Kidney Transplantation activity 2011 by centre

- Helsinki
- Stockholm
- Uppsala
- Göteborg
- Skåne
- Oslo
- København
- Odense
- Aarhus
- Reykjavik

Living donor: Light green
Deceased donor: Red
Pancreas Transplantation
1988 – 2011

Number


PMP

0,0 0,5 1,0 1,5 2,0 2,5 3,0
Purpose of Scandiatransplant

- Effect the exchange of organs and tissue
- Operate a database and communicate information
- Promote the provision of human organs and tissue for transplantation
- Support scientific activities
436 Utilized deceased donors (16.98 PMP)

- organ transplants performed
  - 1160 kidneys (381 were living related)
  - 352 livers (4 were living related – 3 were domino)
  - 127 hearts (0 were domino)
  - 141 lungs including heart/lung

- 2093 patients on waiting list at end 2011
Patients entered on waiting list during 2011 (2010 figures)

- Kidney: 1407 (1319)
- Liver: 360 (385)
- Heart: 155 (165)
- Lung: 143 (165)
- Pancreas: 15 (4)
- Kidney+Pancreas: 63 (40)
- Liver+kidney: 6 (9)
- TOTAL: 2149 (2087)
Flow on the waiting list during a year

- Entered during the year
- Transplanted during the year
- On waiting list at end of year
Organ exchange 2011

KIDNEY
LIVER
HEART
LUNG
Utilized Deceased donors
1993-2011
Utilized Deceased donors 1993-2011 PMP
Kidney Transplantation 2011

Living donor
Deceased donor

<table>
<thead>
<tr>
<th>Country</th>
<th>Living Donor</th>
<th>Deceased Donor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finland</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>Sverige</td>
<td>300</td>
<td>150</td>
</tr>
<tr>
<td>Norge</td>
<td>200</td>
<td>100</td>
</tr>
<tr>
<td>Danmark</td>
<td>150</td>
<td>50</td>
</tr>
<tr>
<td>Island</td>
<td>10</td>
<td>5</td>
</tr>
</tbody>
</table>
Kidney Transplantation
PM P 2011

Living donor
Deceased donor

Finland Sverige Norge Danmark Island

Living donor
Deceased donor
Average time on kidney waiting list at end of year
Months on Kidney Waiting List by Immunisation status at end year

- Highly immunized
- Immunized
- Previously immunized
- Non immunized

Liver transplants
1994 - 2011
Lung transplants
1994 - 2011
Deceased donor kidney transplants
1994 - 2011
Living donor kidney transplants
1994 - 2011
367 new patients on liver waiting list 2011

- Transplanted: 71%
- On WL: 21%
- Dead on WL: 2%
- Withdrawn: 8%
155 new patients on heart waiting list 2011

- Transplanted: 54%
- On WL: 35%
- Withdrawn: 6%
- Dead on WL: 5%
143 new patients on lung waiting list 2011

- On WL: 41%
- Withdrawn: 1%
- Dead on WL: 7%
- Transplanted: 51%
1393 new patients on kidney waiting list 2011

- On WL: 57%
- Transplanted: 38%
- Dead on WL: 2%
- Withdrawn: 3%
Heart transplantation 2011

Danmark | Finland | Norge | Sverige
---|---|---|---
30 | 10 | 30 | 50
Kidney waiting list
1995 - 2011
Thoracic organ transplants
2011

- Denmark
- Finland
- Norway
- Sweden

Heart
Lung
Heart-Lung

- Heart
- Lung
- Heart-Lung
Lung transplantation including heart-lung
EXCHANGE CRITERIA
Kidney transplantation

- Compulsory exchange of at least one HLA-A,-B,-DR compatible kidney:
  - 1. Highly immunized (PRA ≥ 80%) patients who are HLA-A,-B,-DR compatible with donor.
  - 2. Immunized patients (PRA ≥ 10% but below 80%) who are HLA,A,B,DR compatible with donor.
  - 3. Scandiatransplant acceptable mismatch program.
  - 4. If organ donor is <40 years of age, at least one kidney is offered to recipient <16 years of age (counted from time of registration), if there is HLA-DR compatibility and in addition not more than 2 HLA-A,B mismatches.
  - 5. Patients who are HLA-A,-B,-DR compatible with donor unless the proposed recipient is >30 years older than the donor.
  - blood group 0 kidneys to blood group 0 recipients.
  - blood group B kidneys to blood group B recipients.
  - Return of another kidney within 6 months.
EXCHANGE CRITERIA
Liver transplantation

- Compulsory exchange to highly urgent patients on waiting list:
  - acute liver failure
  - acute liver re-transplantation
  - highly urgent patients on waiting list must be transplanted within 72 hours
  - Return (pay back) liver to Donor center

- Rota system
EXCHANGE CRITERIA
Heart transplantation

- Compulsory exchange to highly urgent patients on waiting list:
  - Patient on short-term assist devices (ECMO, centrifugal pump).
  - Patient on paracorporeal or implantable blood pump with device failure or uncontrollable device infection.
  - Patients below 16 years on inotropic support or more than 12 months support on implantable LVAS.

- Rota system
EXCHANGE CRITERIA

Lung transplantation

● Compulsory exchange to highly urgent patients on waiting list (max. three patients per center per year)
  – Priority 0: Patient on extra-corporeal circulatory support (ECMO, Novalung or other device) or ventilatory support*.
  – Priority 1: Patient with a rapid progression of organ failure with poor prognosis in a short time defined by the responsible centre*.

● Rota system
Figures for 2011

Organ procurement and transplantation activities in Scandiatransplant

Founded 1969 by the Nordic Council of Ministers