

# Monthly Report on Living Kidney Donation in Australia

November 2019

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# Living Kidney Donor Registry in conjunction with the ANZDATA Registry



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Transplanting Hospitals for Australian Donors reporting in 2019



## **Explanatory Notes**

#### Definitions

Donor – A human being, living or deceased, who is a source of cells, tissues or organs for the purpose of transplantation.

Living Kidney Donor – A living human being from whom a kidney has been removed for the purpose of transplantation. A Living Kidney Donor has one of the following three possible relationships with the recipient:

1. Related:

- (a) Genetically Related:
  - i. 1st Degree Genetic Relative: Parent, Sibling, Offspring
  - ii. 2nd Degree genetic relative, e.g. grandparent, grandchild, aunt, uncle, niece, nephew
  - iii. Other than 1st or 2nd degree genetically related, for example cousin
- (b) Emotionally Related: Spouse (if not genetically related); in-laws; Adopted; Friend
- 2. Unrelated = Non Related: Not Genetically or Emotionally Related

Australian and New Zealand Paired Kidney Exchange Program (ANZKX) – This program matches incompatible kidney donors with recipient pairs with other incompatible pairs across Australia and New Zealand.

Paired Kidney Exchange Donor – A living kidney donor whom is identified as a match for patients who are eligible for a kidney transplant, and have a living donor who is willing but unable to donate because of an incompatible blood type or tissue type. This donor is willing to donate their kidney to another person.

Recipient - A consented eligible person into whom organs, retrieved for the purpose of transplantation, are received.

Transplantation – The transfer of organs or tissue from donor to recipient with the aim of restoring body function(s) of the receipient.

#### Notes

For the purpose of this report data representing Living Kidney Donors are defined in the definition oulined above.

All tables are presented by state/territory of donation, unless otherwise specified.

This report supercedes previous monthly report and as data reported is subject to revision it may change in subsequent reporting.



## Summary of Australian Living Kidney Donation Living Kidney Donors per Month Australia 400-350 Cumulative Incidence 300 250 200 2019 150 2018 2017 100 2016 50 2015 2014 0 Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Living Kidney Donors per Month Australia 40 **Donor Number** 30 20 10 Actual number 3 month moving average\* 0 9 Auguration Separation Pug Api Api Aay Jun è \*The average is calculated from the number of living kidney donors in the current month, previous month and next month; except for the most recent month which is calculated from the previous and current months. ~



|           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec Total |  |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--|
| NSW       | 7   | 5   | 5   | 9   | 8   | 2   | 4   | 6   | 8   | 7   | 15  | 76        |  |
| VIC       | 8   | 9   | 4   | 3   | 8   | 5   | 5   | 2   | 3   | 14  | 10  | 71        |  |
| QLD       | 2   | 5   | 1   | 2   | 4   | 1   | 1   | 3   | 4   | 5   | 5   | 33        |  |
| SA        | 2   | 1   | 0   | 2   | 3   | 2   | 2   | 1   | 0   | 2   | 3   | 18        |  |
| WA        | 3   | 2   | 0   | 1   | 2   | 2   | 0   | 5   | 3   | 1   | 1   | 20        |  |
| TAS       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         |  |
| NT        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         |  |
| ACT       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         |  |
| AUSTRALIA | 22  | 22  | 10  | 17  | 25  | 12  | 12  | 17  | 18  | 29  | 34  | 218       |  |

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#### Australian Genetically-Related Donors by Donor Jurisdiction

Genetically-related donors includes all degrees of genetically related donors such as siblings, parents, children etc.

|           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct       | Nov | Dec | Total     |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----------|
| NSW       | 2   | 3   | 4   | 4   | 4   | 1   | 2   | 3   | 6   | 3         | 5   |     | 37        |
| VIC       | 0   | 1   | 1   | 3   | 4   | 2   | 1   | 2   | 3   | 6         | 5   |     | <b>28</b> |
| QLD       | 0   | 3   | 1   | 1   | 2   | 1   | 0   | 2   | 2   | 3         | 1   |     | 16        |
| SA        | 1   | 0   | 0   | 1   | 0   | 1   | 1   | 1   | 0   | 1         | 2   |     | 8         |
| WA        | 1   | 2   | 0   | 1   | 1   | 2   | 0   | 3   | 2   | 1         | 0   |     | <b>13</b> |
| TAS       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         | 0   |     | 0         |
| NT        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         | 0   |     | 0         |
| ACT       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0         | 0   |     | 0         |
| AUSTRALIA | 4   | 9   | 6   | 10  | 11  | 7   | 4   | 11  | 13  | <b>14</b> | 13  |     | 102       |
|           |     |     |     |     |     |     |     |     |     |           |     |     |           |

#### Australian Emotionally-Related Donors by Donor Jurisdiction

Emotionally-related donors includes donors who have an emotional or social attachment to the recipient, but are not genetically related. This includes spouses and friends. Donors for the Australian and New Zealand Paired Kidney Exchange Program are also unrelated genetically, but are listed separately.

|           | Jan | Feb      | Mar      | Apr | May | Jun | Jul | Aug | $\operatorname{Sep}$ | Oct | Nov | $\operatorname{Dec}$ | Total     |
|-----------|-----|----------|----------|-----|-----|-----|-----|-----|----------------------|-----|-----|----------------------|-----------|
| NSW       | 1   | 2        | 1        | 5   | 2   | 1   | 2   | 3   | 2                    | 3   | 3   |                      | <b>25</b> |
| VIC       | 0   | 3        | 1        | 0   | 0   | 3   | 2   | 0   | 0                    | 2   | 2   |                      | <b>13</b> |
| QLD       | 0   | <b>2</b> | 0        | 1   | 2   | 0   | 1   | 1   | 2                    | 1   | 3   |                      | <b>13</b> |
| SA        | 1   | 0        | 0        | 1   | 3   | 1   | 0   | 0   | 0                    | 1   | 1   |                      | 8         |
| WA        | 1   | 0        | 0        | 0   | 1   | 0   | 0   | 2   | 1                    | 0   | 1   |                      | 6         |
| TAS       | 0   | 0        | 0        | 0   | 0   | 0   | 0   | 0   | 0                    | 0   | 0   |                      | 0         |
| NT        | 0   | 0        | 0        | 0   | 0   | 0   | 0   | 0   | 0                    | 0   | 0   |                      | 0         |
| ACT       | 0   | 0        | 0        | 0   | 0   | 0   | 0   | 0   | 0                    | 0   | 0   |                      | 0         |
| AUSTRALIA | 3   | 7        | <b>2</b> | 7   | 8   | 5   | 5   | 6   | 5                    | 7   | 10  |                      | 65        |



| AUSTRALIA | 15  | 6   | <b>2</b> | 0   | 6   | 0   | 3   | 0   | 0   | 8   | 11  |     | 51    |  |
|-----------|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--|
| ACT       | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0     |  |
| NT        | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0     |  |
| TAS       | 0   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0     |  |
| WA        | 1   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 1     |  |
| SA        | 0   | 1   | 0        | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   |     | 2     |  |
| QLD       | 2   | 0   | 0        | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   |     | 4     |  |
| VIC       | 8   | 5   | 2        | 0   | 4   | 0   | 2   | 0   | 0   | 6   | 3   |     | 30    |  |
| NSW       | 4   | 0   | 0        | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 7   |     | 14    |  |
|           | Jan | Feb | Mar      | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |  |
|           | -   |     |          |     |     | -   |     |     | ~   |     |     | -   |       |  |

#### Australian Unrelated Donors by Donor Jurisdiction

# Australian Donors in the Australian and New Zealand Paired Kidney Exchange Program (ANZKX) by Donor Jurisdiction

Donors for the ANZKX Program are included in the unrelated donor numbers above.

|           |           |     |     |     |     |     | h   |     |     |     |     |     |           |
|-----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
|           | Jan       | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total     |
| NSW       | 3         | 0   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | 1   | 7   |     | 13        |
| VIC       | 7         | 5   | 2   | 0   | 4   | 0   | 2   | 0   | 0   | 6   | 3   |     | <b>29</b> |
| QLD       | 2         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   |     | <b>4</b>  |
| SA        | 0         | 1   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   |     | <b>2</b>  |
| WA        | 1         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 1         |
| TAS       | 0         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0         |
| NT        | 0         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0         |
| ACT       | 0         | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     | 0         |
| AUSTRALIA | <b>13</b> | 6   | 2   | 0   | 6   | 0   | 3   | 0   | 0   | 8   | 11  |     | 49        |



# Transplant Recipients from Australian Living Kidney Donors

### Recipients from Australian Donors by Jurisdiction of Donation

|           | Jan       | Feb       | Mar | Apr | May       | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total      |
|-----------|-----------|-----------|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|------------|
| NSW       | 7         | 5         | 5   | 9   | 8         | 2   | 4   | 6   | 8   | 7   | 15  |     | 76         |
| VIC       | 8         | 9         | 4   | 3   | 8         | 5   | 5   | 2   | 3   | 14  | 10  |     | 71         |
| QLD       | 2         | 5         | 1   | 2   | 4         | 1   | 1   | 3   | 4   | 5   | 5   |     | 33         |
| SA        | <b>2</b>  | 1         | 0   | 2   | 3         | 2   | 2   | 1   | 0   | 2   | 3   |     | 18         |
| WA        | 3         | 2         | 0   | 1   | 2         | 2   | 0   | 5   | 3   | 1   | 1   |     | 20         |
| TAS       | 0         | 0         | 0   | 0   | 0         | 0   | 0   | 0   | 0   | 0   | 0   |     | 0          |
| NT        | 0         | 0         | 0   | 0   | 0         | 0   | 0   | 0   | 0   | 0   | 0   |     | 0          |
| ACT       | 0         | 0         | 0   | 0   | 0         | 0   | 0   | 0   | 0   | 0   | 0   |     | 0          |
| AUSTRALIA | <b>22</b> | <b>22</b> | 10  | 17  | <b>25</b> | 12  | 12  | 17  | 18  | 29  | 34  |     | <b>218</b> |

#### Recipients from Australian Donors by Jurisdiction of Transplantation

|             | Jan       | Feb       | Mar | Apr | May       | Jun | Jul | Aug | Sep       | Oct       | Nov | Dec | Total     |
|-------------|-----------|-----------|-----|-----|-----------|-----|-----|-----|-----------|-----------|-----|-----|-----------|
| NSW         | 7         | 5         | 5   | 9   | 9         | 2   | 4   | 6   | 8         | 6         | 15  |     | 76        |
| VIC         | 10        | 9         | 4   | 3   | 7         | 5   | 5   | 2   | 3         | 14        | 9   |     | <b>71</b> |
| QLD         | 1         | 5         | 1   | 2   | 4         | 1   | 1   | 3   | 4         | 5         | 5   |     | <b>32</b> |
| SA          | 2         | 1         | 0   | 2   | 3         | 2   | 2   | 1   | 0         | 2         | 3   |     | 18        |
| WA          | <b>2</b>  | 2         | 0   | 1   | 2         | 2   | 0   | 5   | 3         | 1         | 1   |     | 19        |
| TAS         | 0         | 0         | 0   | 0   | 0         | 0   | 0   | 0   | 0         | 0         | 0   |     | 0         |
| NT          | 0         | 0         | 0   | 0   | 0         | 0   | 0   | 0   | 0         | 0         | 0   |     | 0         |
| ACT         | 0         | 0         | 0   | -0  | 0         | 0   | 0   | 0   | 0         | 0         | 0   |     | 0         |
| AUSTRALIA   | <b>22</b> | <b>22</b> | 10  | 17  | <b>25</b> | 12  | 12  | 17  | <b>18</b> | <b>28</b> | 33  |     | 216       |
| NEW ZEALAND | 0         | 0         | 0   | 0   | 0         | 0   | Ō   | 0   | 0         | 1         | 1   |     | 2         |



## Transplanting Hospitals for Australian Donors reporting in 2019

| Transplanting HospitalJurisdictionJOHN HUNTER HOSPITALNSWPRINCE OF WALES HOSPITALNSWROYAL NORTH SHORE HOSPITALNSWST VINCENT'S HOSPITAL SYDNEYNSWST VINCENT'S PRIVATE HOSPITAL SYDNEYNSWSTATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWWESTMEAD HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWANEW ZEALAND HOSPITALWANEW ZEALAND HOSPITALNZ |                                      |               |
|--|--------------------------------------|---------------|
| PRINCE OF WALES HOSPITALNSWROYAL NORTH SHORE HOSPITALNSWST VINCENT'S HOSPITAL SYDNEYNSWST VINCENT'S PRIVATE HOSPITAL SYDNEYNSWSTATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | Transplanting Hospital               | Jurisdiction  |
| ROYAL NORTH SHORE HOSPITALNSWST VINCENT'S HOSPITAL SYDNEYNSWST VINCENT'S PRIVATE HOSPITAL SYDNEYNSWSTATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALVICQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | JOHN HUNTER HOSPITAL                 | NSW           |
| ST VINCENT'S HOSPITAL SYDNEYNSWST VINCENT'S PRIVATE HOSPITAL SYDNEYNSWSTATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALVICQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | PRINCE OF WALES HOSPITAL             | NSW           |
| ST VINCENT'S PRIVATE HOSPITAL SYDNEYNSWSTATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALVICQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | ROYAL NORTH SHORE HOSPITAL           | NSW           |
| STATEWIDE RENAL SERVICESNSWSYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | ST VINCENT'S HOSPITAL SYDNEY         | NSW           |
| SYDNEY CHILDRENS HOSPITALNSWTHE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALVICQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | ST VINCENT'S PRIVATE HOSPITAL SYDNEY | NSW           |
| THE CHILDREN'S HOSPITAL AT WESTMEADNSWWESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | STATEWIDE RENAL SERVICES             | NSW           |
| WESTMEAD HOSPITALNSWALFRED HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | SYDNEY CHILDRENS HOSPITAL            | NSW           |
| ALFRED HOSPITALVICAUSTIN HOSPITALVICAUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | THE CHILDREN'S HOSPITAL AT WESTMEAD  | NSW           |
| AUSTIN HOSPITALVICMONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | WESTMEAD HOSPITAL                    | NSW           |
| MONASH MEDICAL CENTRE (ADULTS)VICROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | ALFRED HOSPITAL                      | VIC           |
| ROYAL CHILDRENS HOSPITALVICROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | AUSTIN HOSPITAL                      | VIC           |
| ROYAL MELBOURNE HOSPITALVICQUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | MONASH MEDICAL CENTRE (ADULTS)       | VIC           |
| QUEENSLAND CHILDREN'S HOSPITALQLDQUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | ROYAL CHILDRENS HOSPITAL             | VIC           |
| QUEENSLAND KIDNEY TRANSPLANT SERVICEQLDCENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | ROYAL MELBOURNE HOSPITAL             | VIC           |
| CENTRAL NORTHERN ADELAIDE RENALSAFIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA   | QUEENSLAND CHILDREN'S HOSPITAL       | QLD           |
| FIONA STANLEY HOSPITALWAPERTH CHILDRENS HOSPITALWASIR CHARLES GAIRDNER HOSPITALWA  | QUEENSLAND KIDNEY TRANSPLANT SERVICE | QLD           |
| PERTH CHILDRENS HOSPITAL WA<br>SIR CHARLES GAIRDNER HOSPITAL WA  | CENTRAL NORTHERN ADELAIDE RENAL      | $\mathbf{SA}$ |
| SIR CHARLES GAIRDNER HOSPITAL WA   | FIONA STANLEY HOSPITAL               | WA            |
|  | PERTH CHILDRENS HOSPITAL             | WA            |
| NEW ZEALAND HOSPITAL NZ  | SIR CHARLES GAIRDNER HOSPITAL        | WA            |
|  | NEW ZEALAND HOSPITAL                 | NZ            |