



## Make your wish count

Discover, decide and discuss  
organ and tissue donation



# Organ and Tissue Donation

**Jenny Duggan**

Communications Officer – 9222 8556

[Jennifer.duggan@health.wa.gov.au](mailto:Jennifer.duggan@health.wa.gov.au)

**DonateLife** – WA Agency for  
Organ & Tissue Donation



Government of **Western Australia**  
Department of **Health**



# Organ and Tissue Authority (OTA)

The OTA is an independent statutory agency within the Australian Government Health portfolio.

Established in 2009 and operates under the Australian Organ and Tissue Donation and Transplantation Authority Act 2008, (the Act).

Part of the Australian Government's national reform program to improve organ and tissue donation and transplantation outcomes in Australia.



# Did you know?

- The majority of Australians (approximately 70%) are willing to become organ and tissue donors.
- Only 38% of West Australians have registered on AODR.
- Donation is an infrequent event – Between 1-2% of people in Australia can become an organ donor as particular circumstances must prevail in order for a patient to become medically suitable.
- In Australia, organ donation does not proceed unless there is a suitable recipient for transplantation.
- Nine in ten families agree to donation when their loved one is a registered donor.
- The option to register from your WA Driver's License application or renewal has not been available in WA since 2004.
- If you are unable to give blood due to living in the UK during the CJD outbreaks in the 90's this DOES NOT AFFECT becoming an Organ Donor.

# Who can become an organ and tissue donor?

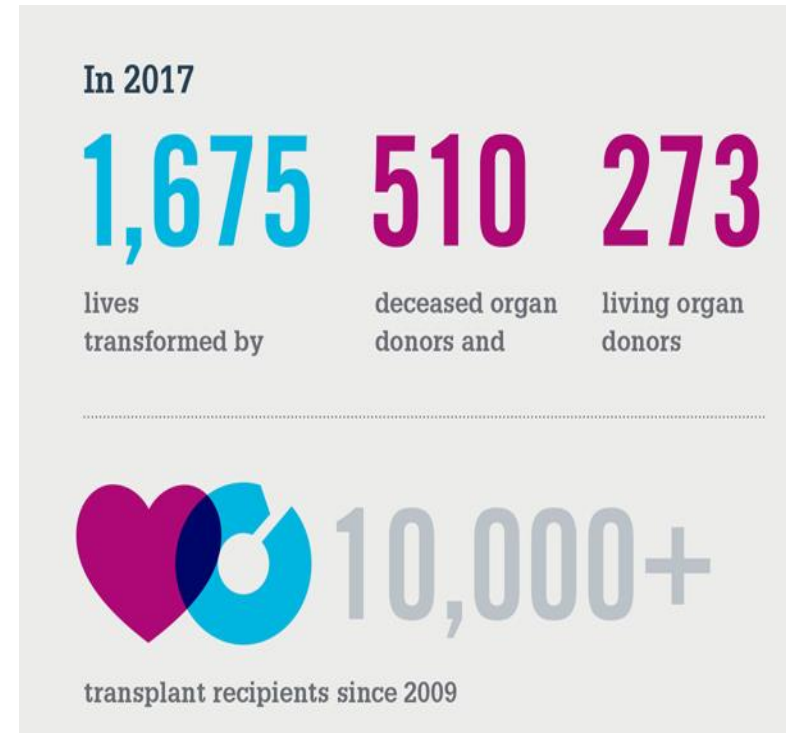
- Almost anyone can register to donate  
[www.donatelife.gov.au](http://www.donatelife.gov.au)
- Don't assume you are too old, too young or not healthy enough
- People who cannot donate organs may still be able to donate tissue
- Most religions support organ and tissue donation
- Living donors can donate a kidney or a partial liver, and for those having a voluntary hip replacement can donate the head of their femur.



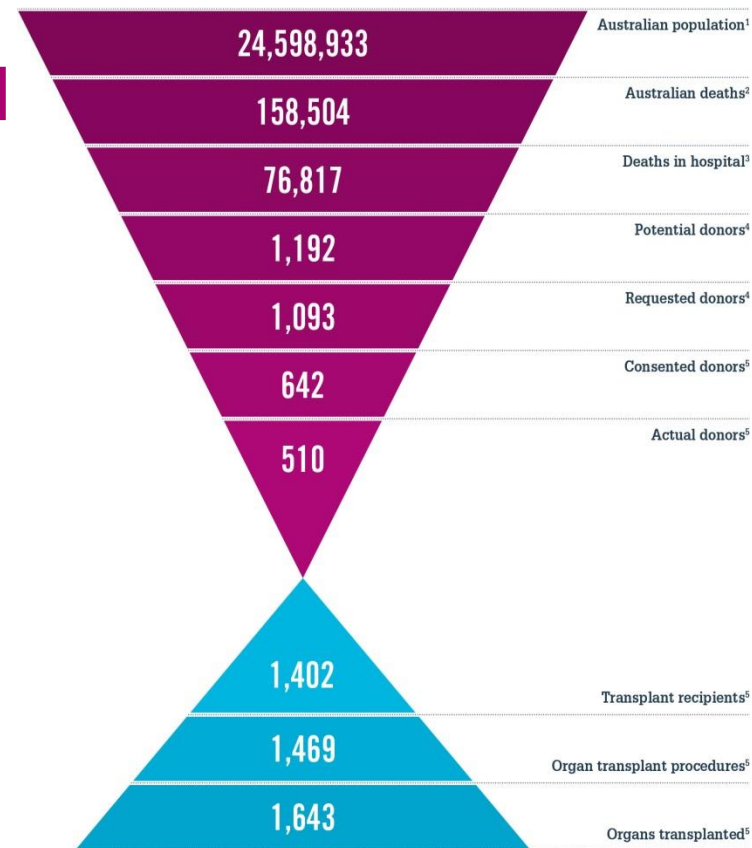


# Australia's donation and transplantation outcomes

- In 2017:
  - 510 deceased organ donors gave 1,675 Australians a new chance in life.
  - In Australia more than 60% of families gave consent for organ and tissue donation to proceed. (Aiming for 75% World Best Practice target).
  - Only 38% of Western Australian's are registered on the AODR.
- In 2017, there were 1,469 organ transplant procedures performed. The following organs were transplanted:
  - Kidneys (832), Liver (281), Lungs (206), Heart (98), Pancreas (51), Intestines (1)



# Australia's potential deceased organ donor population 2017



## Source:

- 30 June 2014 estimated resident population (ABS 3101.0 Australian Demographic Statistics, Jun 2014. Released 18/12/2014)
- Estimated from ABS 3302.0 Deaths, Australia, 2013. Released 6/11/2014.
- Estimated from AIHW Australian hospital statistics 2012-13. Released 30/4/2014.
- Extrapolated from September 2014 DonateLife Audit Report, Organ and Tissue Authority.
- ANZOD Monthly Report on Deceased Organ Donation in Australia, January 2015.

## Source:

- Estimated Resident Population 30 June 2017, ABS 3101.0 Australian Demographic Statistics, (released 14 December 2017)
- ABS 3302.0 Deaths, Australia, 2016 (released 27 September 2017)
- AIHW Australian Hospital Statistics 2015-16 (released 17 May 2017)
- Estimated using DonateLife Audit Data (February 2018)
- Deceased Organ Donation in Australia, ANZOD, January 2018.

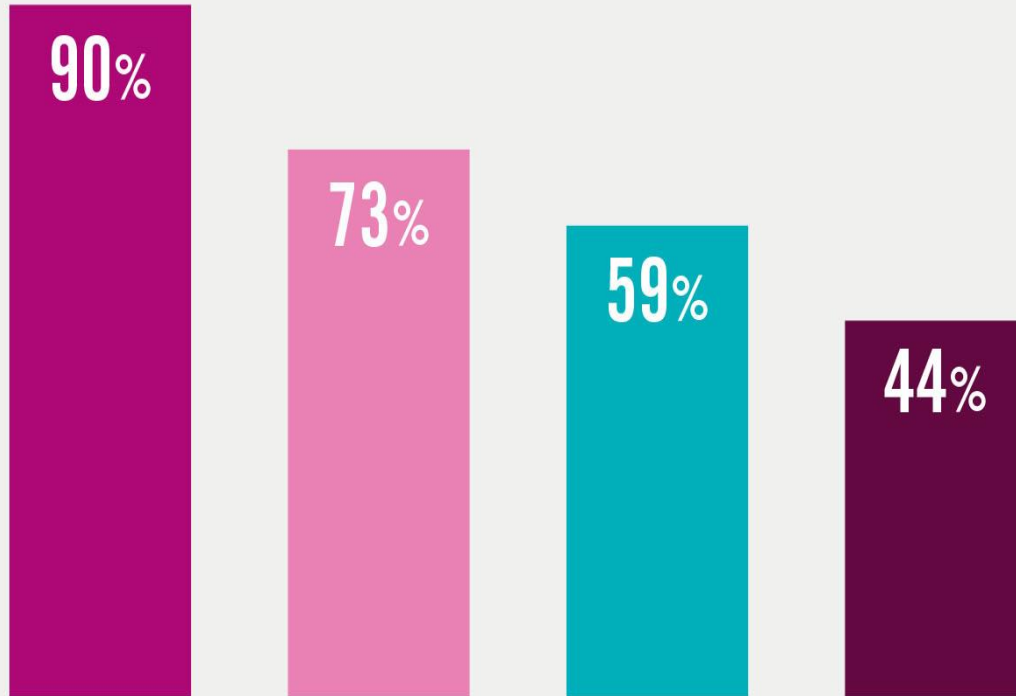


Government of **Western Australia**  
Department of **Health**



# Donation consent rates

Organ donation consent rates



- A** 90% of families agreed to donation proceeding when their loved one **was a registered donor**.
- B** 73% of families agreed to organ donation when they **knew their loved one's decision**.
- C** This compares to the **59% national average**.
- D** 44% of families agreed to donation when the potential donor **had not registered or discussed** their donation wishes.

Source: DonateLife Audit 2017



# Why do people need transplants?

- Inherited genetic condition
  - Cardiomyopathy (affects the heart)
  - Cystic fibrosis (affects the lungs)
  - Biliary atresia (affects the liver)
- Disease or damage to eyes
- Congenital defects in young children
- Severe trauma from accidents leading to organ failure
- Rheumatic fever and other severe illness or disease
- Burns can require skin grafts



# Before Organ Transplant



# After





DonatLife – Queensland Organ Donation Agency

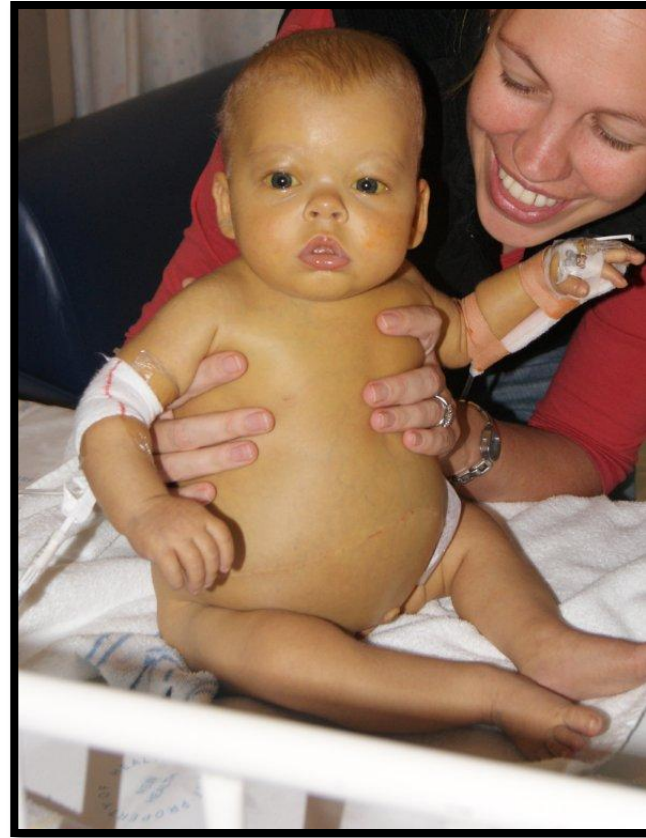
<http://www.heart-valve-surgery.com/Images/bicuspid-aortic-valve.gif>

Dane –  
heart valve  
recipient





# Before Organ Transplant





# After Organ Transplant



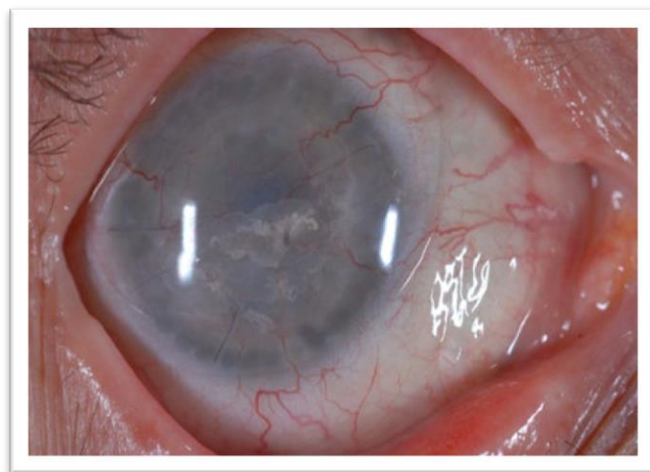
[Will's story](#)

# Tissue donation enhances quality of life

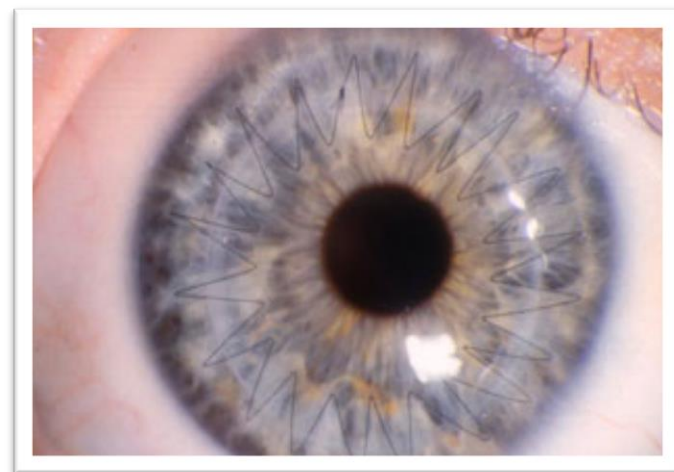


Wayne,  
corneal  
recipient

What a difference a donor makes...



A person with a damaged cornea



After a corneal transplant

# What can people donate?

<b>ORGANS</b>	<b>TISSUE</b>
KIDNEYS	<b>CORNEAS</b>
LIVER	HEART VALVES – not in WA
HEART	<b>PANCREAS ISLETS</b>
LUNGS	SKIN – not in WA
PANCREAS	<b>BONE</b>
	TENDONS – not in WA
	LIGAMENTS – not in WA

# Tissue Donation

**Eyes** for corneas and sclera (5 –80yrs)

**Bones** and their associated tissue (15 – 75yrs)

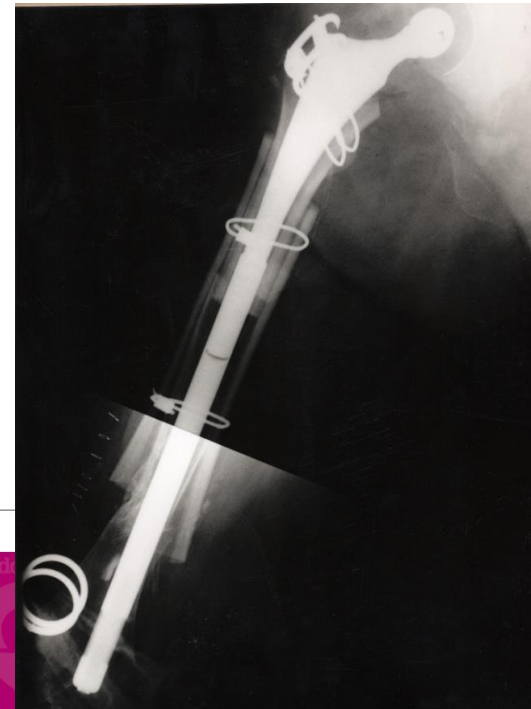
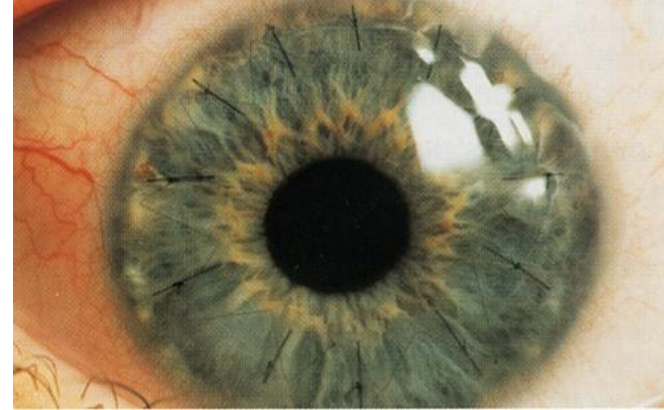
**Heart valves** (not currently retrieved in WA)

**Skin tissue** (not currently retrieved in WA)

**Exclusions? Risk factors**

**Where?** Hospital Theatre / Mortuary

**When?** Up to 24hours after death



Government of Western Australia  
Department of Health





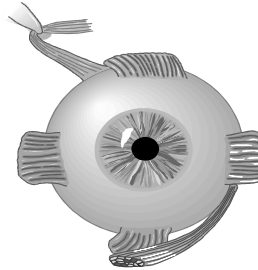
# Who can be a tissue donor?

- Live donors
  - Bone Marrow
- Circulatory arrest and brain death
- Coronial and non-coronial cases
- Primary cerebral tumors
- Within 24 hours of circulatory death



# Tissue Donation

Corneas



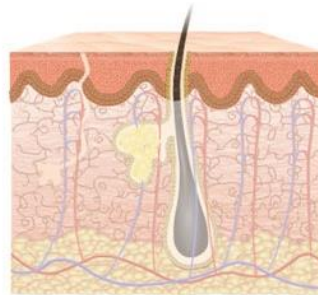
5 - 100 years

Bone Tissue



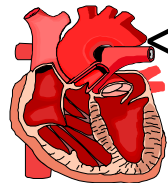
15 - 65 years

Skin Tissue



< 70 years

Heart Valves



60 years (> 5kg)

# Tissue Storage

Cornea

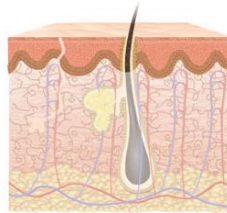
Sclera



30 days

1 year

Skin



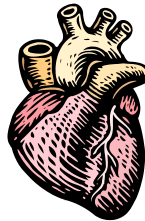
5 years

Bone/ Tendon



5 years

Heart Valves



5 years

# Family support and Follow up

- Ongoing support
- Follow up letters
- Recipient information and assistance in correspondence.
- Free counselling
- Honour ceremony and other events.



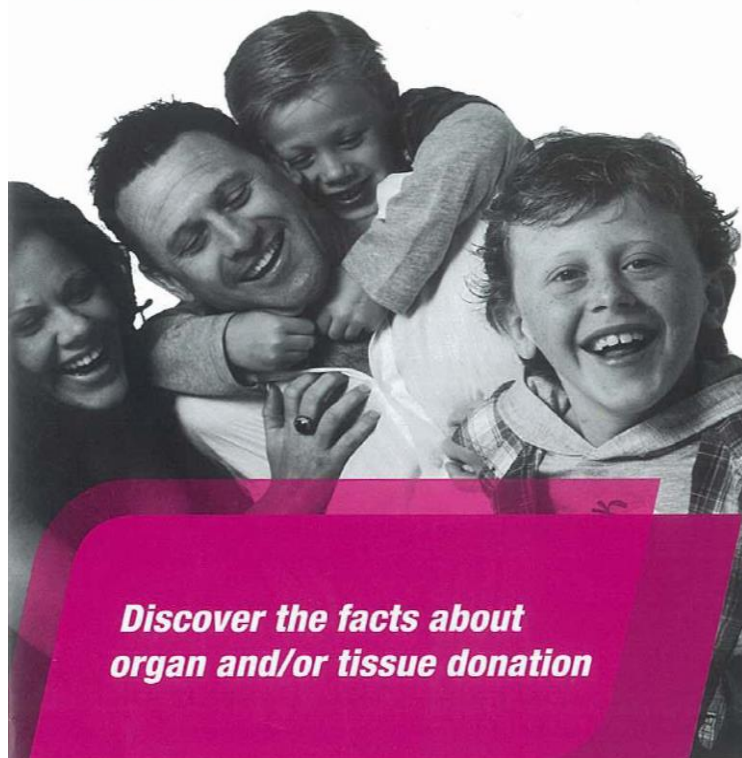
# What can you do?



Australian Government  
Medicare Australia  
Organ and Tissue Authority

donate life 

Australian  
organ donor  
register



**Discover the facts about  
organ and/or tissue donation**

Register your decision on the  
Australian Organ Donor Register



Australian Government  
Department of Human Services

**medicare**

## For more information

For more information about the Donor Register go to  
[humanservices.gov.au/organdonor](http://humanservices.gov.au/organdonor) or call 1800 777 203  
Note: Calls from mobile phones may be charged at a higher rate.

## Returning your form

This form can be returned:

- to a Medicare Service Centre
- by folding and posting, or
- by fax to: 1300 587 189

## Your decision

- 1 I want to (tick one box only):
- register myself on the Donor Register ☐
  - change my donation decision details on the Donor Register ☐
  - be removed from the Donor Register ☐
  - register my decision not to be a donor ☐

## Your details

- 2 I authorise my donor registration to be linked to my Medicare record
- Your Medicare card number  -  -  Ref no. ☐
- Tick to authorise if Medicare card number not known/available ☐

- 3 Donor registration number (if known)
- R  -  -

- 4 Mr ☐ Mrs ☐ Miss ☐ Ms ☐ Other

Family name

Given name

- 5 Date of birth  /  /

- 6 Your sex Male ☐ Female ☐

MOISTEN HERE

1397.1208—B

## Australian Organ Donor Register New registration, change or removal of donation decision details

### 7 Permanent postal address

Postcode

Note: Where your organ donor registration is linked to your Medicare record, this address will be used to update the Medicare record for everyone on your Medicare card.

### 8 Daytime phone number

Email

@

## Organ and tissue donation

- 9 I wish to register my consent to donate the following organs and/or tissues for transplantation, in the event of my death. (Tick 'All' or as many as apply):

All ☐ Bone tissue ☐ Eye tissue ☐ Heart ☐  
Heart valves ☐ Kidneys ☐ Liver ☐  
Lungs ☐ Pancreas ☐ Skin tissue ☐

## Declaration

- 10 Please register me, change or remove my details on the Australian Organ Donor Register.

- I give permission for the details I have provided to be actioned on the Donor Register
- I have discussed this decision with my family, partner or friend
- I am aware that I can change my donation decision details at any time.

Signature  Date

/  /

## Privacy notice

Your personal information is protected by law, including the Privacy Act 1988, and is collected for a Social Security, Family Assistance, Medicare, Child Support and CRS purpose, depending on the service or payment concerned. This information may be required by law or collected voluntarily when you apply for services or payments. Your information is used for the assessment and administration of payments and services and may also be used within Human Services; or disclosed to other parties or agencies, where you have provided consent or it is required or authorised by law. You can get more information about privacy by going to our website at [humanservices.gov.au/privacy](http://humanservices.gov.au/privacy) or requesting a copy of the full privacy policy at any of our Service Centres.



# What can you do?



# Get involved

- **Ask your friends** if they have discussed their donation decision with their next of kin.
- **Organise a speaking event** in your community and distribute DonateLife factsheets and resources.
- Take part in **DonateLife Week – 29 July – 5 August 2018**, the annual awareness week
- Follow DonateLife on social media – **Facebook, Instagram and Twitter.**
- **Display DonateLife posters and brochures** in your community and start a discussion.
- Discuss with your **workplace/sporting organisation** about becoming a DonateLife community partner.
- Take Part in the **Writing for Life** – micro fiction writing competition grade 7-12. Launches during DonateLife Week.
- Take part in **Jersey Day – 1<sup>st</sup> Friday in September** - wear their favourite sporting jersey to school or work.

[www.donatelife.gov.au](http://www.donatelife.gov.au)

**Questions?**

