

**ORGAN DONATION****Dr. Tanvi Singh\***

Associate Professor, Department of Kayachikitsa, Smt.Urmila Devi Ayurvedic College and Hospital, Hoshiarpur, Punjab.

**\*Corresponding Author: Dr. Tanvi Singh**

Associate Professor, Department of Kayachikitsa, Smt.Urmila Devi Ayurvedic College and Hospital, Hoshiarpur, Punjab.

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**ABSTRACT**

The organ donor can be anyone of which the organ can be transplanted to the patient urgently require. The organ donated by the normal human being is saved properly to transplant into the patient whenever he or she require. One can get the new life through the organ transplantation donated by donor.

**KEYWORDS:** Organ, Donation, Harvesting, Kidney, Liver.**INTRODUCTION**

Organ donation is the process of Retrieving or Procuring an organ from a live or deceased person known as a DONOR. The process of recovering organs is called HARVESTING. This organ is transplanted into the RECEIPTMENT who is in need of that organ. There are two types of organ donation – Live Donation & Deceased or Cadaver Donation. Live Donation is from a healthy and living person. This can only be done in the case of a liver or a kidney (because the liver can grow back to its normal size, and a donor can survive on one kidney). So if a near relative of yours needs a liver or a kidney, anyone in the immediate family can donate to them. When we talk about pledging your organs or about organ donation, we are talking about Deceased organ donation or cadaver organ donation. This is organ donation from a person who has been declared brain dead by a team of authorized doctors at a hospital. A person is said to be brain dead when there is an irreversible loss of consciousness, absence of brain stem reflexes and no spontaneous respiration.<sup>[1]</sup>

**Importance Of Organ Donation<sup>[2]</sup>**

According to the report, at least more than 5 lakhs of the Indians are dying every year just because of the failure of their major functioning organs anytime. They still want to live their life as they are not fully satisfy with their life and want to live more but just because of the natural calamities they are unable to do so. The organ transplantation could play a major role in their beautiful life by increasing their period of living a life more than expectations. The donor of the organs plays a role of God in the life of organ transplanted person. One organ donor can save more than 9 lives in his life by donating his well function organs. The Organ Donation Day campaign, which is celebrated every year at August 13th, provides a

great opportunity in everyone's life to come ahead and pledge to donate their precious organs. The organs which can be successfully transmitted are kidneys, livers, Bone marrow, hearts, lungs, cornea, pancreases, small bowels through the medical treatments. The organs transplantation and donation both of the process can be successfully done because of the development of immuno-suppressive drugs which can increase the survival rate of organ recipients. Because of the growth and development of the new technologies and therapies in the modern life, the need of the organ transplants is continuously increasing with the great extents which need more organ donation every year. Instead of availability of the great technologies and therapies the death rate has increased because of the shortage of transplant-able organs.

**OBJECTIVES**

- To aware the people about the need of organ donation.
- To distribute the messages of organ donation all over the country.
- To remove the hesitations of the people about donating organs.
- To say a grateful thanks to the donors of organs.
- To motivate and encourage more people towards organ donation in their life.

**Who Can Donate?**

- Almost anyone of nearly any age and average health can donate an organ. Although anyone who has cancer, HIV or disease-causing bacteria in the bloodstream or body tissues is usually exempt from donation, this is not always the rule.

- Decisions about an organ's usability are made at the donor's time of death or, in the case of living donors, in the process leading to donation.
- Medical Science has made tremendous progress in recent times in the field of transplant surgeries and operations, with organ donation from one person after brain death capable of saving up to 9 lives and improving the lives of many others.
- However, due to the prevalence of myths surrounding brain death and the lack of awareness in India, majority of people do not take up this noble cause for the benefit of others.

#### Which organs can be donated?

- Kidney
- Lungs
- Heart
- Eye
- Liver
- Pancreas
- Cornea
- Small Intestine
- Skin tissues
- Bone tissues
- Heart valves
- Veins

#### How and Where to Donate Organs

Following are the top NGO's and organizations of the country involved in organ donation:

- Mohan Foundation
- Gift Your Organ Foundation
- Shatayu
- Gift A Life
- Dadhichi Mission from Central India (having centers in Delhi, Modinagar, Gurgaon, Mumbai, Hyderabad, Bhopal, and Bangalore)

#### Online organ registry

There is a facility of online organ registry for the people all over India who are willing to donate organs on their own will. Organ registry ensures the proper organ donation as well as the fair use of donated organs in the future according to the priority of need and requirements of the organs to the recipients. Indian Society of Organ Transplantation was initiated the Transplant Registry in India in 2005, Cadaver Transplant Programme was initiated by the Government of Tamil Nadu in 2009 and then by the Department of Health, Government of Kerala in 2012 and Department of Medical, Health and Family Welfare, Government of Rajasthan in 2014. There is another plan for the national organ registry by the Government of India.

#### Fear and Myths about Organ Donation

There are various fear and myths exists in the people's mind about the organ donation because of the low level awareness. Most of the people do not have proper awareness about the organ donation, which organs can be

donated, when they can donate, how to get registered for the organ donation, etc. Some people do not interested in the organ donation or do not show their independent desire for organ donation because of the family pressure or their own fear and myths.

#### CONCLUSION

Be an organ donor, all it costs is a little love. Help a generation with organ donation. "Be a hero, be an organ donor."

#### REFERENCES

1. Available from <http://www.organindia.org/overviews/know-organ-donation/> dated on 13/08/2017.
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