

Conference

International Transplant Congress Hosted by ESOT | 29 June – 2 July 2025 | London

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The International Transplant Congress, hosted by the European Society for Organ Transplantation (ESOT), took place in London from 29 June to 2 July 2025. Centered around the theme 'Nurturing a Sustainable Transplantation Journey,' the congress emphasized on innovation, equity, long-term graft survival, and environmentally responsible practices in transplantation.

Highlights from ESOT 2025:

The congress brought together experts from across the globe and showcased cutting-edge advancements in transplantation science, clinical practice, and policy.

- **Personalised Transplant Medicine** - Advances in genomics, biomarkers, and AI-driven predictive tools aimed at tailoring immunosuppression and improving graft longevity.
- **Sustainable Transplantation** - Conversations around reducing the environmental footprint of transplantation, with practical solutions addressing hospital operations and organ transport logistics.
- **Equity and Access** - Addressing disparities in access to transplant, especially for migrants, ethnic minorities, and low-income populations in both high-and low-resource settings.
- **Xenotransplantation and Regenerative Medicine** - Updates on breakthroughs in organ bioengineering, including 3D-printed tissues and xenograft models that may address future organ shortages.

Jaya Jairam, Project Director - MOHAN Foundation delivered an oral presentation on "Technology in Organ Donation and Transplantation - From Enabler to Predictor". She presented a novel

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AI-powered innovation developed in India that enables precise kidney donor-recipient matching and predicts long-term organ survival. This tool is designed to support clinical decision-making and improve transplant outcomes, particularly in resource-constrained settings.



She also contributed several posters that showcased MOHAN Foundation's diverse and inclusive approach to strengthening the transplant ecosystem:

- Printed poster - 'Successful deployment of Drone-based transport systems for delivering organs'
- E-Posters -
 - Enabling transplants for the non-affording using crowdfunding
 - Impact of organ donation ambassador training
 - Empowering transplant professionals through an innovative E-Learning training programme
 - Equity through public-private partnership in underserved Northeastern India

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