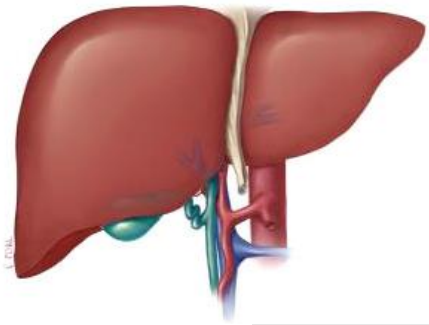




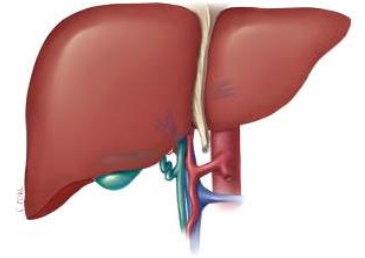
LDLT Project Update What's New?

Lisa Burnapp

Associate Medical Director

Living Donation and Transplantation, NHSBT

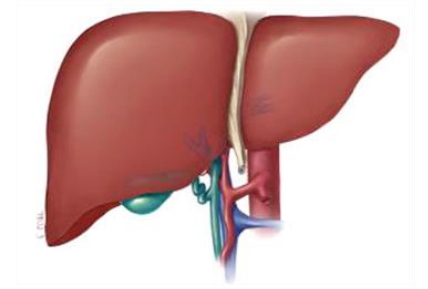
LDLT Project Aims – April 2022



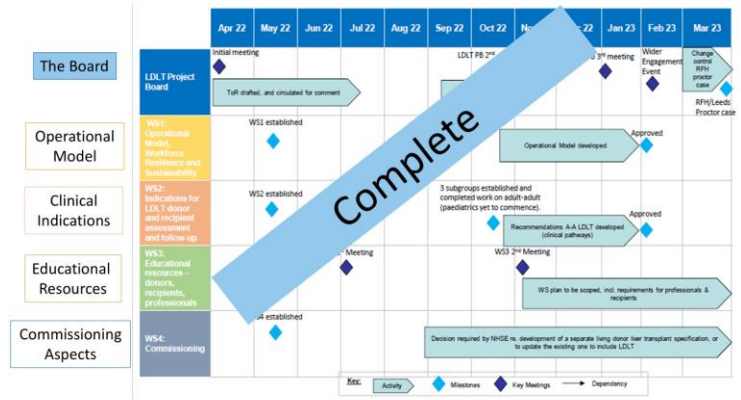
Increase opportunity and choice for patients waiting for a liver transplant by

- Expanding the adult-to-adult (A-A) LDLT programme UK-wide
- Supporting existing paediatric LDLT programmes
- Developing educational resources- living donors, recipients and healthcare professionals

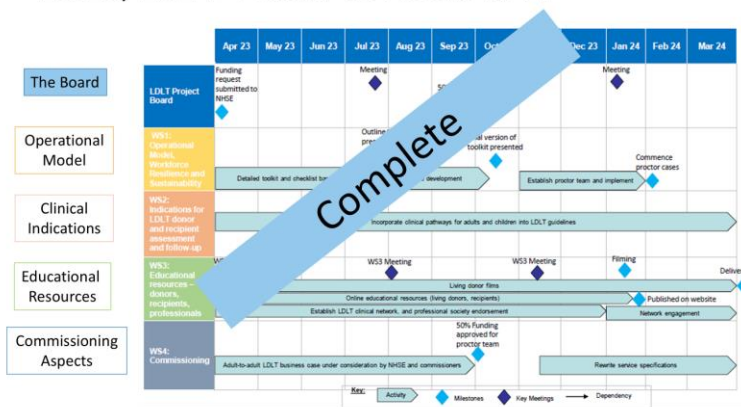
LDLT Project April 2022-2024



2022/2023- Adult-Adult LDLT



2023/2024- Adult-to Adult LDLT



Workstreams

1. Operational Model (A-A LDLT)
2. Clinical Indications
3. Educational Resources
4. Commissioning Aspects

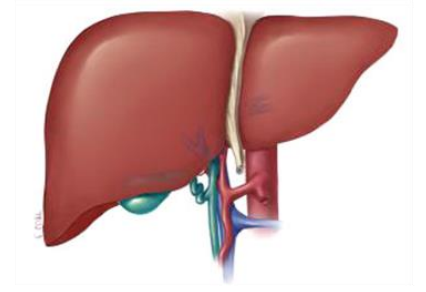
Stakeholder Engagement Event

February 2023

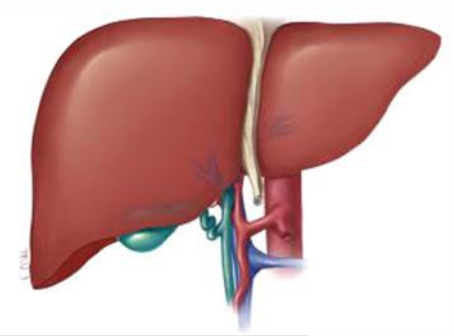


1. Clinical perspectives
2. Patient feedback
3. Commissioner input
4. Agreed minimal listing criteria the same for DDLT and LDLT
5. Endorsement of preferred operational model for A-A LDLT

Clinical Recommendations

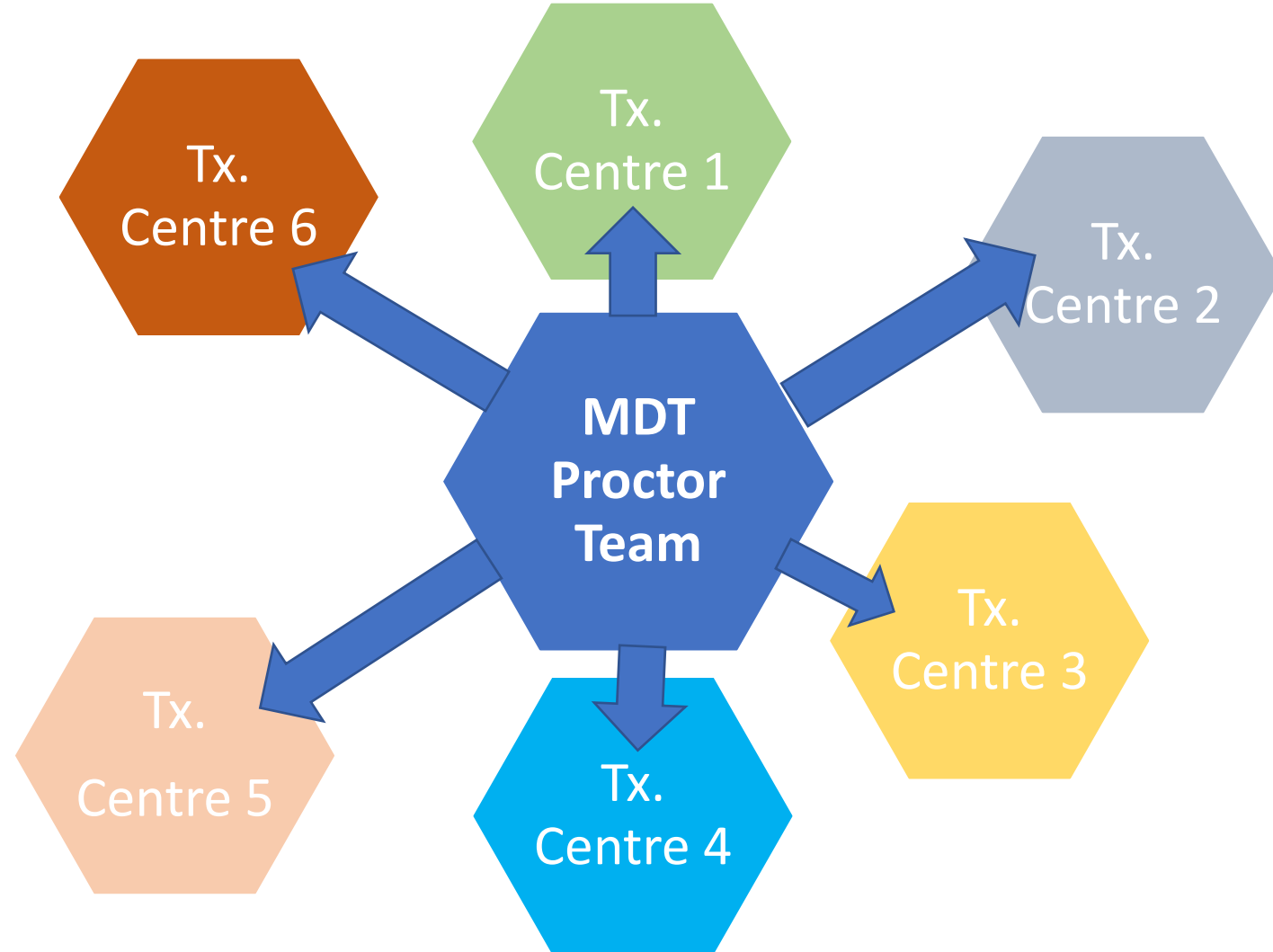
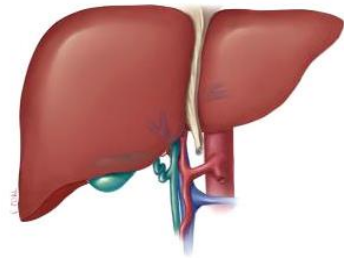


- **Donor selection**
 - **Increase donor age** for consideration- up to 60 years, case-by-case
 - **Right lobe for non-directed** altruistic donors
 - **Exclude extended criteria donors** (e.g.; size of graft GRWR<0.8, BMI > 30, anatomical complexity)
 - **Access to radiology is key** - volumetry has a learning curve
- **Recipient selection**
 - **Start with chronic liver disease (CLD)**
 - **Include new cancer indications** (but clear that they are service evaluations) and re-transplantation
 - **Exclude acute liver failure** and **acute on chronic liver failure (ACLF)** initially
- **Education**
 - **Patients and families informed** that **A-A LDLT is essential** to bridge the gap between supply and demand

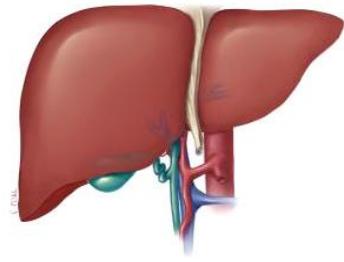


Operational Model for A-A LDLT

Proctoring Scheme



MDT Proctor Team



WHO?

- Senior donor surgeon
- Senior recipient surgeon
- Donor advocate physician
- Living donor coordinator
- Consultant radiologist
- Consultant anaesthetist
- Alternates for flexibility

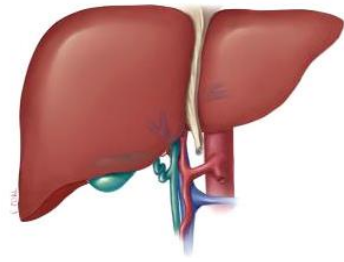
WHAT?

- **Oversight** for donor and recipient clinical pathways
- **Mentor** donor and recipient surgery
- **Share best practice/transfer knowledge** and expertise to create local Tx. Centre self-sufficiency
- Has **'go/no go'** responsibility

HOW?

- Work to standard protocols
- Work with centres who want to engage to identify and meet their needs
- Perform surgery in-centre with local surgeons

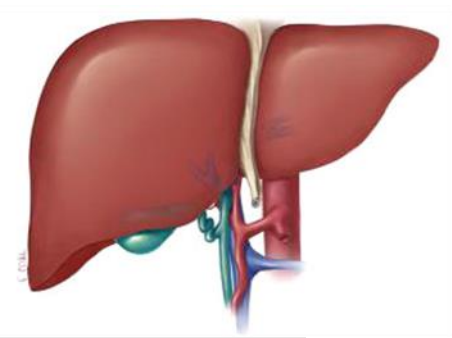
MDT Proctor Team



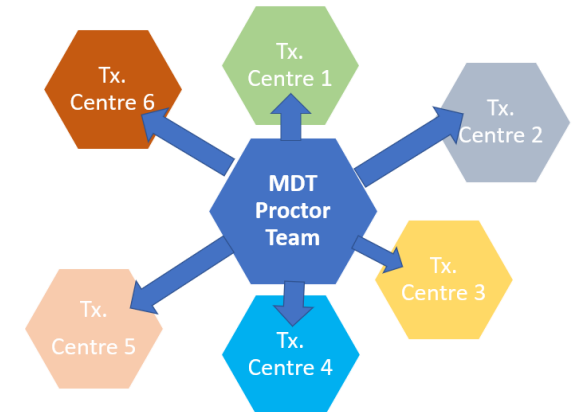
CONSIDERATIONS

- **Expected engagement** from all centres
- **Staffing and remuneration** for proctor team and back fill
- **Timeframes for delivery** in all centres that wish to engage and have the infrastructure
- **Clinical Governance** Monitoring outcomes and experience i.e.; donors, recipients, clinical teams, proctoring team)

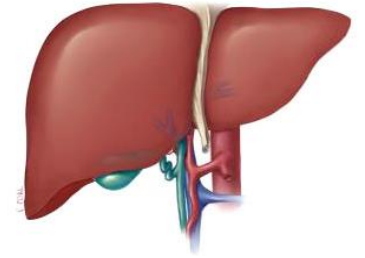
Scheme launched June 2024



What's happened since?

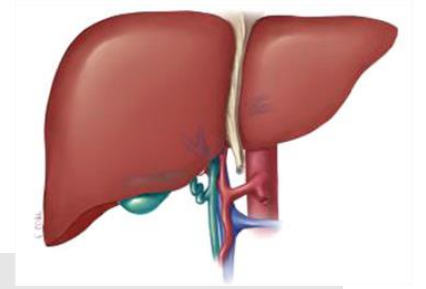


Proctor Team- June 2024 to Date



Name	Role and Affiliation
Peter Lodge (Retired December 2024)	Consultant Surgeon, Leeds
Vivek Upasani	Consultant Surgeon, Leeds
Dhakshina Vijayanand	Consultant Surgeon, Leeds
Parthi Srinivasan	Consultant Surgeon, King's
Ramu Chimakurthi	Consultant Hepatologist, Leeds
Jayne Dillon	Consultant Hepatologist, Leeds
Katie McGoohan	Advanced Nurse Practitioner, Leeds
Julie Jeffery	Advanced Clinical Practitioner, Leeds
Joshua Bell	Consultant Radiologist
Krishna Rao-Prasad	Consultant Anaesthetist

Progress to Plan



- **Wider Engagement**

- Liver Advisory Group (LAG) & Paediatric LAG, Centre Directors, recipient & living donor coordinators (monthly LDC Ops. calls), patient groups, UK commissioners

- **Funding for proctor team**

- Initially part-funding (NHS E, Scotland, NI); now sustainable funding through (SR24 bid)

- **Operations/monitoring**

- 6 weekly Proctor Team Core Group meetings – clinical, operational and financial

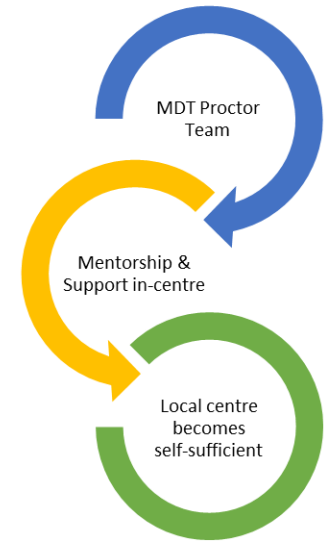
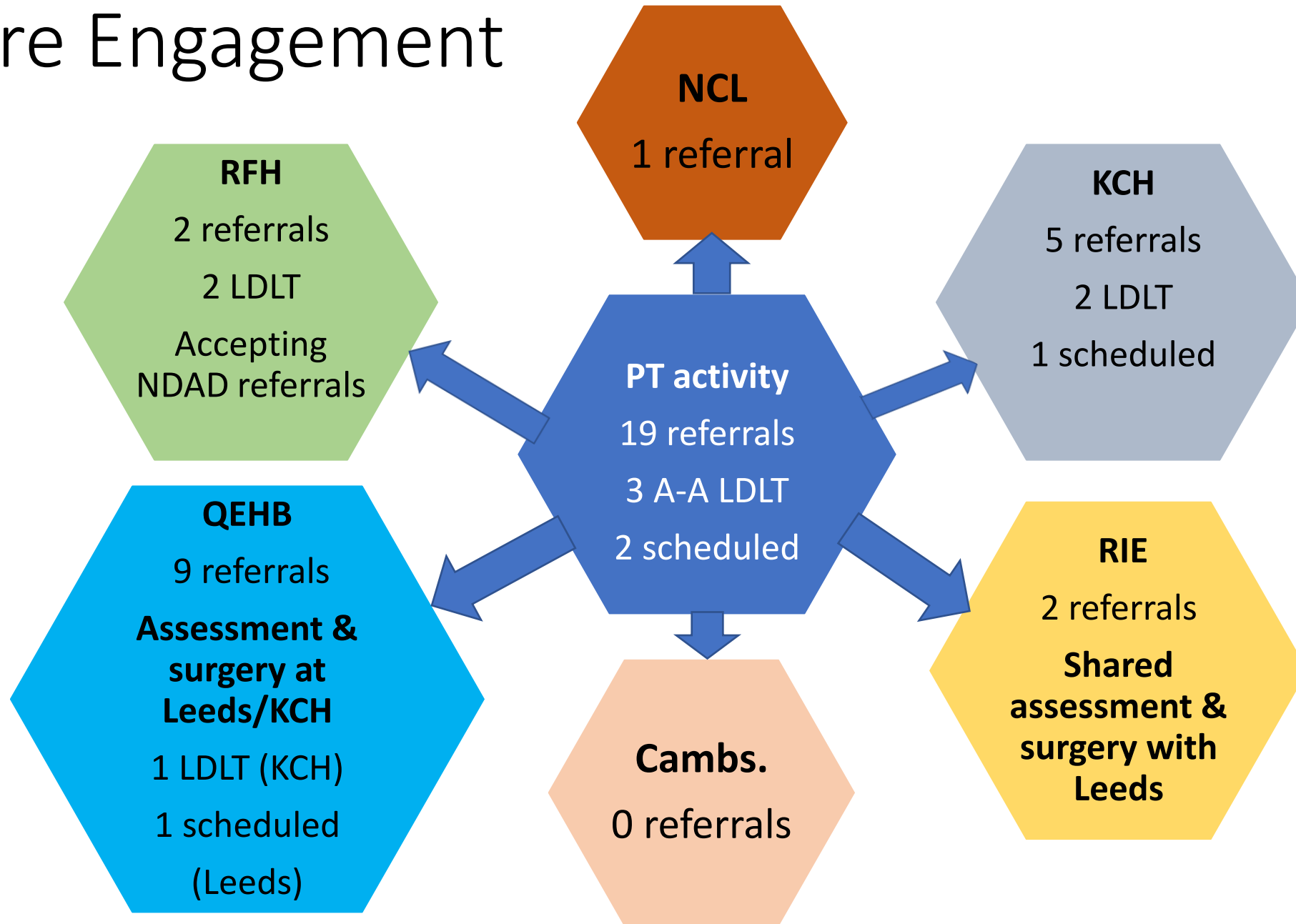
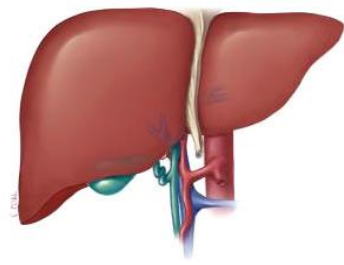
- **Governance & Oversight**

- LDLT Project Board (until March 2026)

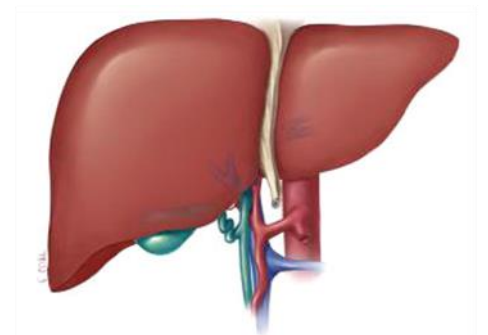
- **Published Resources**

- Donor, recipient, clinical guidance

Centre Engagement



Resources



[Home](#)
[Deceased donation](#)
[Living donation](#)
[Retrieval](#)
[Transplantation](#)

Home / Living donation

Living donation

Guidance and resources

Living donor kidney transplantation

UK Living Kidney Sharing Scheme

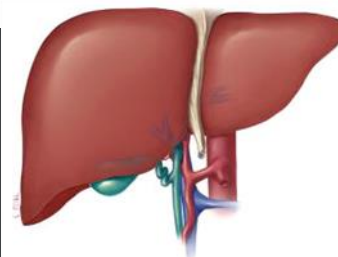
UK Living Kidney Donation Network

UK Living Donor Liver Transplantation Network

Living donor liver transplantation

Critical incident reporting

Tools and resources



Publication 2025

<https://bts.org.uk/guidelines-standards/>

UK Living Donor Liver Transplantation Network

The UK Living Donor Liver Transplantation (LDLT) Network was established to support the expansion of the UK programme and equity of access to living donor liver transplantation for both adults and children, across all four UK countries.

The Network aims to engage all members of the multi-disciplinary teams, in transplant and non-transplant (referring) centres, to promote best practice in living donor liver transplantation.

[You can access the Terms of Reference \(ToR\) here \(PDF 242KB\)](#)

Network meetings

May 2024

Papers

- [UK LDLT network meeting programme 21 May 2024 \(PDF 365KB\)](#)

Living Donor Liver Transplantation (LDLT) Proctor Team

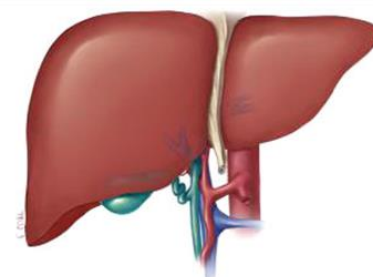
This multi-disciplinary Proctor Team has been established under the auspices of the LDLT Project to facilitate the expansion of adult-to-adult living donor liver transplantation across the UK. This is a time-limited initiative, endorsed by the clinical community and patient representatives. It is funded by commissioners, to improve access to LDLT for suitable recipients and their living donors.

The Proctor Team will work with any existing liver transplant centre that wishes to expand their adult-to-adult LDLT programme, providing individualised support for the local team to become self-sufficient in all aspects of the LDLT pathway, including donor and recipient selection, preparation, surgery and follow-up.

The following resources have been developed to support the Proctor Team and local transplant teams to deliver this initiative. Latest versions and additional documents will be added to this concertina as they become available.

- [LDLT Proctor Team - Terms of Reference \(ToR\) \(PDF 120KB\)](#)
- [LDLT Proctor Team Responsibilities \(PDF 409KB\)](#)

Referral Pathways



Living
Proct
Quick

Living Donor Liver Transplantation (LDLT) Proctor Team Operational Model Non-Directed Altruistic Donor Referrals

Updated April 2025

Referrals from non LDLT transplanting
Teams

Updated April 2025

<https://www.odt.nhs.uk/living-donation/living-donor-liver-transplantation/>
Caring Expert Quality

NHS
Blood and Transplant

NHS
Blood and Transplant

NHS
Blood and Transplant

NHS
Blood and Transplant

NHS
Blood and Transplant

Caring Expert Quality

Steps 1-3



- Option of living donor liver transplantation (LDLT) offered to all recipients during Tx. assessment and registration on transplant list (regardless of where they live/which transplanting or non-transplanting centre they attend)
- Access donor and recipient information about LDLT to inform discussions with recipients and potential donors here <https://www.organdonation.nhs.uk/become-a-living-donor/donating-part-of-your-liver/>

Steps 4-6



- LDLT Proctor team will contact referrer to agree next steps according to standardised pathway (INF 1729) and case-by-case considerations (see LDLT Proctor Team Quick Guide)
- If the case can progress, referral to a LDLT surgical centre will be made in agreement with all centres involved and the Proctor Team (according to clinical consideration in each case +/- donor-recipient preferences)

What else?



- Activity by centre for those engaging with the Proctor Team model will be collated by NHSBT and reported to the Proctor Team Core Group (6 weekly) and LDLT Project Board (quarterly).

Useful Resources

For Whom	Where to find them
Clinical Teams 1. LDLT Project; Proctor Resources; Policies; 2. LDLT Network 3. UK Guidelines for LDLT (BASL/BTS)	1. https://www.odt.nhs.uk/living-donation/living-donor-liver-transplantation/ 2. https://www.odt.nhs.uk/living-donation/uk-living-donor-liver-transplantation-network/ 3. https://bts.org.uk/guidelines-standards/
Recipients and Living Donors 1. Recipient information 2. Donor information 3. Patient organisations	1. https://www.nhsbt.nhs.uk/organ-transplantation/ 2. https://www.organdonation.nhs.uk/become-a-living-donor/donating-part-of-your-liver/ 3. UK Liver Alliance https://britishlivertrust.org.uk/uk-liver-alliance/ British Liver Trust https://britishlivertrust.org.uk/ Liver North https://www.livernorth.org.uk/
Contacts Derek Manas, OTDT Medical Director Lisa Burnapp, Associate Medical Director- Living Donation and Transplantation	Via MDOOfficePAs@nhsbt.nhs.uk NB: All clinical and patient identifiable information to be sent to joint Proctor Team inbox: nhsbt.ldltproctorteam@nhs.net

[Home](#)[Register your decision](#)[Helping you to decide](#)[Talk to your loved ones](#)[UK laws](#)[Become a living donor](#)[Get involved](#)[Home](#) / [Become a living donor](#) / [Donating part of your liver](#)

Donating part of your liver

[Donating your kidney](#)[Donating part of your liver](#)[Bone and amniotic membrane donation](#)[Cael gwybodaeth yn y Gymraeg](#)

Living donor liver transplantation has been successfully performed in the UK since 1995.

A liver transplant operation is life saving surgery for patients with end stage liver disease. It is also performed for some patients with primary liver cancer and children with metabolic diseases (affecting the chemical processes within the body).

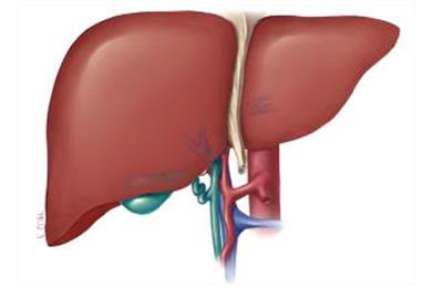


How living organ donors change lives

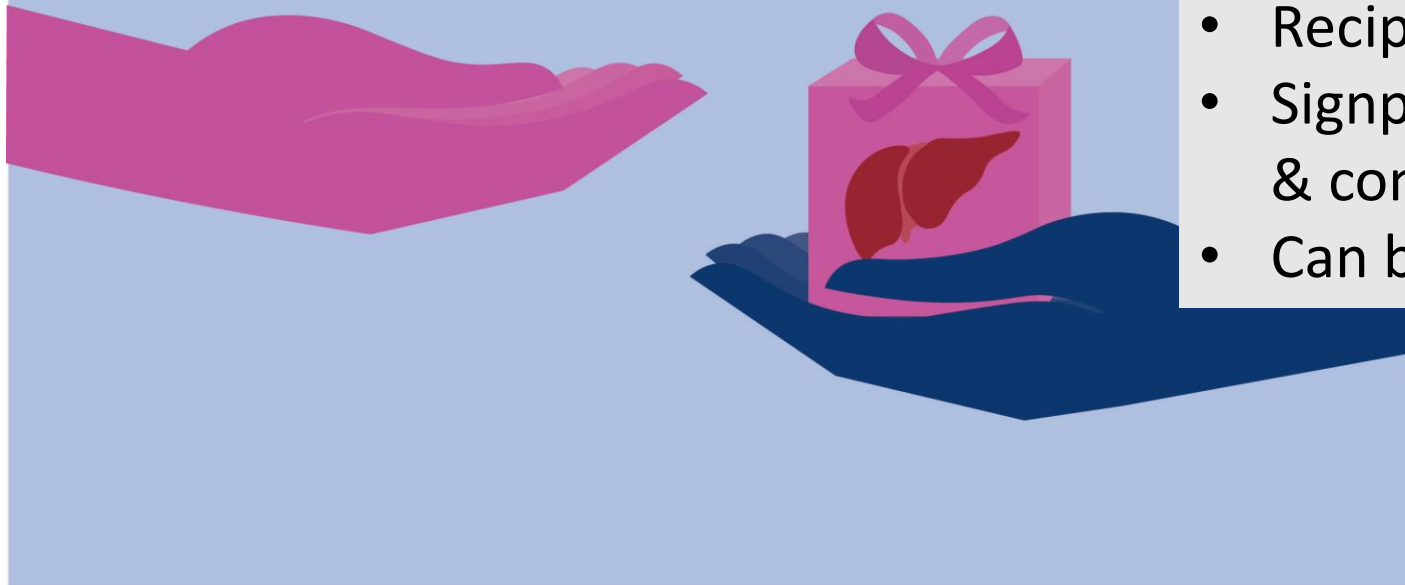
Read about people like Anaya, whose young life was saved when a stranger came forward as a living donor.

[» See how you could help](#)[What is living liver donation?](#)[Donating a liver lobe to a child](#)

Living Donor Postcard



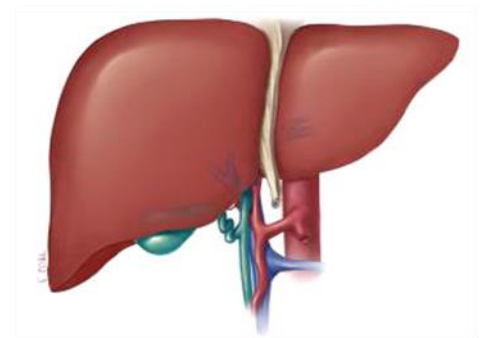
I have something to ask



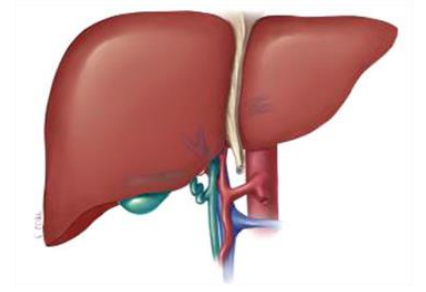
Introduces

- The concept of living donation
- Recipient need for a transplant
- Signposts to relevant website information & contact details
- Can be tailored/centre-specific

Work in Progress

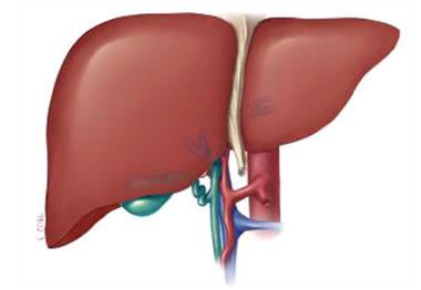


Work in Progress



- **Publish revised UK guidelines**
 - BTS/BASL consultation and publication (September-December 2025)
- **Pilot Donor Reported Outcome and Experience Measures (DROM/DREM)**
 - Commence October 2024
- **Establish LDLT Donor Registry**
 - Clinical dataset sign-off; implement data collection (by March 2026)
- **Proctor Team On-going Governance & Oversight**
 - LDLT Project Board (until March 2026); OTDT AMD & Medical Director

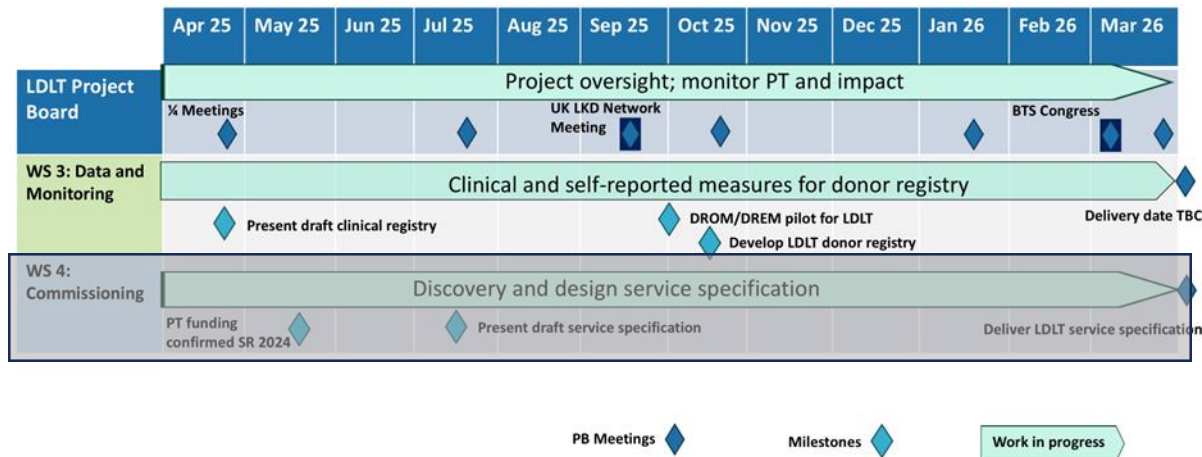
LDLT Project April 2024-2026



2024/25- Adult-Adult LDLT



2025/26- Adult-Adult LDLT



Workstreams

1. Operational Model - BAU
2. Paediatric LDLT- BAU
3. Data and Monitoring
4. Commissioning

Project Close: March 2026

Acknowledgements

- Project Board and workstream leads
- Working group members
- Proctor Team
- Liver Advisory Group
- Professional societies
- Patient organisations
 - LIVErNORTH; British Liver Trust; UK Liver Patient Alliance
- NHSBT Clinical, Commissioning and Hub Ops.
- UK Commissioners

