Organs and Functions

Heart
- Pumps blood

Liver
- Clearing the blood of drugs and other poisonous substances
- Regulating blood clotting

Kidney
- Blood pressure control
- Salt and water balance

Lungs
- Respiration
- Filter out small blood clots formed in veins

Pancreas
- Secrets insulin and glucagon
What is Organ Donation?

Organ donation is the process of removing tissues or organs from a live or dead (donor) person to be used in another (recipient).

Organ Donation Is Legal?

Yes

Transplantation of Human Organs Act, 1994

Objectives

- To regulate removal, storage and transplantation of human organs for therapeutic purposes
- To prevent commercial dealings in organs
Who Can Donate?

Live Donor
- Related
- Unrelated

Deceased Donor
- Cardiac Death
- Brain Death
<table>
<thead>
<tr>
<th>Tissue / Organ Donation by a Living Person</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blood</strong></td>
</tr>
<tr>
<td>![Blood Image]</td>
</tr>
<tr>
<td><strong>Kidney</strong></td>
</tr>
<tr>
<td>![Kidney Image]</td>
</tr>
<tr>
<td><strong>Liver</strong></td>
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<tr>
<td>![Liver Image]</td>
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<tr>
<td><strong>Lungs</strong></td>
</tr>
<tr>
<td>![Lungs Image]</td>
</tr>
<tr>
<td><strong>Pancreas</strong></td>
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<td>![Pancreas Image]</td>
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</tbody>
</table>

**Part of -**
Tissues Donation after Cardiac Death

- Bone
- Corneas
- Skin
- Heart Valves
Brain Death

The term brain stem death means the stage at which all functions of the brain stem have permanently and irreversibly ceased.

Examples of a normal brain, brain death, and a vegetative state:
Common Causes of Brain Death

- Trauma
- Intracerebral haemorrhage
- Tumour
- Ischaemia

Incorrect:
- Drinking and driving

Correct:
- Cycling safely
Organ & Tissue Donation after Brain Death
<table>
<thead>
<tr>
<th>Organ</th>
<th>Age Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart</td>
<td>2 months – 45 years</td>
</tr>
<tr>
<td>Liver</td>
<td>2 months – 50 years</td>
</tr>
<tr>
<td>Lungs</td>
<td>2 months – 50 years</td>
</tr>
<tr>
<td>Heart Valves</td>
<td>6 months – 45 years</td>
</tr>
<tr>
<td>Kidneys</td>
<td>6 months – 75 years</td>
</tr>
<tr>
<td>Corneas</td>
<td>6 months – 100 years</td>
</tr>
<tr>
<td>Pancreas</td>
<td>9 years – 50 years</td>
</tr>
<tr>
<td>Skin</td>
<td>16 years – 85 years</td>
</tr>
<tr>
<td>Bone</td>
<td>18 years – 75 years</td>
</tr>
</tbody>
</table>
Time Factor

- Lungs: 6 hours
- Heart: 6 hours
- Liver: 12 hours
- Pancreas: 24 hours
- Kidney: 48 hours
If U want to Gift a Life Pledge with a

http://www.mohanfoundation.org/download_donorcard.asp
Tribute to Organ Donors

Donate Organs...  Multi Organ Harvesting Aid Network (MOHAN)  www.mohanfoundation.org

Save Lives...
For all your queries - Please Take a Minute

1800 4193737
Life... Pass it on

Chennai Hyderabad Delhi NCR Bengaluru Nagpur Chandigarh Coimbatore Vijaywada

Multi Organ Harvesting Aid Network
TO KNOW MORE ABOUT ORGAN DONATION
CALL TOLL FREE HELPLINE
1800 419 3737

Donate Organs... Save Lives...

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