Increasing Organ Donation: What Next?

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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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Why does organ donation matter?

• The Human cost

• The Financial cost
KIDNEYS

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

Year


Donors
- 731
- 705
- 743
- 734
- 712
- 722
- 765
- 789
- 859
- 931

Transplants
- 1359
- 1313
- 1399
- 1388
- 1308
- 1326
- 1440
- 1453
- 1570
- 1657

Transplant list

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

Year | Donors | Transplants | Transplant list
--- | --- | --- | ---
2000-2001 | 731 | 705 | 4927
2001-2002 | 743 | 705 | 4970
2002-2003 | 734 | 743 | 5020
2003-2004 | 712 | 734 | 5074
2004-2005 | 722 | 712 | 5425
2005-2006 | 765 | 722 | 5863
2006-2007 | 789 | 765 | 6481
2007-2008 | 859 | 789 | 6980
2008-2009 | 931 | 859 | 7190
2009-2010 | 1657 | 931 | 7183

KIDNEYS
KIDNEYS

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

Year

ALL Donors
ALL Transplants
Transplant list
Life on Dialysis

• >25,000 people on dialysis today
Life on Dialysis

- >25,000 people on dialysis today

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
Other Organ Transplants

Access to waiting lists is capped
Live related liver transplants
50% mortality rate for Cystic Fibrosis patients awaiting transplants
1000+ patients die on transplant waiting list every year
Other Organ Transplants

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

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 awaiting transplants
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

Historical
Deceased donors in the UK

Historical

Transplant Summit
Deceased donors in the UK

Historical

ODTF

Organ Donation Taskforce
Deceased donors in the UK

Historical  ODTF  Post-ODTF

Deceased donors in the UK

Historical | ODTF | Post-ODTF
Deceased donors in the UK
(Numbers for 2010/11 extrapolated from data 1.4.10-16.1.11)
Deceased donors in the UK

Historical  ODTF  Post-ODTF  Future
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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

[Logos and text detailing partnerships]

January 2008
A UK model for donation

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

**Department of Health**
- Funding
- Resolution of ethical and legal issues
- Performance Management
- Training
- Public recognition

**Acute Hospital Trusts**
- Clinical leads
- Embedded co-ordinators
- Donation committees

More donors
A UK model for donation

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More donors
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

• How to use the new infrastructure
  • 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
“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”

Robyn Tainty
House of Lords July 2007
“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”

Robyn Tainty
House of Lords July 2007
Died September 2007
Transplants save lives

Thank You
www.organdonation.nhs.uk

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