Deceased donor transplant program in PGIMER

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Transplantation is the best therapy for any organ failure
Transplantation is just an option – the better one
• ESRD incidence rates 232 per million population

• ... it would mean that about

  – 220,000–275,000
  – new patients need RRT every year in this part of the world.

  – 55,000 patients on dialysis in India
  – growing at the rate of 10–20% annually.

• Transplantation needs organs
  – Nuclear family – fewer donors
• But there might be another option – 230,000 accident related deaths in 2013
The PGIMER transplantation story
• First successful transplant in the world – 1954
• India Timeline
  • 1971 – first live related Tx in CMC Vellore – Mohan Rao and KV Johnny
  • 1971 – AIIMS: IK Dhawan and KK Malhotra
  • 16\textsuperscript{th} June 1973 – PGIMER: RVS Yadav and KS Chugh
Deceased donor transplants

  - Two brought by Samuel Kountz and TKS Rao from the USA
- 3rd July, 1996 – first PGI cadaveric transplant after THOA – M Minz
• PGIMER
  – 1994 – Transplantation of human organs act

  – Deceased donor renal transplant in 1996
    – 54 donors: 106 recipients

  – Deceased donor liver transplant in April 2011
    – 12 recipients

  – Heart transplant in Aug 2013

  – Pancreas in 2014 December
• Mean donor age: 37.2 ± 15.5
• Min donor age: 6 yrs
• Max donor age: 72 yrs
• 34 Male
• 15 female

• Data analysis for 49 donors
• Mean recipient age: 38.1 ± 11.6
• Min recipient age: 13
• Max recipient age: 68
• 35 female
• 58 male
• Longest period on dialysis: 7 years
  • Data analysis for 93 recipients
• Max duration of follow up: 72 months
• Mean S.Creat: 1.59
• Max S.Creat: 4.6
• Min S.Creat: 0.9
  • Data analysis for 93 recipients
Challenges ahead
RECYCLE YOURSELF
BECOME AN ORGAN DONOR