

Organ Donation and Transplantation 2030: Meeting the Need

A ten-year vision for organ donation and transplantation in the United Kingdom





Living donor liver transplantation (LDLT) for both adults and children is now included in the UK wide strategy for organ donation and transplantation 2030: Meeting the need

The rationale for LDLT is to:

Ensure equity of access to all options for LT- including current and new technologies (e.g. normothermic regional perfusion (NRP); machine perfusion) and maximising utilisation of DCD organs

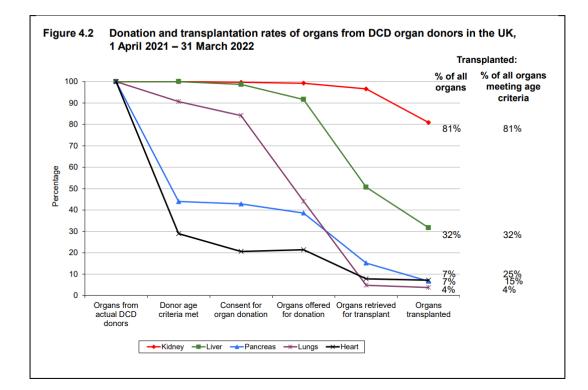
Opportunity for planned LT (especially related to new indications)

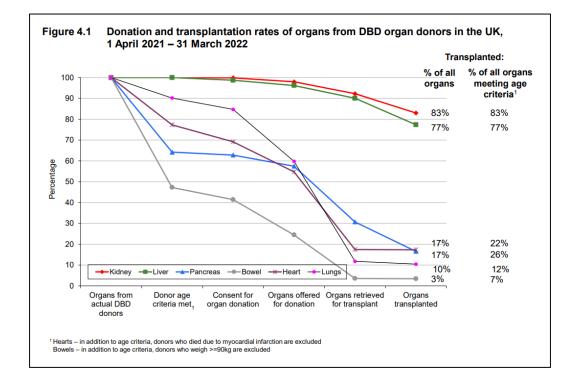
Improve timeliness of LT

Allowing all patients to consider LDLT as an option

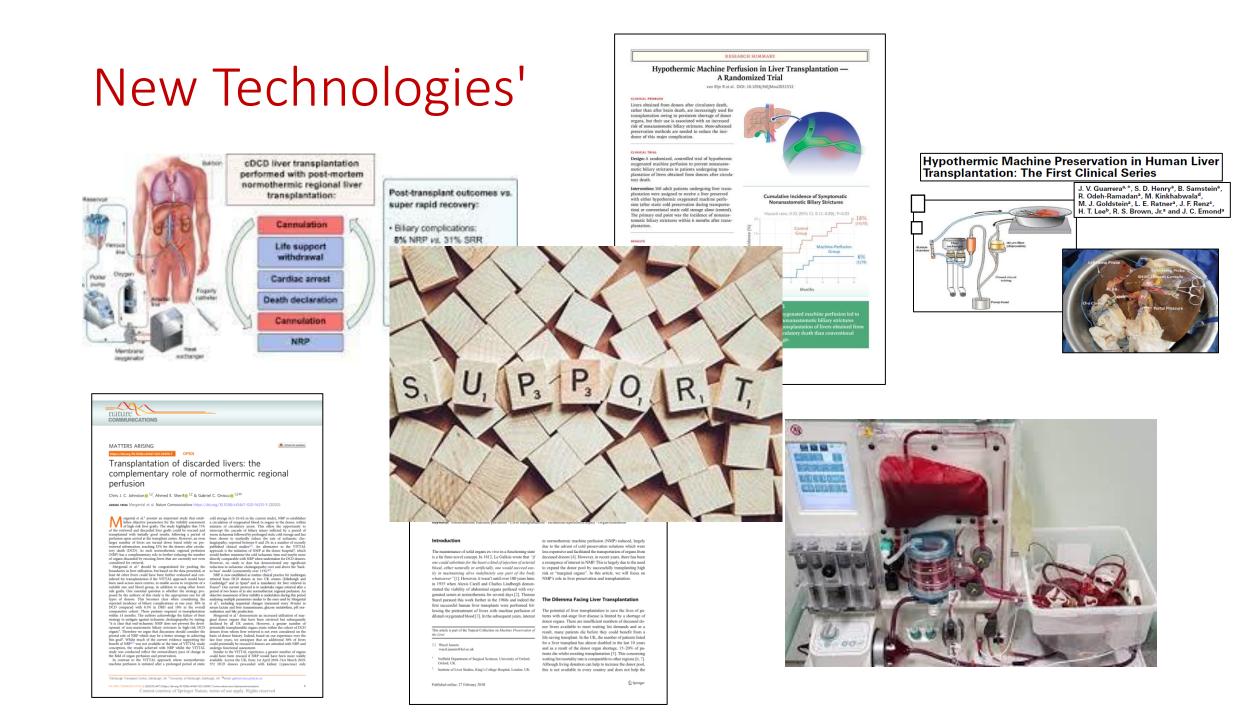
5 Outcomes

- 1. Commissioners and all UK health departments will work together to ensure that there is **appropriate funding** to support a fully integrated **UK-wide LDLT programme**
- 2. Commissioners, clinicians and NHSBT will ensure that **appropriate infrastructure, systems and processes** are in place to **embed the culture of LDLT widely** within transplant and referring centres and **maximise the benefit of LDLT for suitable recipients**
- 3. NHSBT, clinicians, commissioners and other authorities will ensure that LDLT outcomes are monitored and that information is accurately interpreted and utilised to support state of the art donor and recipient care
- 4. Clinicians and NHSBT will ensure that **all potential recipients and their donors are informed about the options for LDLT** to minimise waiting times and improve outcomes, **regardless of where they live in the UK**
- 5. NHSBT, clinicians, society and individuals will ensure that **awareness of LDLT is enhanced and 'fit for purpose' across all sectors of society** in **all four UK countries**



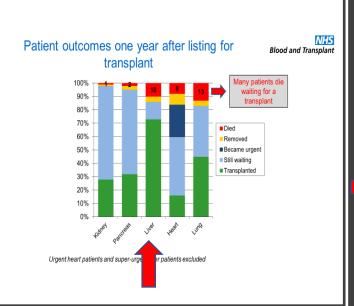






• In 21/22

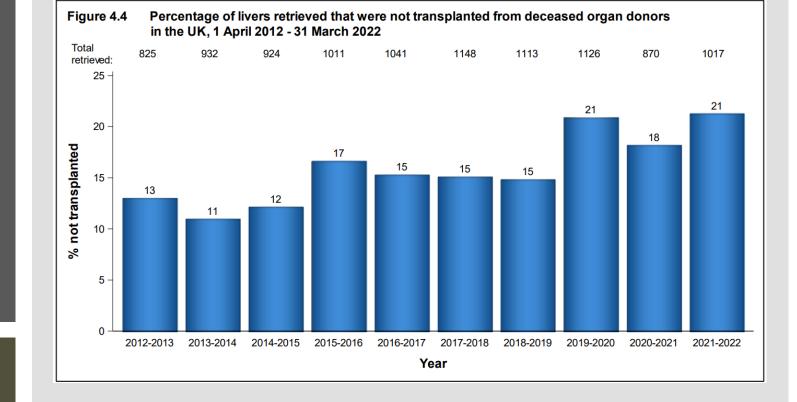
- 10,259 patients on the list
- 6269 patients on the active waiting list
- 429 patients died on the list
- 770 such patients died or were delisted for deterioration
- 1763 consented donors
- 1397 actual donors who donated 1 or more organs which were transplanted
- 3415 patients received a deceased donor transplant



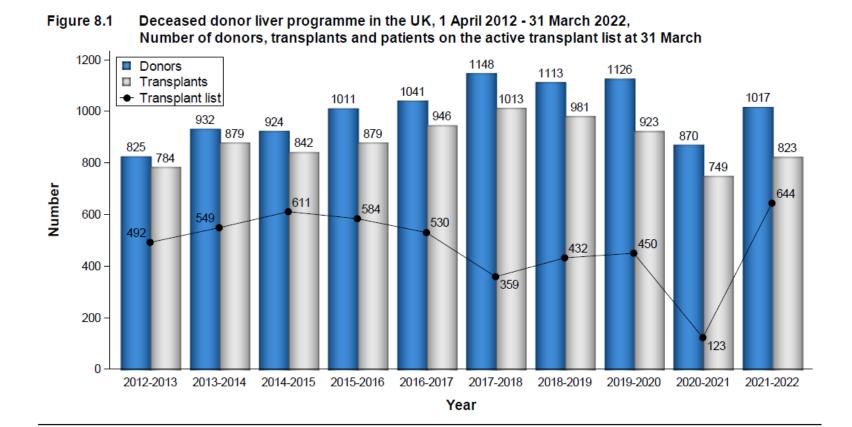
	2020-2021	2021-2022		
	Total	Total	Adult	Paediatri
Kidney & pancreas patients	363	287	286	1
Kidney	337	268	267	1
Kidney & pancreas	24	16	16	0
Kidney & pancreas islets	0	0	0	0
Pancreas	2	1	1	0
Pancreas islets	0	2	2	0
Cardiothoracic patients	79	67	61	6
Heart	28	22	17	6 5
Heart-lung	2	1	0	1
Lung(s)	49	44	44	0
Liver patients	70	67	65	2
Intestinal patients	3	2	2	0
Other multi-organ patients ¹	10	6	5	1
ALL PATIENTS	525	429	419	10

Unmet need: patients

Livers not utilized



Liver waiting list



Organ Utilisation Group

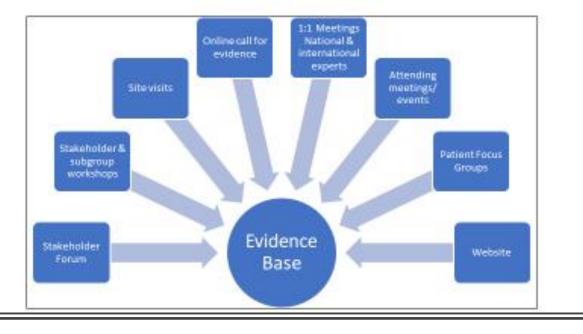
- Multi-disciplinary representation on the Organ Utilisation Group
- Comprehensive stakeholder engagement
- National and international evidence base review
- Subgroups to bring in additional expertise and insight (membership not limited to England)
- Stakeholder Forum to share information, seek views/ comments on direction of travel and drafts. Co-Chairs to represent patients and transplant community
- Website page to provide updates, summaries of meetings etc.







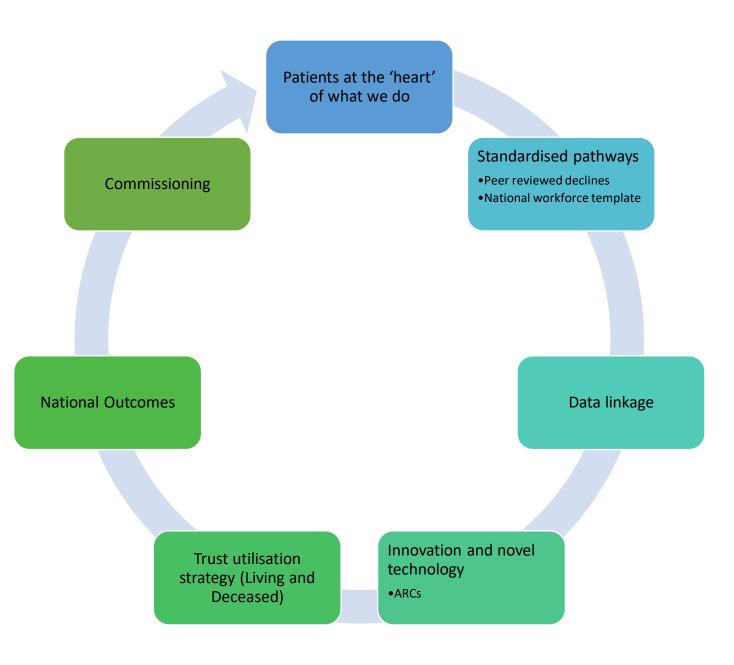




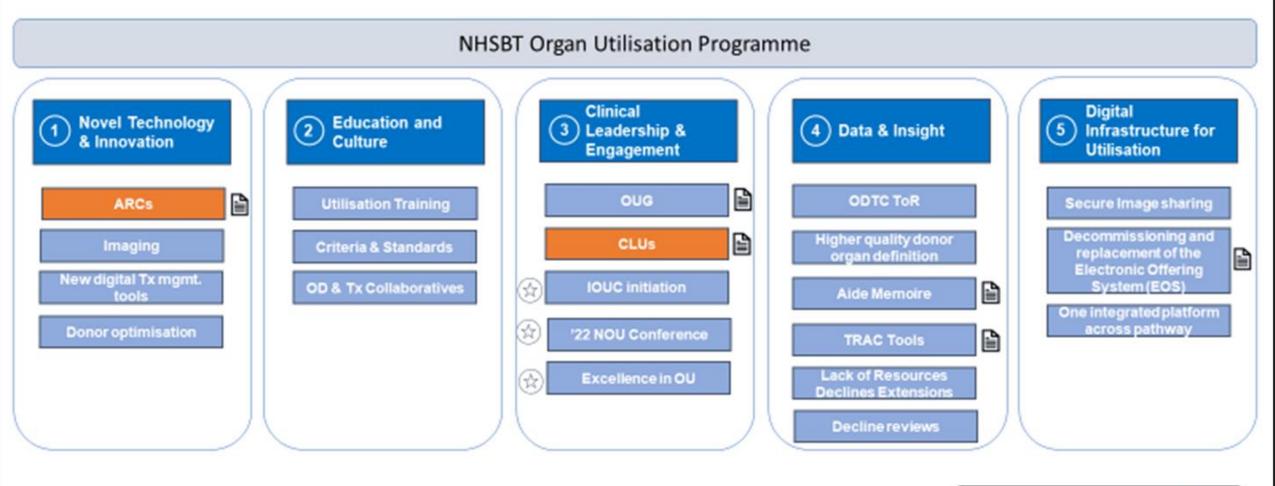
DUG Remit	OUG Subgroups			
	Standards	Commissioning		
	Workforce	Systems Architecture & Data Handling		

- Established by Secretary of State for Health and Social Care to make recommendations on how to:
 - Deliver improvements in the number of organs that are accepted and successfully transplanted for adult and paediatric patients
 - Optimise the use of the existing skilled workforce, investment and infrastructure
 - \circ $\,$ Provide equity of access and patient outcomes
 - \circ $\$ Reduce unwarranted variations in practice
 - Support innovation
- Remit in England only, but acknowledge patients cross UK borders and any recommendations for change may impact on other UK countries. Recommendations shared with UK Ministers
- Transplantation of organs from living and deceased donors
- Paediatric and adult services
- Task-and-finish group will be disbanded after recommendations are provided

What we may expect (OUG)

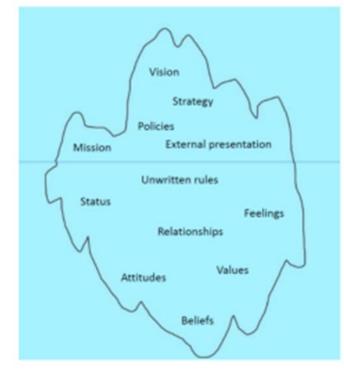


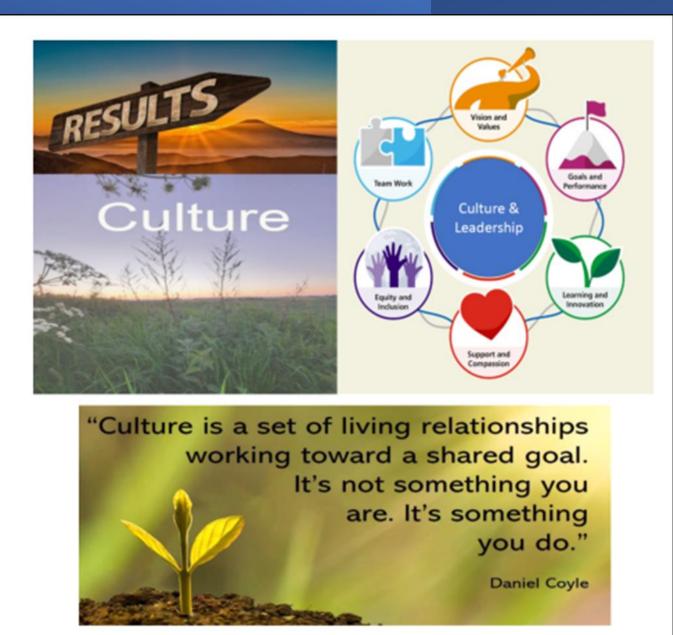
Organ Utilisation Programme Workstream Structure & Projects



ſ	Workstream	
	Projects (indicative)	
	New since 2021	(\mathbf{x})
Key	Business case development required	

Changing Culture





Operational Performance

Deceased Donor Transplants

- Q2 saw a downward trend in the number of transplants across all organ types except hearts.
- Organ utilisation remains above target at 2.50 transplants per donor YTD.
- The policy enabling donation from selected donors with positive COVID test results has supported more transplants to occur.
- New waiting list registrations continue to increase each month; the transplant waiting list now exceeds 10,500 patients. Around 40% of patients are currently suspended; we will be discussing with centres whether patients who have been suspended for a period of time should be removed.
- Q2 has seen in increase in heart and liver deaths and removals from the waiting list. The OTDT Clinical Team including Advisory Group Chairs are working to understand the reasons for this.
- Mutual aid continues to be promoted by the clinical team..

795 [1,934] Deceased donor transplants YTD

2.50 [2.35]

Transplants per deceased donor YTD

4 areas of change

Utilisation

- Culture
- Monitoring
- Trust responsibility

• Commissioning

- Model change
- Local vs National
- Joint ownership

Technology and Retrieval

- ARCs
- Shifting to 'night-time' model
- NRP
- Economy of scale

• Workforce

- Sustainability
- Renumeration
- Retention
- Being valued

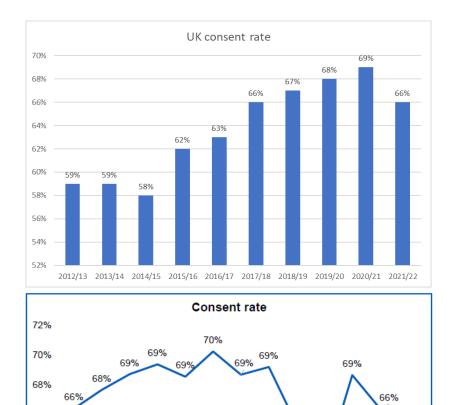
The consent challenge

Whilst initially consent rates were positive following the implementation of the opt-out system, consent rates at the end of last financial year are back to 2017/18 levels and YTD (2022/23) the consent rate is at 62% in the UK against a target of 72%

Factors impacting the number of deceased organ donors:

- Eligible pool: Down 15% verse pre-pandemic. Hypothesis that people are dying outside of the ICU/ED setting. Acord study in progress to provide insight
- Neurological death testing: Testing rates down and actions in place, but those potential donors who aren't tested will progress via DCD donor pathway
- **Consent rate:** Impacted by volume of expressed (verbal) opt-outs and unsupported deemed consent. Hypothesis that family NHS experience prior to donation being discussed could also be an impacting

Consent rate for an expressed decision remains at 90%, whilst consent rate for deemed consent is 59% YTD



 $2020/2^{-1}$

01

2022/23

2021/22

66%

64%

62%

60%

58%

Q1

2019/20

Adult living donor transplants

