

Increasing Organ Donation: What Next?

Mr Chris Rudge FRCS
National Clinical Director for Transplantation
Department of Health
APPKG March 28th 2011

Agenda

- Why does organ donation matter?
- Why is it difficult?
- What has been achieved?
- How has it been achieved?
- The Challenge for the future

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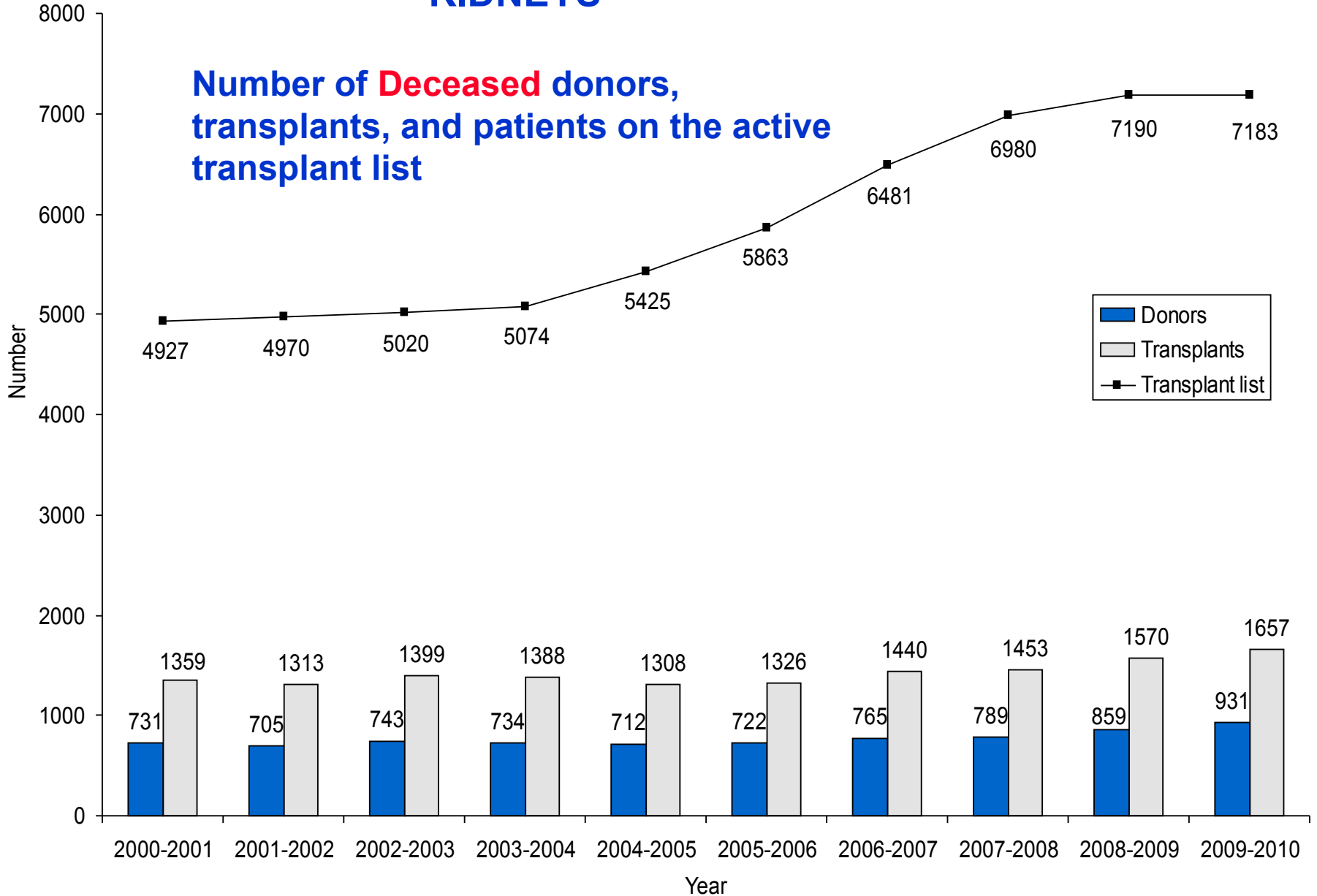
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Why does organ donation matter?

- The Human cost
- The Financial cost

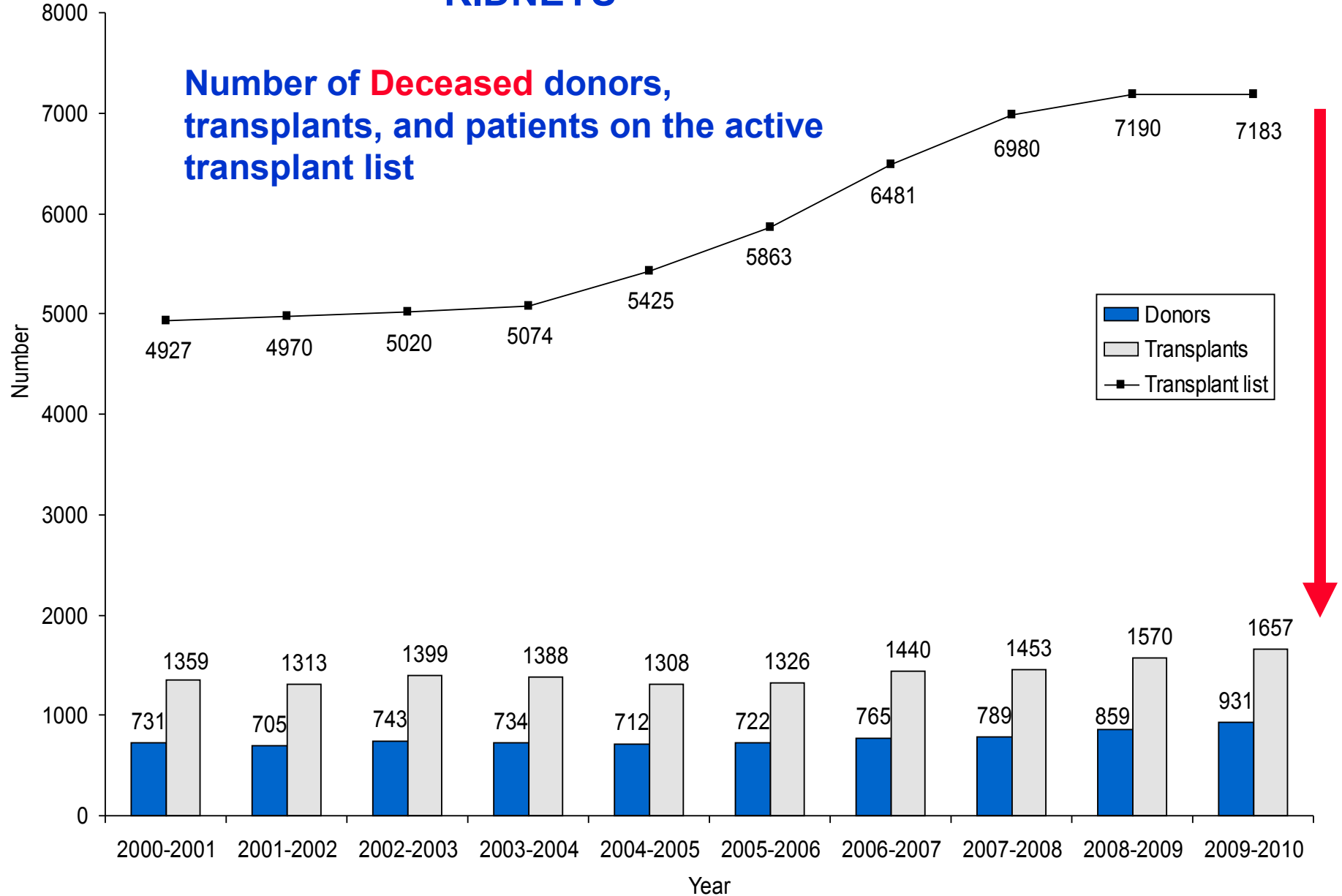
KIDNEYS

Number of **Deceased** donors,
transplants, and patients on the active
transplant list



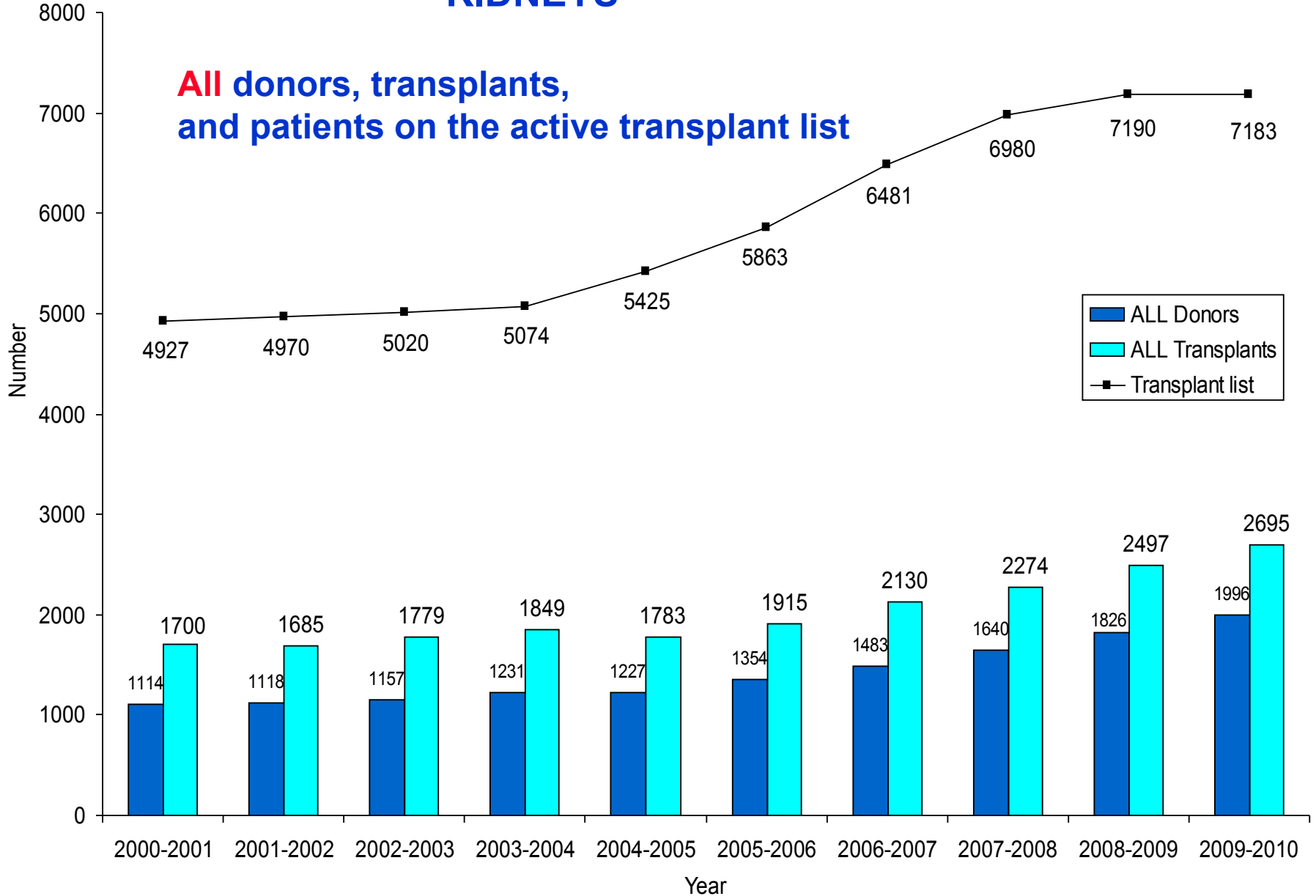
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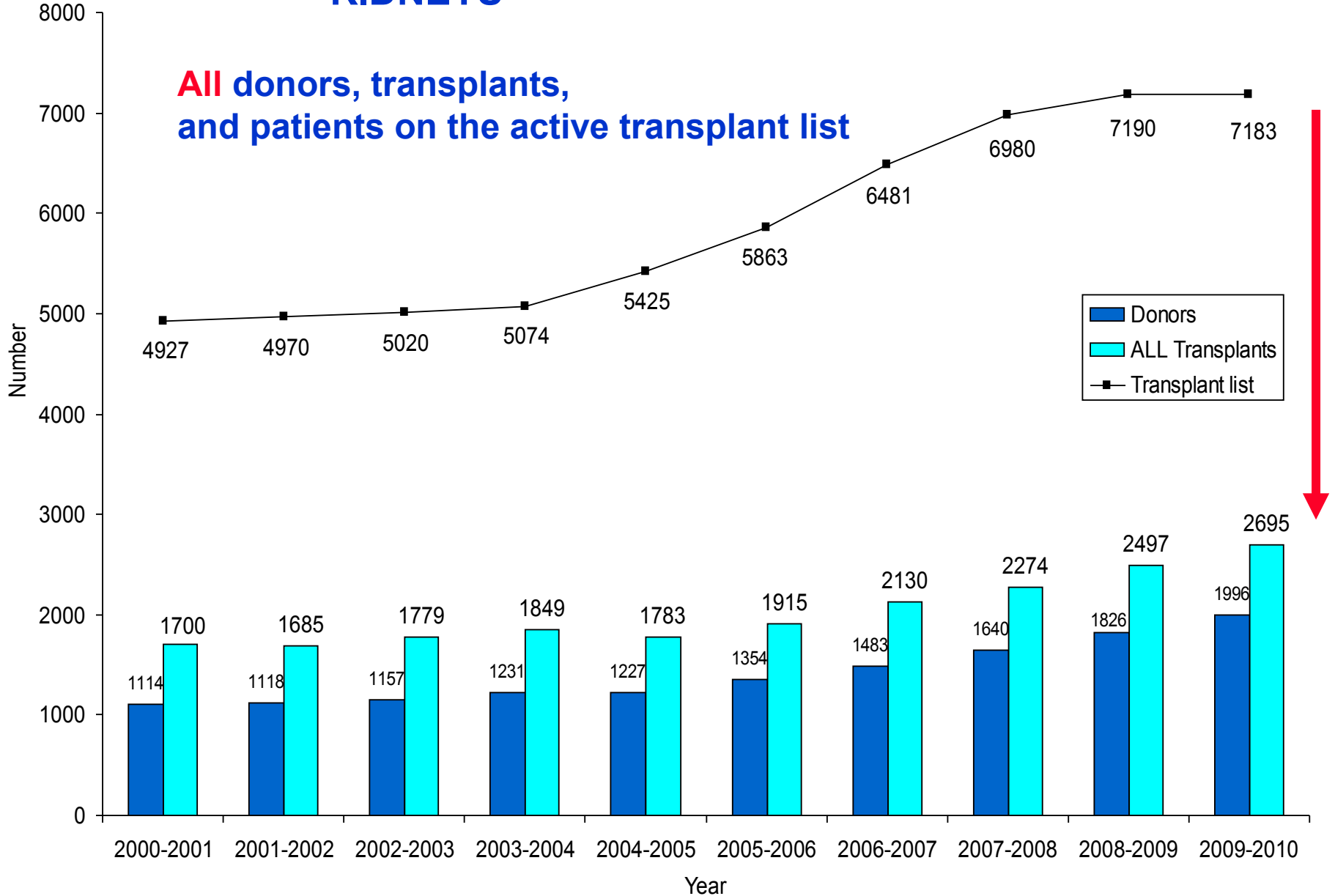
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**All donors, transplants,
and patients on the active transplant list**



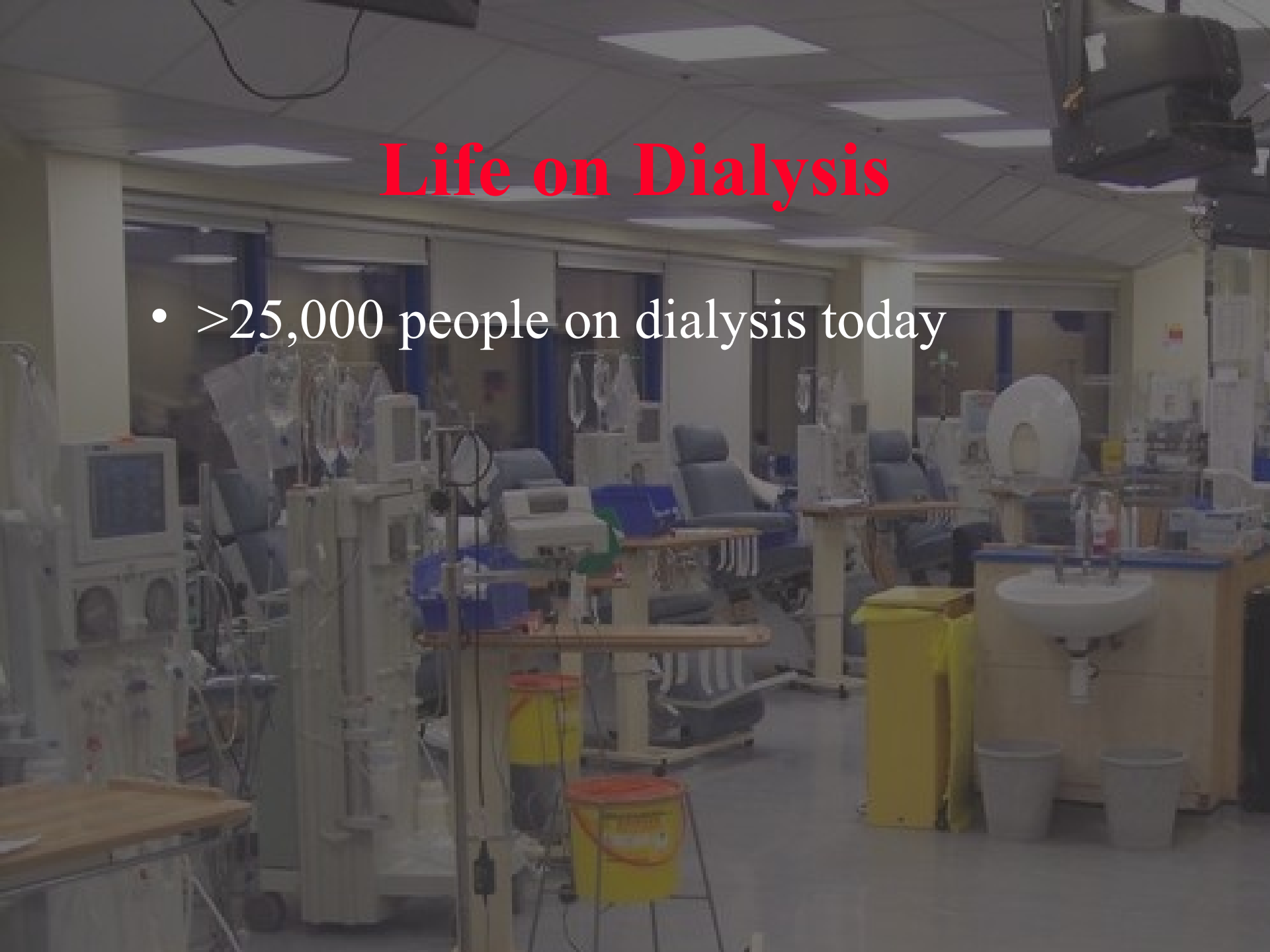
KIDNEYS

All donors, transplants, and patients on the active transplant list



Life on Dialysis

- >25,000 people on dialysis today



Life on Dialysis

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Sitting by the phone:

- >7,000 awaiting transplant
- 1,657 deceased donor transplants in 2009/10
- 1038 living donor transplants in 2009/10

Other Organ Transplants

Access to waiting lists is capped

Live related liver transplants

50% mortality rate for Cystic Fibrosis patients
awaiting transplants

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**1000+ patients die on transplant
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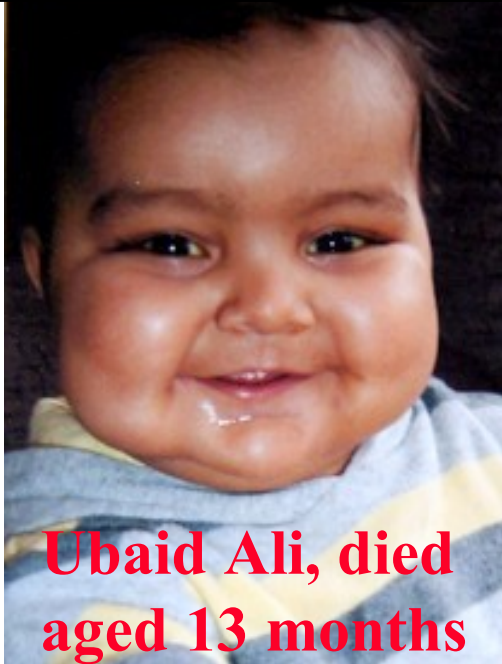
Other Organ Transplants

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Live related liver transplants

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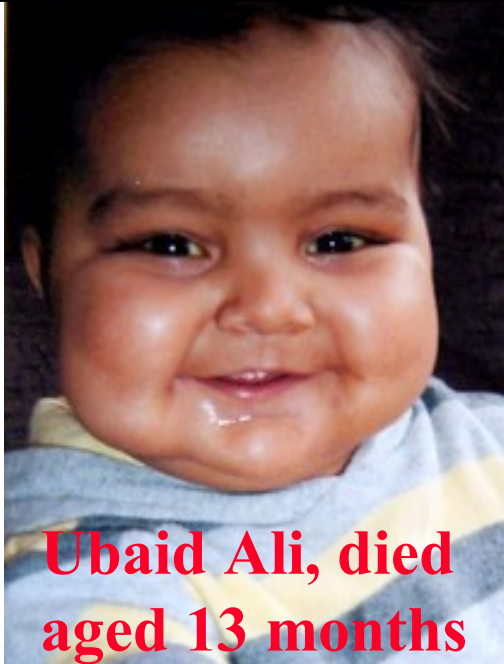
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**Ubaid Ali, died
aged 13 months**

Other Organ Transplants

Access to waiting lists is capped
Live related liver transplants
50% mortality rate for CF patients
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**1000+ patients die on transplant
waiting list every year**



**Ubaid Ali, died
aged 13 months**



**Mary Hand, died
aged 22**

The Financial cost

- A kidney transplant patient costs the NHS less (after the first year) than a patient on dialysis:
 - Approx. £6000 pa v £40,000 pa
- Currently:
 - Transplantation produces savings to the NHS of over £316 million pa.
- A 50% increase in donation:
 - Would generate additional savings of >£200 million pa.

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Why is Donation so Difficult – in general?

- Very few people die in the “right” circumstances:
 - Wrong disease (cancer, infections, organ failure)
 - Wrong place (donation only possible from hospitals – until recently, only from ICU)
 - Wrong way (organs must be removed within 30-45 minutes, so death must be expected but quick, not slow or sudden)
- Numbers (approx)
 - 560,000 people die in UK pa
 - 15,000 die in ICU
 - 1650 are possible donors
 - 1000 become organ donors

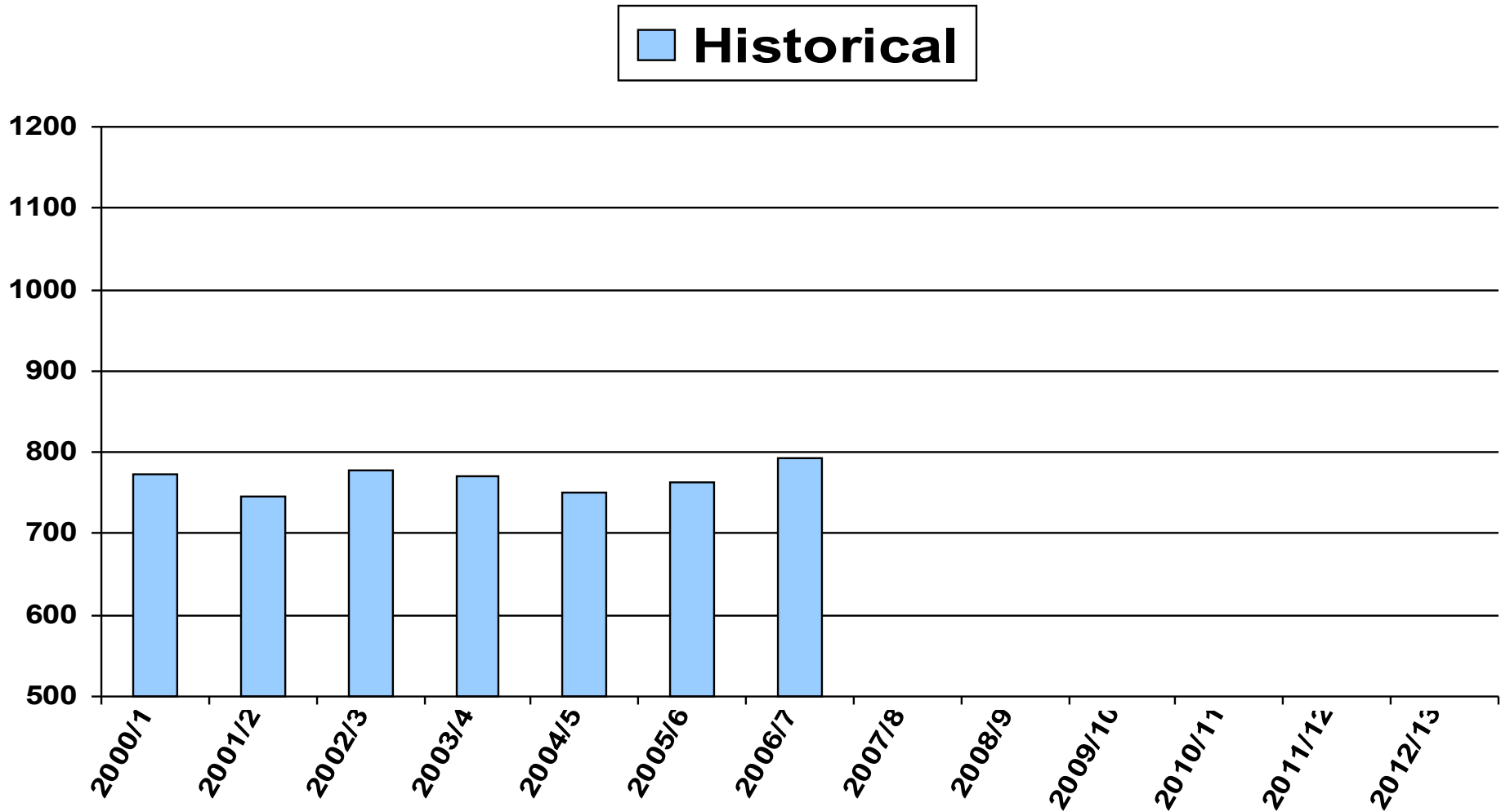
Why is Donation so Difficult - in hospitals?

- Uncommon
- Poorly understood
- Disruptive to services
 - ICU
 - emergency medicine
 - operating theatre
- No observable benefit
- Potential for conflict

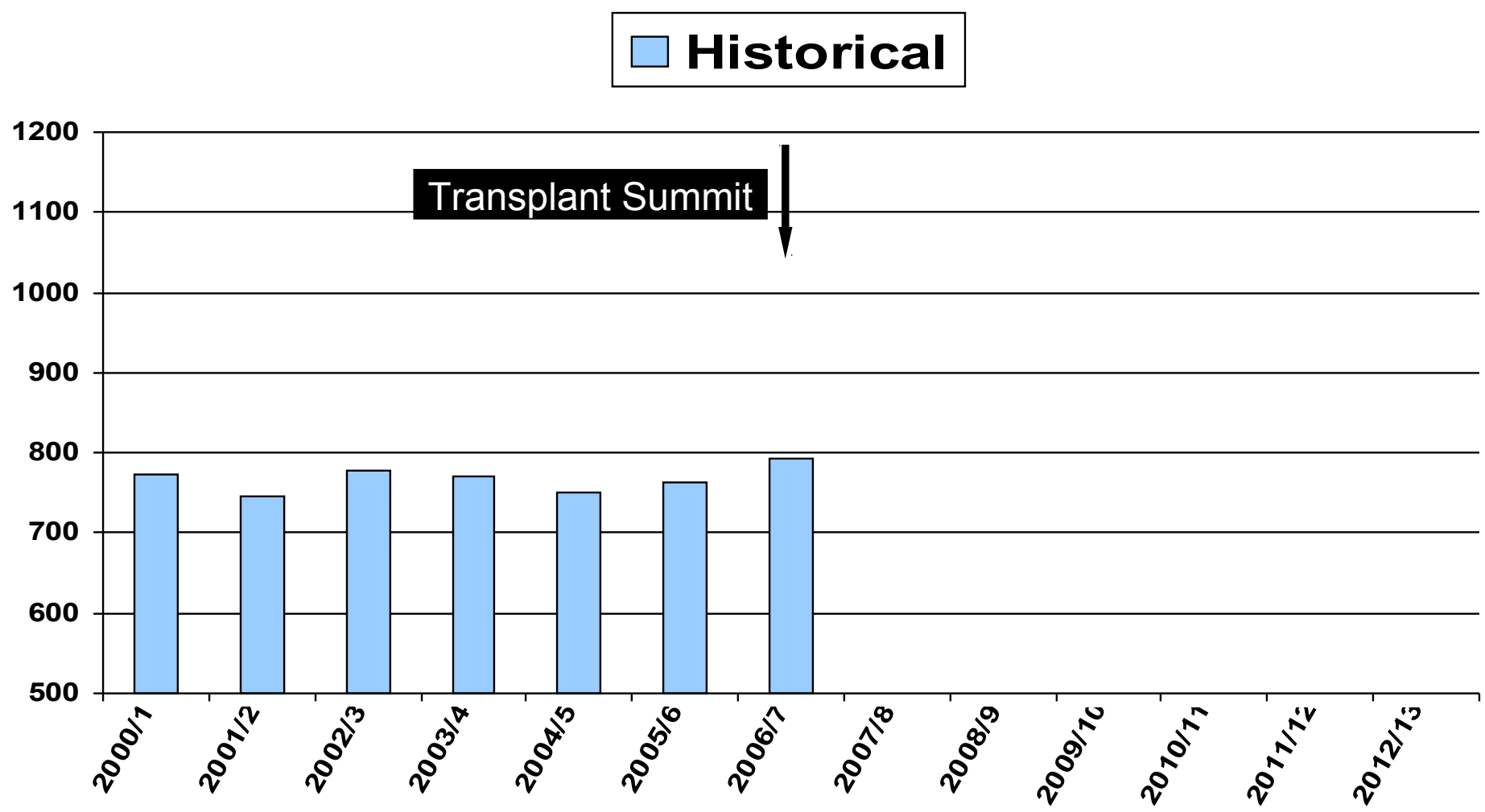
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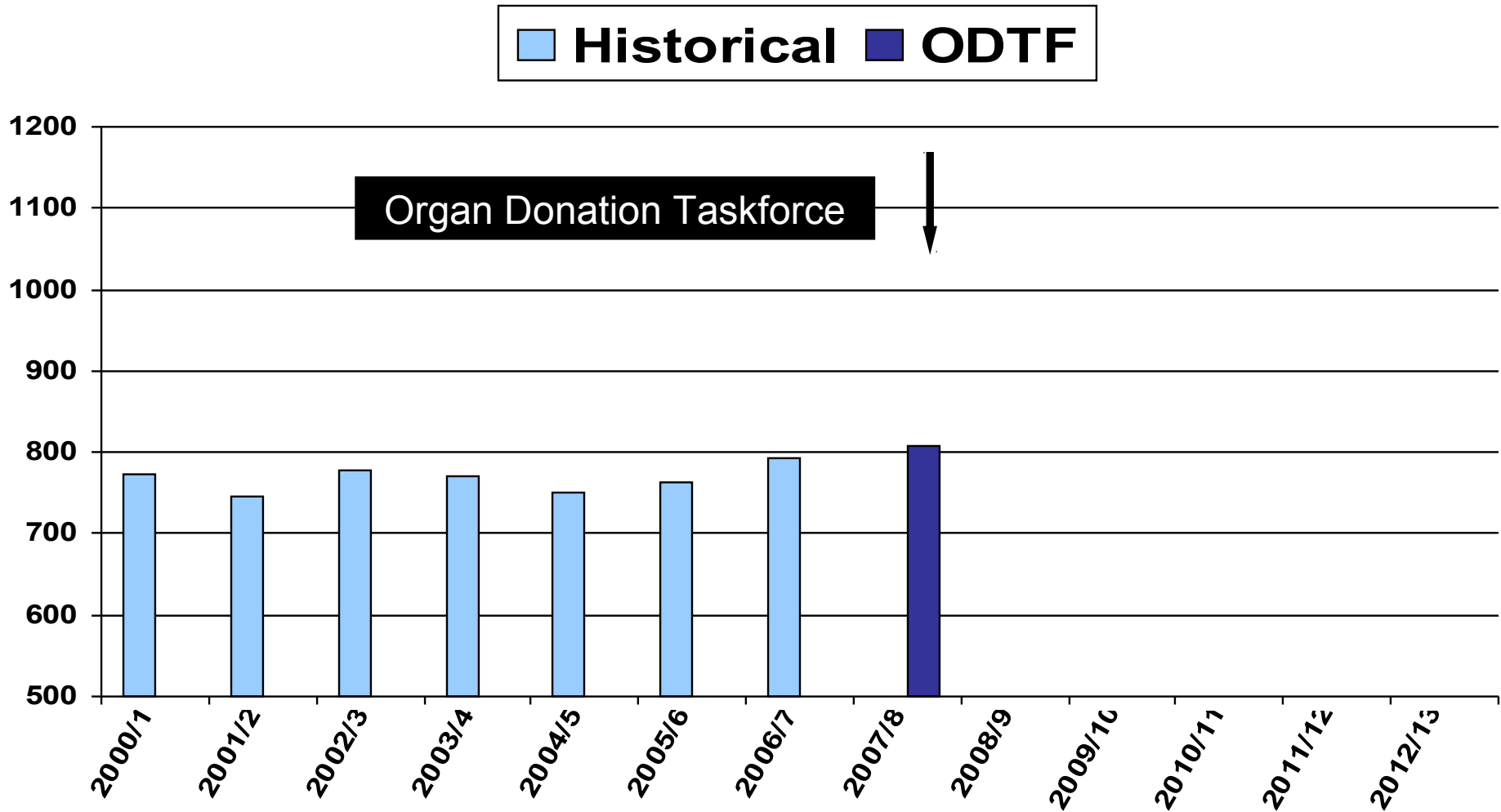
Deceased donors in the UK



Deceased donors in the UK



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The Organ Donation Taskforce



Organs for Transplants

A report from the Organ Donation Taskforce

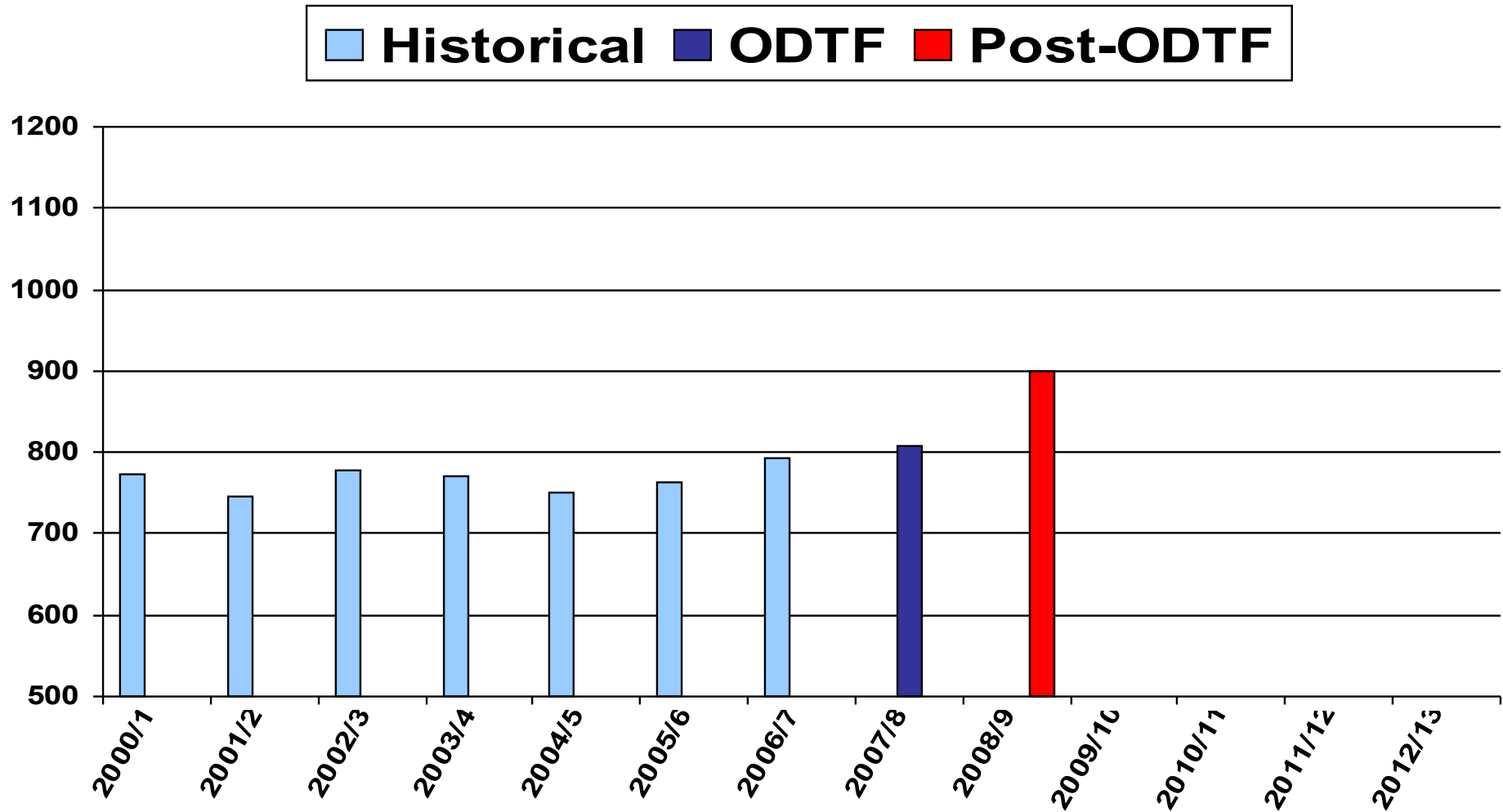


Working in partnership with

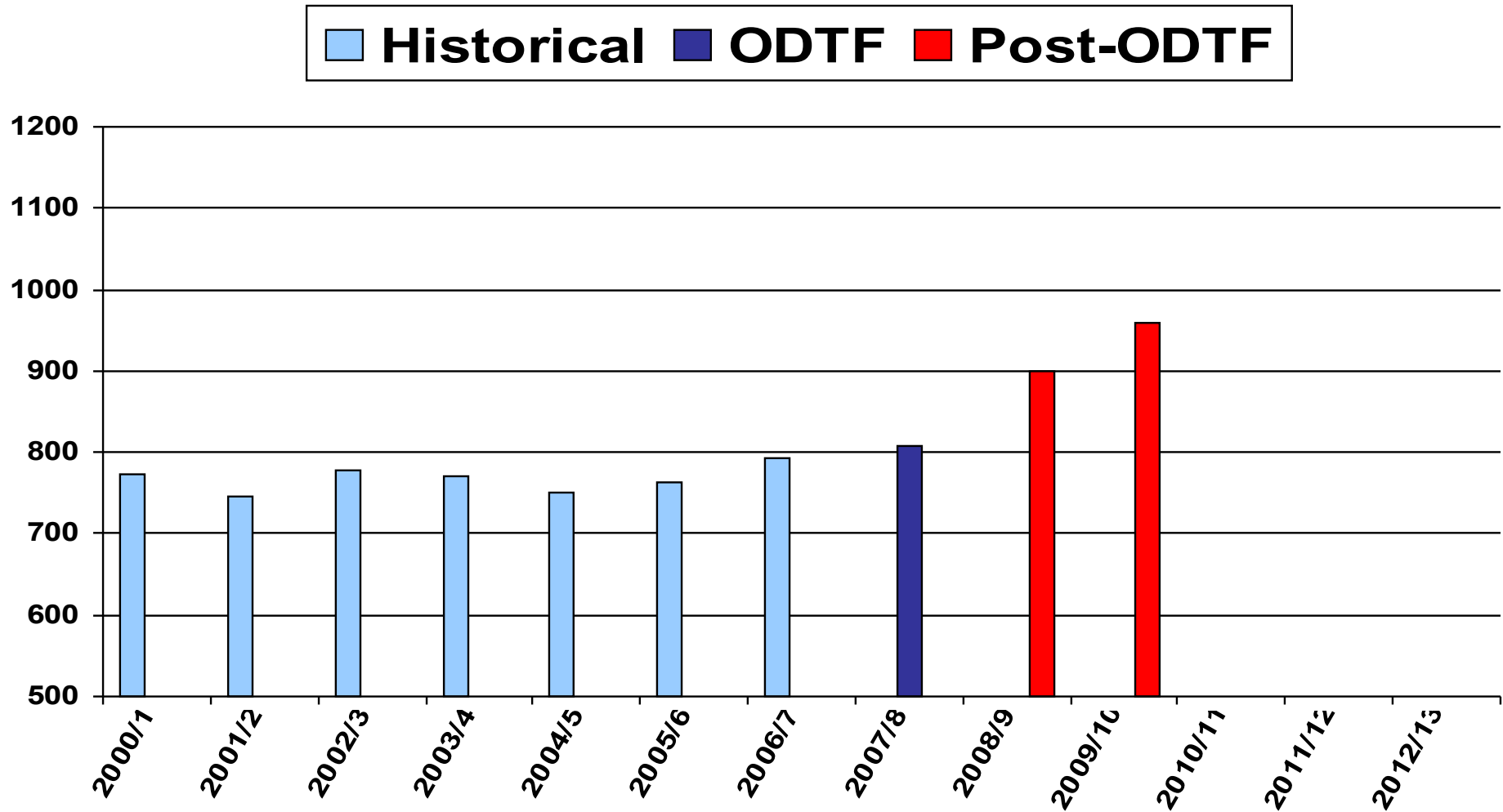


January 2008

Deceased donors in the UK

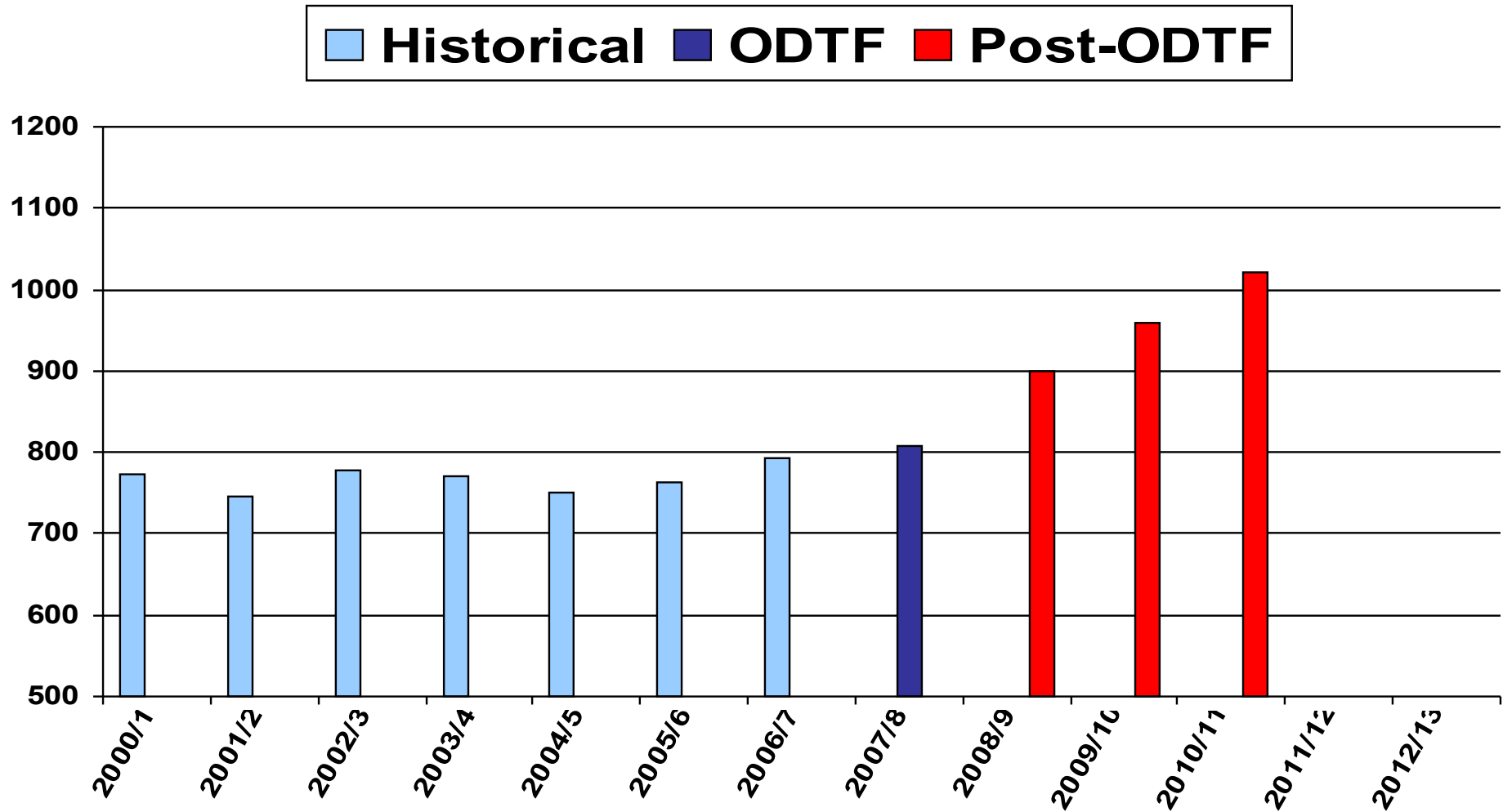


Deceased donors in the UK

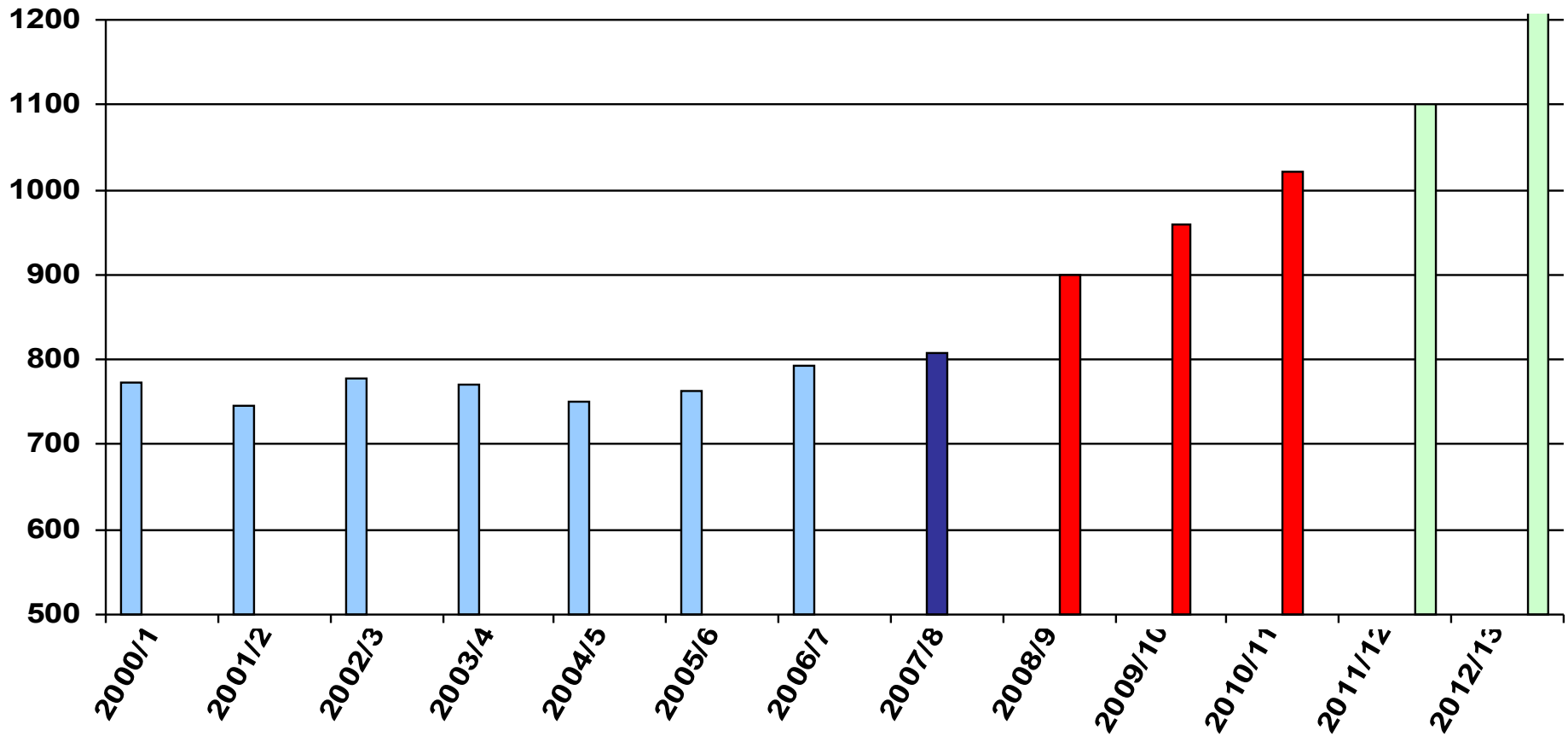
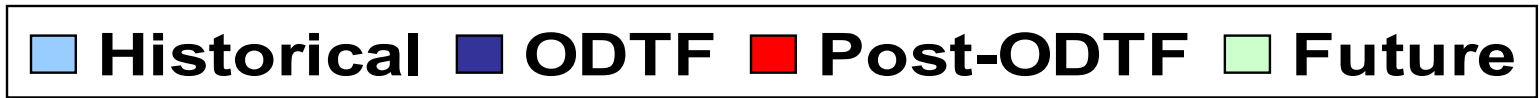


Deceased donors in the UK

(Numbers for 2010/11 extrapolated from data 1.4.10-16.1.11)



Deceased donors in the UK



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How has it been achieved?

- A clear plan
- Central Support
 - Sir Bruce Keogh, Programme Delivery Board
- Clinical Leadership
 - National Clinical Director
- Support from all stakeholders
 - Colleges, Societies, NHS Blood and Transplant, DAs
- Relatively little money

The Organ Donation Taskforce



Organs for Transplants

A report from the Organ Donation Taskforce



Working in partnership with



January 2008

A UK model for donation

NHSBT

National ODO
Effective co-ordination and retrieval
Education, training and audit
Public engagement



Acute Hospital Trusts

Clinical leads
Embedded co-ordinators
Donation committees



More donors

Department of Health

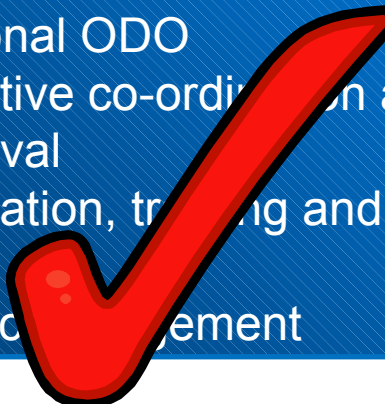
Funding
Resolution of ethical and legal issues
Performance Management
Training
Public recognition



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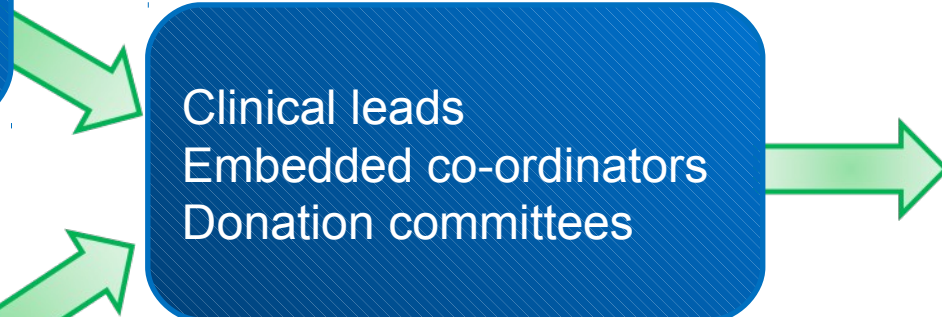
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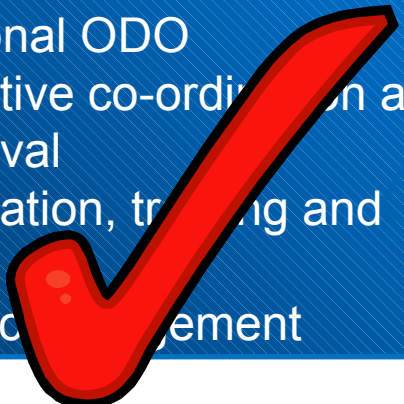
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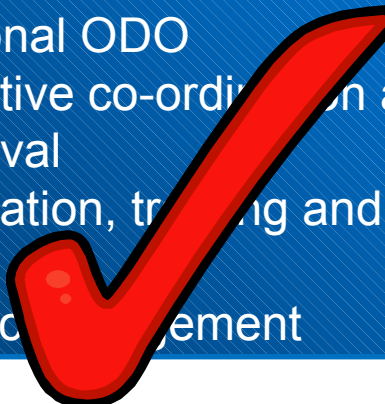
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More donors

Department of Health

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Achievements

- A radical new infrastructure
 - Clinical Leads in 98% of hospitals
 - Donation committees in 85%
 - Doubled the number of specialist nurses
- Legal, ethical and professional support
 - Legal Guidance
 - UK Donation Ethics Committee
 - Consensus Reports on DCD, role of Emergency Medicine
- Training needs, content and delivery
 - Professional development programme, map of medicine
- Audit and oversight
 - Improved PDA data, in the public domain
- Insight into attitudes of BME communities
 - Engagement with a wide range of Faiths and cultures

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Challenges

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 - Influence clinical practice
 - Win hearts and minds

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- How to use the new infrastructure
 - Influence clinical practice
 - Win hearts and minds
- How to support the new infrastructure
 - Changing “healthcare” world
 - Focus on outcomes not processes
 - Local responsibilities

The old world: 18 coordinator teams

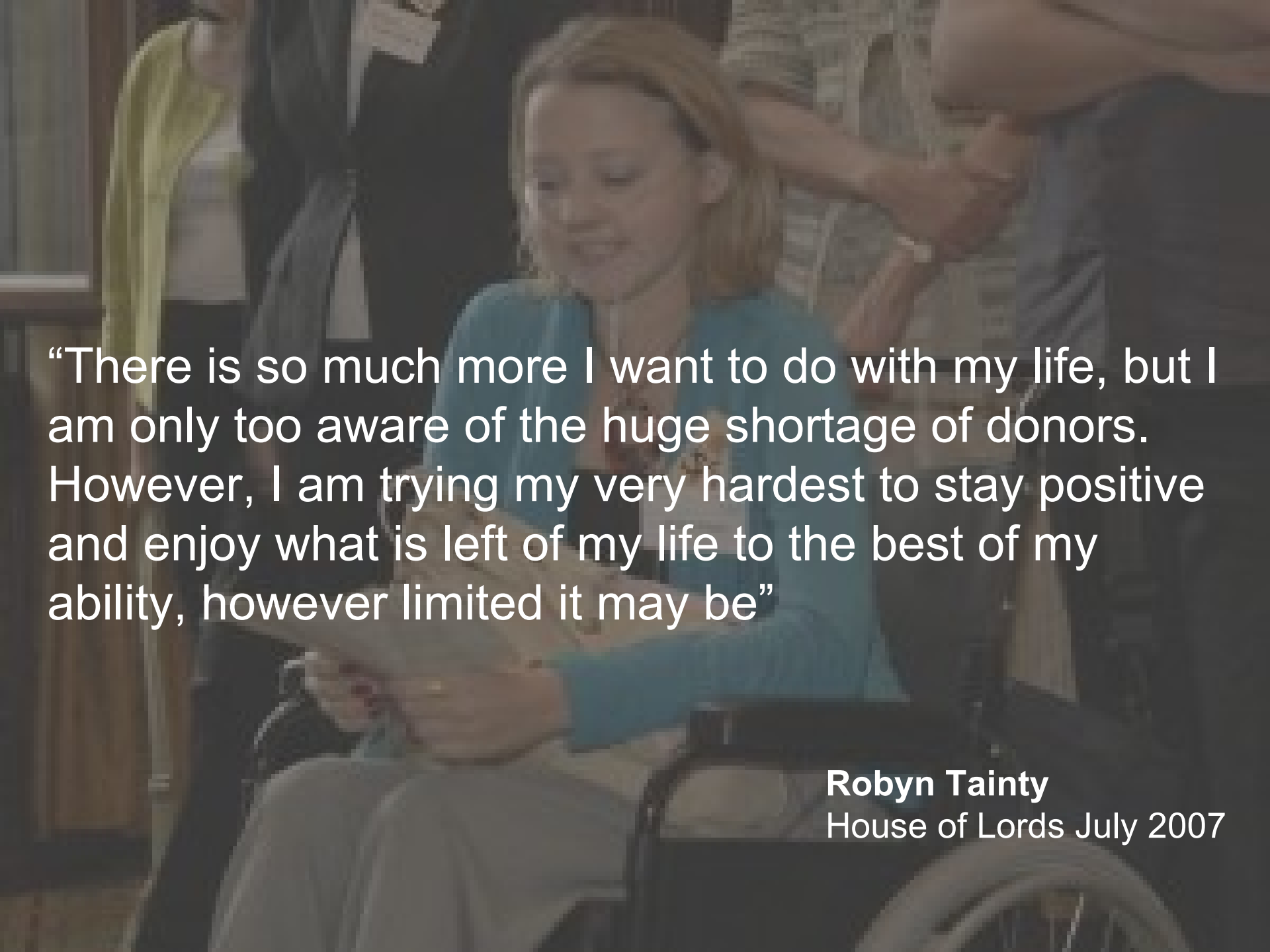


The new world: 160+ donation committees



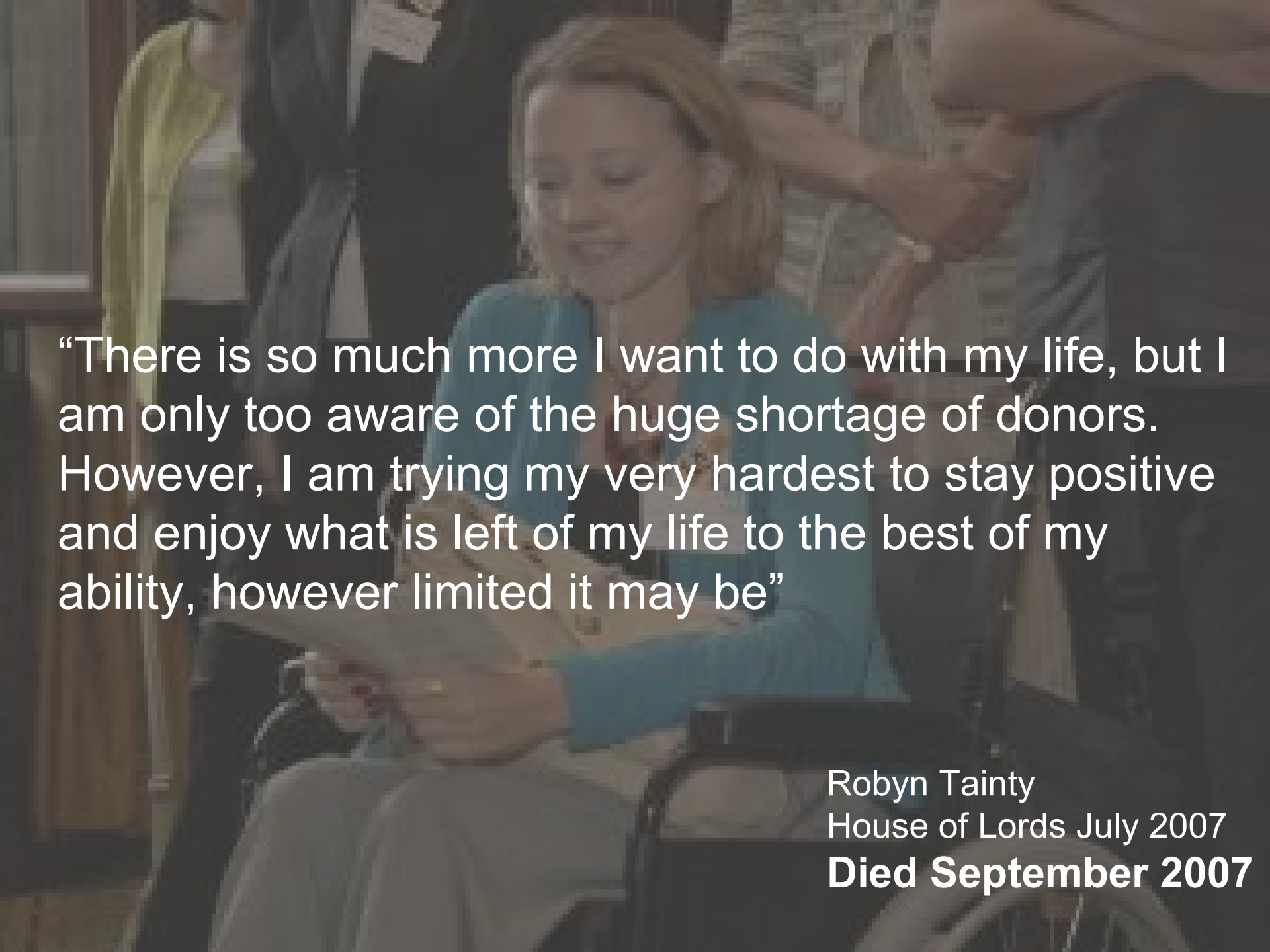


Robyn Tainty
House of Lords July 2007

A photograph of a woman with blonde hair wearing a blue top, holding a baby. A man in a grey shirt stands behind her, his hand on her shoulder. The scene is dimly lit, possibly indoors. The text is overlaid on the image.

“There is so much more I want to do with my life, but I am only too aware of the huge shortage of donors. However, I am trying my very hardest to stay positive and enjoy what is left of my life to the best of my ability, however limited it may be”

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Died September 2007



Thank You



www.organdonation.nhs.uk

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