EU meeting Directive 52/2010 March 11-12 2014
On Organ Donation and Transplantation
Action plan

• 1. Donation
• 2. Waiting lists
• 3. Allocation
• 4. Transplantation
• 5. Health outcomes
• 6. Health resources
Kidney transplants

- variations 2007-2012 (CoE)

- absolute numbers 2012 (from DD & LD)

- per million population, 2009 versus 2012 (DD + LD)

- from living donors, per million population 2009 vs 2012

- Concluding slide: kidney tx per million population for the EU over 4 years (2009 / 2010 / 2011 / 2012)
Kidney transplants per million inhabitants - 2009 vs 2012
From deceased + living donors donors:

Comments:
- Increases from 2009 to 2012 in HR, NL, BE, CZ, EE, ES, UK (remark: it is certainly more difficult to increase when rates pmp are already high)
- Decreases in PT, CY, MT, NO
(in both cases, in term of variations, countries with relatively "small" numbers of transplants are subjects to potential higher variations)

Draft – only for participants of Competent Authorities meetings
Kidney transplants pmp – over 4 years - N=27 EU MS
(HR joined the UE in July 2013, therefore not yet represented, also for the ease of comparison with previous years)

Comments:
- Continuous increase in living donation
- Small increase (or even relative stagnation?) in deceased donation
  → Global increase thanks to living donation

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nr. Kidney transplants from deceased donors</td>
<td>14,532</td>
<td>14,630</td>
<td>14,850</td>
<td>14,893</td>
<td>2%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Nr. Kidney transplants from living donors</td>
<td>3,354</td>
<td>3,615</td>
<td>3,857</td>
<td>3,961</td>
<td>15%</td>
<td>18.1%</td>
</tr>
<tr>
<td>Nr. Kidney transplants total</td>
<td>17,886</td>
<td>18,245</td>
<td>18,707</td>
<td>18,854</td>
<td>5%</td>
<td>5.4%</td>
</tr>
</tbody>
</table>
Liver transplants

- variations 2007-2012 (CoE)

- absolute numbers 2012 (from DD & LD)

- per million population, 2009 versus 2012 (DD + LD)

- from living donors, per million population 2009 vs 2012

- Concluding slide: liver tx per million population for the EU over 4 years (2009 / 2010 / 2011 / 2012)
Liver transplants per million inhabitants – **2012 vs 2009**
(total: from deceased + living donors and domino)

Comments:
- In 2007: nine countries above 15 pmp: AT, BE, FR, IT, MT, PT, ES, SE, NO
- In 2012: seven countries above 15 pmp: BE, HR, FR, IT, ES, SE, NO
  \[\Rightarrow\] + HR – AT, MT, PT

Also important increases in BE, EE, SI
Liver transplants pmp – over 4 years - N=27 EU MS (HR joined the UE in July 2013, therefore not yet represented, also for the ease of comparison with previous years)

Comments:

- A decrease in the total nr of liver tx from 2011 to 2012 (-200) but relative stability 2009-2012

- Stability in the liver tx from living donors over the three last years

- Decrease in the nr of domino liver tx

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nr. Livers transplants from deceased donors</td>
<td>6,391</td>
<td>6,344</td>
<td>6,763</td>
<td>6,596</td>
<td>5,8%</td>
<td>3,20%</td>
</tr>
<tr>
<td>Nr. Liver transplants from living donors</td>
<td>208</td>
<td>241</td>
<td>243</td>
<td>244</td>
<td>16,8%</td>
<td>17,30%</td>
</tr>
<tr>
<td>Nr. Domino liver transplants</td>
<td>90</td>
<td>71</td>
<td>74</td>
<td>40</td>
<td>-17,8%</td>
<td>-55,60%</td>
</tr>
<tr>
<td>Nr. Liver transplants total</td>
<td>6,689</td>
<td>6,656</td>
<td>7,080</td>
<td>6,880</td>
<td>5,8%</td>
<td>2,90%</td>
</tr>
</tbody>
</table>
Other transplants

-Variations 2007-2012 for heart and lung
   (2 slides: 1 heart, 1 lung)

-Global picture heart + lung + pancreas + small bowel
  pmp (2012) (1 slide)

-Paediatric transplants
   (2 slides: all organs 2012, total 2009 vs 2012)

-Cross-border agreements (1 slide)
EU Registers in Transplantation

Great concern for Nordic countries?

2014 Presentation on EU Countries. N = 31

Post-transplant follow-up Registers

- Kidney: 17 Yes / 13 No
- Liver: 15 Yes / 16 No
- Heart: 13 Yes / 20 No

Krister Höckerstedt