospital: London

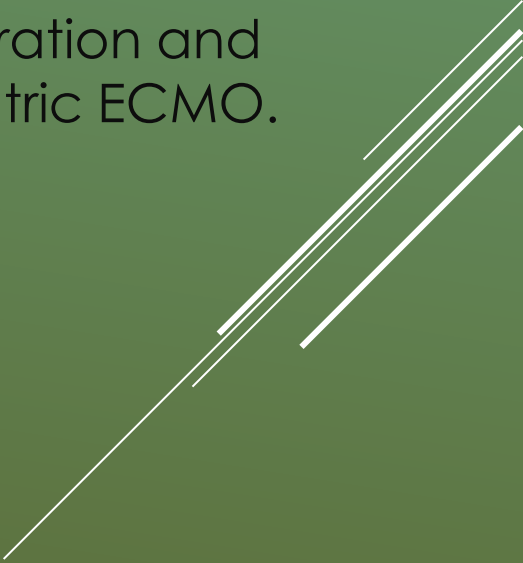
Guy's & Thomas' Hospital: London



- ▶ There are five adult ECMO centres in the UK.

They are:

- Glenfield Hospital: Leicester
  - Papworth Hospital: Cambridge
  - Wythenshawe Hospital: Manchester
  - Guy's & St Thomas' Hospital: London
  - Royal Brompton & Harefield Hospital: London
- ▶ Each of the centres cover a defined geographical area (see picture to the right) and a number of established critical care networks exist. The five centres work in close collaboration to ensure an excellent, safe and efficient service is provided to all areas of the UK & Northern Ireland.

- ▶ There are four paediatric ECMO centres in the UK. They are:
  - ▶ - Glenfield Hospital: Leicester
    - The Freeman Hospital: Newcastle
    - The Royal Hospital for Sick Children: Glasgow
    - Great Ormond Street Hospital: London
  - ▶ The paediatric centres have all been performing ECMO for more than 20 years and through regular collaboration and review maintain the highest standards of paediatric ECMO.
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- ▶ Glenfield Hospital has since become one of the world's busiest extra corporeal membrane oxygenation (ECMO) centres and the only hospital in the UK to provide ECMO therapy for both adults and children.
- ▶ Glenfield Hospital is registered with the Extracorporeal Life Support Organisation (ELSO) and is one of the world's most experienced hospitals in using ECMO. Glenfield Hospital offers a specialist training course for national practitioners and people from overseas; many attending from Europe and as far as the Middle East, Asia and Australia













Standard Adult Trauma & Resuscitation Kit  
1,000000

Item #	Qty
100-1-1 Resuscitation	100-1-1 Resuscitation
100-1-2 Resuscitation	100-1-2 Resuscitation
100-1-3 Resuscitation	100-1-3 Resuscitation

Standard Kit  
Expires: 12/31/11  
Expires: 12/31/12  
Expires: 12/31/13

100-1-1  
100-1-2  
100-1-3

## ▶ **The ECMO service at Papworth**

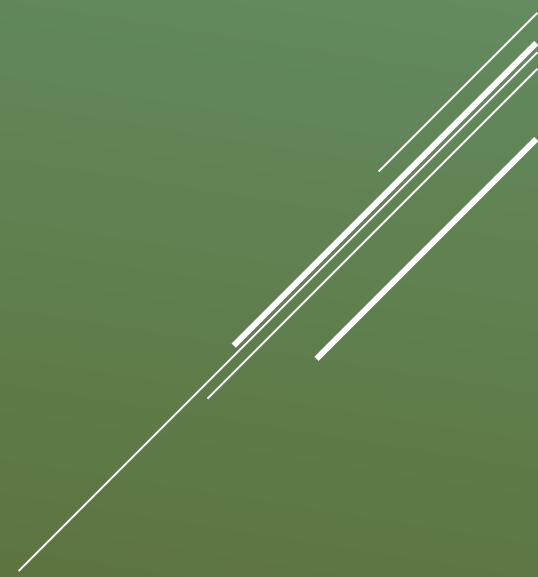
- ▶ As a tertiary cardiothoracic centre, Papworth Hospital has been providing specialist ECMO services for a number of years. The hospital is registered with the international ExtraCorporeal Life Support Organisation (ELSO) and is renowned for its experience using ECMO for either cardiac or respiratory support.



- ▶ In addition to providing ECMO on site, Papworth has developed a retrieval service to secure the rapid and safe transfer of patients between referring hospital and the ECMO centres.



- ▶ Papworth provides the ECMO service to patients in Cambridgeshire, Norfolk, Suffolk, Hertfordshire, Bedfordshire, Essex and North East London. Based on modelling by the National Specialist Commissioning Team who have commissioned the service, Papworth will receive around thirty patients each year but retains the flexibility to increase capacity in response to higher demand.



- ▶ Papworth will support the national service by accepting patients from the other centres if they reach full capacity.



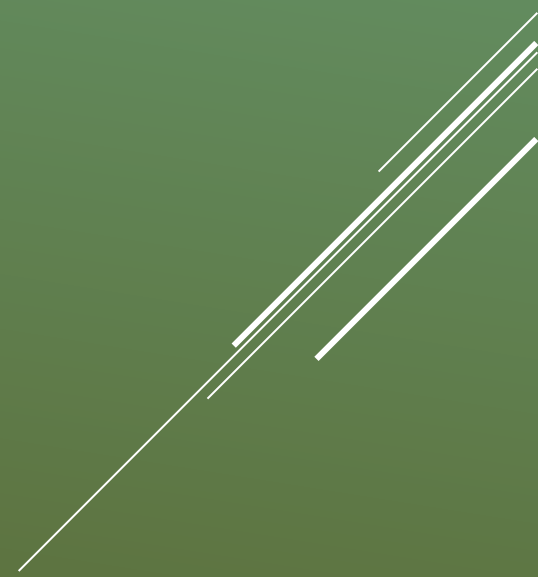






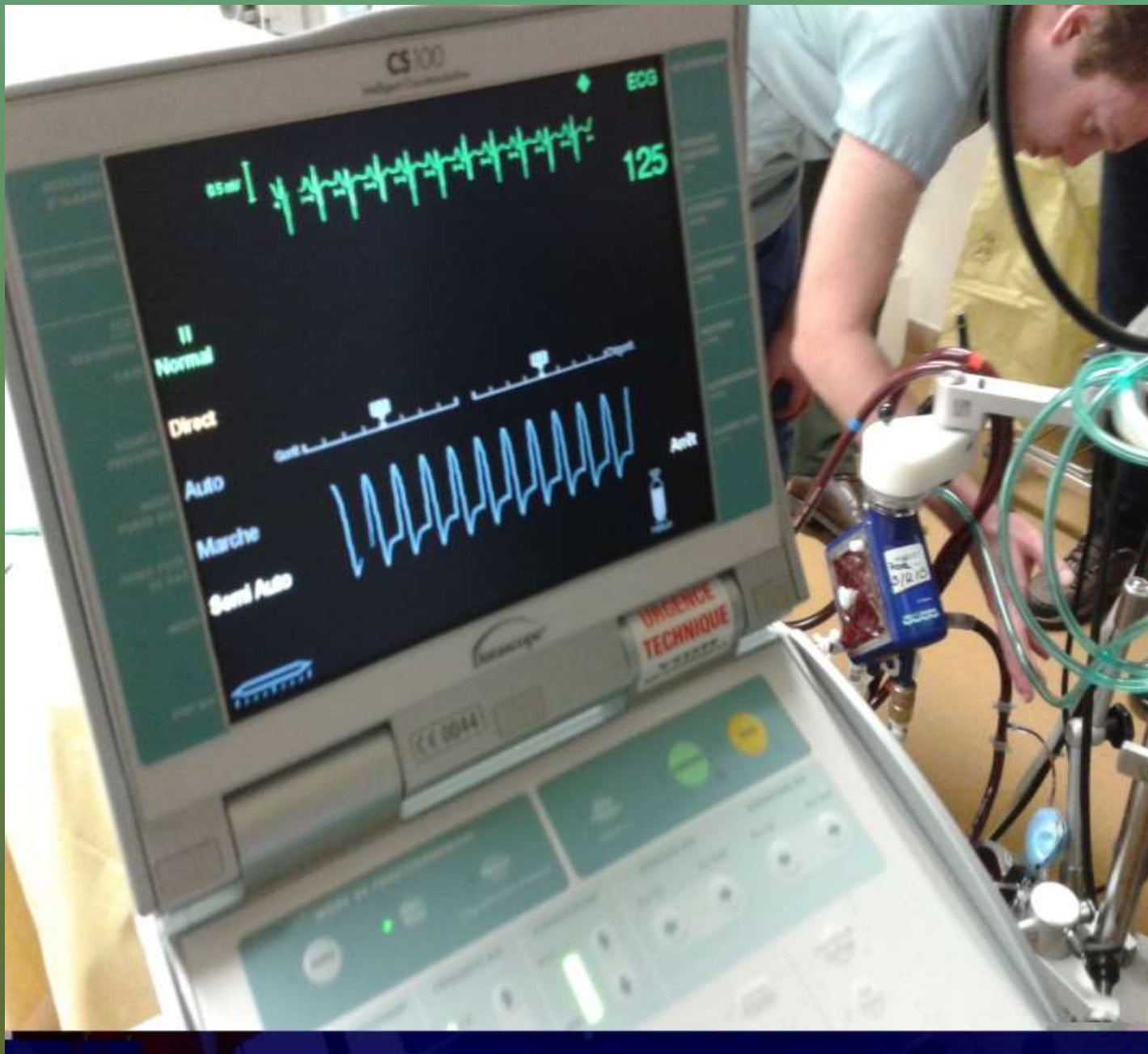


- ▶ The Hôpital de la Pitié, founded about 1612, was moved next to the Salpêtrière in 1911 and fused with it in 1964 to form the Groupe Hospitalier Pitié-Salpêtrière. The Pitié-Salpêtrière is now a general teaching hospital with departments focusing on most major medical specialities.

















# TRENDS FOR ECMO

- ▶ Choose the right patient for ECMO  
balance between benefit and complications
  - ▶ Concern the ethnics for ECMO
  - ▶ Minimize the nursing staff in looking after patient on ECMO
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