**Australian and New Zealand Hip Fracture Registry**

**Data Access Policy**

**PURPOSE AND SCOPE**

Access to data collected and collated by the Australian and New Zealand Hip Fracture Registry (ANZHFR) is guided by protocols and procedures to maintain privacy and confidentiality. Provision of data to the registry is subject to the study protocol, which has been approved by Human Research Ethics Committees in each jurisdiction, and the relevant Research Governance Offices of participating hospitals. This document provides guidance to the ANZHFR’s approach to dealing with requests to access registry data, and outlines the procedures for applicants to follow when making a request for access to data.

**BACKGROUND**

The ANZHFR holds identified data relating to people 50 years of age and over admitted to hospital with a fractured proximal femur. The registry contains data submitted by participating hospitals, and it is important that the privacy of this information is maintained. This policy is intended to protect privacy and confidentiality when considering requests from third parties to access the data held in the registry. In considering requests to access and use ANZHFR data, the primary aim of the Steering Group is to protect the individual participant’s privacy.

**APPLICANT RESPONSIBILITIES**

1. People accessing ANZHFR data are responsible for ensuring appropriate security for the storage of any material, confidential or otherwise, held in any format including on computing systems.
2. A date for data disposal must be included in any request for access to data.
3. In accessing de‐identified data, no attempt will be made to re‐identify individuals in the data provided by the ANZHFR.
4. For research proposals, ethics and governance approvals must be provided prior to the release of data.
5. For research proposals, a schedule for the reporting and dissemination of results must be included in the submitted project outline.
6. For research proposals, a copy of the Human Research Ethics Committee (HREC) annual progress report and acknowledgement must be submitted to the ANZHFR ([clinical@anzhfr.org](mailto:clinical@anzhfr.org)).

**DATA ACCESS**

1. Access to data is subject to the protocol statement outlined below.
2. All uses of the data, in whatever context, must receive prior approval from the ANZHFR Steering Group. In most instances, specific ethics approval from the relevant hospital ethics committee will also be required.
3. The applicant will provide the ANZHFR Steering Group a copy of any manuscripts submitted to peer-reviewed journals, and the reference once published. Abstracts submitted to conferences should also be provided.
4. Individually identifiable unit record data (such as name, address, date of birth) will not be provided directly to an applicant. Individually identifiable information would only be made available to third parties (such as data linkage centres) for the purpose of linkage to other data collection(s). No clinical or health information would be provided for the purpose of data linkage. Ethical approval would be required for research involving data linkage and the third party conducting the linkage must have a data governance and data security plan in place.
5. In general, requests from contributing clinicians and hospitals and academic organisations will be fulfilled without charge.
6. Requests for data from other bodies will be considered on a case-by‐case basis and may be subject to a fee.
7. If a fee is charged, agreement in writing from the requesting agency must be received prior to data being extracted.
8. All requests for access to ANZHFR data must take timeframes into account, as data requests will be scheduled alongside routine ANZHFR tasks.
9. Data requests are to be made to the ANZHFR for consideration at ANZHFR Steering Group meetings. Clarification of the data access application may be requested after ANZHFR Steering Group review.
10. Steering Group meetings are held four times per year and data will not be extracted until ANZHFR Steering Group approval is given. As a general rule, requests for aggregated data will take 6-8 weeks to complete after approval.
11. All data requests must be lodged in writing on the registry application form (Appendix 1) and sent to the Data Custodian, Australian and New Zealand Hip Fracture Registry, c/- Neuroscience Research Australia, 139 Barker Street, Randwick NSW 2031.

**PROTOCOL STATEMENT**

1. The request for access to ANZHFR data will be submitted by the ANZHFR Data Custodian to the Data Management Committee and then to the ANZHFR Steering Group at the next meeting after receipt of the request.
2. A decision on whether to grant access to the requested Australian data will be determined by the Data Custodian Australia after considering the advice of the Data Management Committee and the ANZHFR Steering Group.
3. A decision on whether to grant access to the requested New Zealand data will be determined by the Data Custodian New Zealand after considering the advice of the Data Management Committee and the ANZHFR Steering Group.
4. Hospitals contributing data to the ANZHFR may have access to their own patient level data but use of the data must not identify individual participants.
5. If a third party project requires individual data for linkage, the individual data will not be provided directly. A data linkage plan will be developed with each new applicant with the overarching requirement that the privacy of individual hospitals and participants is maintained.
6. If a research proposal requests data for specific hospital(s), then the applicant must provide ethics approval from the specific hospital(s) before ANZHFR data is made available.
7. Data is released for the specific purpose(s) set out in the submitted application. The use of the data for any other purpose without prior approval is not permitted.
8. Applicants will be required to complete a confidentiality undertaking prior to the release of data.
9. If the applicant has not proceeded with using the ANZHFR data extract to answer their research question(s) within 12 months of receipt the ANZHFR data, then data applications from other applicants that have a similar research question may be approved.
10. The ANZHFR will not provide data to external jurisdictions but will consider contribution of aggregated results using agreed methods.
11. The applicant will provide the ANZHFR Steering Group a copy of any manuscripts submitted to peer-reviewed journals, and the reference once published. Abstracts submitted to conferences should also be provided.
12. It is a condition of use of the data that the data source is acknowledged, with a statement that the analysis and interpretation of the data are those of the author(s), not the ANZHFR.

**APPENDIX 1: ANZHFR DATA APPLICATION FORM**

*This form must accompany a request for data. Please return with any other requested documentation.*

**Attention:** ANZHFR

c/- Neuroscience Research Australia

139 Barker Street

Randwick NSW 2031

Via email: [clinical@anzhfr.org](mailto:clinical@anzhfr.org)

1. ***Applicant Information:***

*Person Responsible for this Application (for research purposes, specify the Principal Investigator)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Title/Name: |  | | | |
| Position: |  | | | |
| Organisation: |  | | | |
| Affiliation (if applicable): |  | | | |
| Address: |  | | | |
| Telephone: | Work: |  | Mobile: |  |
| Email: |  | | | |

1. ***Requesting Organisation (tick all that apply):***

|  |  |
| --- | --- |
| 🞏 Research / Academic Institution | 🞏 Hospital Clinician / Clinical Department |
| 🞏 Other Registry | 🞏 Government Department |
| 🞏 Health Organisation | 🞏 Industry |
| 🞏 Other, specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

1. ***Purpose of Data Request (tick all that apply):***

|  |  |
| --- | --- |
| 🞏 Research | 🞏 Clinical Care Quality and Safety |
| 🞏 Health Service Planning | 🞏 Policy Development |
| 🞏 Other, specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

1. Format of ANZHFR data if request approved:

|  |
| --- |
| 🞏 Coded/numerical |
| 🞏 Text labels  🞏 Both |

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| 1. **Short title of data request:** |
| *If this request is for research purposes, please attach a short description of your project (<1000 words). This should be in the form of an extended abstract, and include background, aims, method, and planned analysis.* |

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| 1. **Provide reason for data request:** |

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| 1. **Hypothesis and specific research questions:** |

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| 1. **Provide details of the variables requested by completing Appendix 2 ANZHFR Data Variable Checklist.**   *Include justification of the need for the data variable.* |

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| 1. **Cohort description, specifying any inclusion or exclusion criteria (e.g. all ages or 65+ years; only females):** |

|  |  |  |
| --- | --- | --- |
| 1. **Select jurisdiction of interest:** | | |
| 🞏 All Australia | 🞏 All New Zealand | 🞏 All Australia and New Zealand |
| **Or custom selection (tick all requested jurisdictions)** | | |
| 🞏 Queensland | 🞏 New South Wales | 🞏 Victoria |
| 🞏 Tasmania | 🞏 South Australia | 🞏 Western Australia |
| 🞏 Northern Territory | 🞏 ACT |  |
| 🞏 Other (specify): | | |

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| --- |
| 1. **Specify the dates of data required**. *Must include start and end date.* *For example, date of surgery from 1 Jan 2016 to 31 Dec 2016 inclusive OR Date of admission 1 Jan 2016 to 31 Dec 2016 exclusive:* |

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| --- |
| 1. **Provide intended uses of the data/information (include anticipated publications, reports, presentations and any other projected use):** |

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| 1. **Security and storage of data** (List all locations where the data will be stored and analysed and specify the measures taken to ensure security of information from misuse, loss or unauthorised access during and after the project): |

|  |
| --- |
| 1. **Data retention and disposal plan** (specify the period of data retention following the completion of the project and how information will be destroyed: |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Is this a funded project? | | | 🞏 Yes | 🞏 No |
| If yes, who has funded the project? | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Have you received ethics approval to access the ANZHFR?  *If yes, please attach a copy of the approval letter and all other project documentation submitted with the ethics application.* | | | 🞏 Yes | 🞏 No |
| Have you read and agree to adhere to the ANZHFR Data Access Policy? | | | 🞏 Yes | 🞏 No |
| Have you read and agree to the ANZHFR Confidentiality Undertaking? | | | 🞏 Yes | 🞏 No |
| Signature of Applicant: |  | | | | |
| Date: |  | | | | |

*Office Use Only*

*I confirm that the request as stated in this proposal is feasible. When determining whether, and in what form, Custodians will release data to the investigator due regard will be given to any ethical conditions imposed by the approving Human Research Ethics Committee.*

|  |  |  |  |
| --- | --- | --- | --- |
| Recommendation by the ANZHFR Steering Group Chairperson: | | 🞏 Approve | 🞏 Not approve |
| Additional information required: | 🞏 Yes 🞏 No | | | |
| Signature of Chairperson: |  | | | |
| Date: |  | | | |

**Appendix 2: ANZHFR DATA VARIABLE CHECKLIST**

The provision of ANZHFR data for the data variables listed below is subject to the approval of the Data Custodian Australia and Data Custodian New Zealand, via the ANZHFR Steering Group, and a relevant Human Research Ethics Committee. The list below includes all patient-level variables since inception (ANZHFR Data Dictionary v8.1 to current) including variables that have been retired (and their date of retirement) as well as new variables and their date of inclusion. Variables that may identify individual participants or hospitals have not been included in the checklist.

The current ANZHFR Data Dictionary (which details patient-level and facility-level variables collected) is available at <https://anzhfr.org/data-access/>

For detailed information on changes to variables over time, please refer to the ANZHFR Data Variable Concordance tables, available at <https://anzhfr.org/data-access/>

Check the box for each variable requested and provide a justification in the column beside.

|  | Variable | Date of inclusion | Date of retirement/inclusion | Comments | Justification |
| --- | --- | --- | --- | --- | --- |
|  | **Unique identifier** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Australian and New Zealand Jurisdiction** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Age - derived** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Sex of person** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Australian Indigenous status\*\*** | 01/01/2015 DD v8.1 |  |  |  |
|  | **NZ ethnic status** | 01/01/2015 DD v8.1 |  | Coding frame changed 01/01/2022. Refer to Concordance table |  |
|  | **Patient’s postcode (Aus)/ domiciliary code (NZ)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Patient type** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Usual place of residence** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Establishment identifier of operating hospital (random allocation)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Admission via ED of operating hospital** | 01/01/2015 DD v8.1 |  | Coding frame changed 01/01/2023. Refer to concordance table |  |
|  | **ED / hospital arrival date (transfer hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **ED arrival time (transfer hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **ED / other ward arrival date (operating hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **ED / other ward arrival time (operating hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **ED departure date (operating hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **ED departure time (operating hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **In-patient fracture date** | 01/01/2015 DD v8.1 |  |  |  |
|  | **In-patient fracture time** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Pain assessment** | 01/01/2017 DD v9.1 | 01/01/2017 (new)  31/12/2023 (retired) |  |  |
|  | **Pain management** | 01/01/2017 DD v9.1 | 01/01/2017 (new) |  |  |
|  | **Ward type** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Pre-admission walking ability** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Pre-operative cognitive assessment** | 01/01/2017 DD v9.1 | 01/01/2017 (new) | Coding frame  changed 01/01/2018 and 01/01/2021.  Refer to Concordance table |  |
|  | **Pre-admission cognitive status** | 01/01/2015 DD v8.1 |  | Variable name changed on 01/01/2018. Previously Pre-operative cognitive status  Coding frame changed 01/01/2018. Refer to Concordance table. |  |
|  | **Bone protection medication at admission** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Pre-operative medical assessment** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Side of hip fracture** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Atypical fracture** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Type of fracture** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Surgical repair** | 01/01/2015 DD v8.1 |  | Coding frame changed 01/01/2021. Refer to Concordance table |  |
|  | **ASA grade** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Clinical frailty scale** | 01/01/2021 DD v13 | 01/01/2021 (new) |  |  |
|  | **Date of surgery for hip fracture** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Time of surgery for hip fracture** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Surgery delay** | 01/01/2015 DD v8.1 |  | Coding frame changed 01/01/2017. Refer to Concordance table |  |
|  | **Type of anaesthesia** | 01/01/2015 DD v8.1 |  | Coding frame changed 01/01/2017. Refer to Concordance table |  |
|  | **Analgesia – nerve block** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Consultant surgeon present** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Type of operation performed** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Full weight bear** | 01/01/2015 DD v8.1 |  |  |  |
|  | **First day mobilisation** | 01/01/2015 DD v8.1 | 31/12/2023 (retired) | Coding frame changed 01/01/2019  Refer to Concordance table |  |
|  | **New pressure injuries of the skin** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Assessed by geriatric medicine** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Geriatric medicine assessment date** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Specialist falls assessment** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Bone protection medication at discharge from acute hospital** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Delirium assessment** | 01/01/2018 DD v10.2 | 01/01/2018 (new) |  |  |
|  | **Clinical malnutrition assessment** | 01/01/2019 DD v11 | 01/01/2019 (new) |  |  |
|  | **First day walking** | 01/01/2020 DD v12 | 01/01/2020 (new) |  |  |
|  | **Discharge date from acute ward** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Discharge destination from acute ward** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Discharge from hospital date** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Length of stay (operating hospital)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Length of stay (health system)** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Discharge place of residence** | 01/01/2015 DD v8.1 |  |  |  |
|  | **120 day follow-up date^^** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Survival at 120 days^^** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Date health system discharge at 120 day follow-up^^** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Place of residence at 120 day follow-up^^** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Full weight bear at 120 day follow-up^^** | 01/01/2015 DD v8.1 | 31/12/2019 (retired) |  |  |
|  | **Post-admission walking ability at 120 day follow-up^^** | 01/01/2015 DD v8.1 |  |  |  |
|  | **Bone protection medication at 120 day follow-up^^** | 01/01/2015 DD v8.1 |  | Coding frame options changed 01/01/2020. Refer to Concordance table |  |
|  | **Re-operation within 120 day follow-up^^** | 01/01/2015 DD v8.1 |  | Coding frame options changed 01/01/2017. Refer to Concordance table |  |
|  | **Preliminary date of death** | 01/01/2020 DD v12 | 01/01/2020 (new) |  |  |
|  | **Final date of death** | 01/01/2020, collected via linked data | 01/01/2020 (new) |  |  |
|  | **EQ5D5L (optional collection)** | 01/01/2020 DD v12 | 01/01/2020 (new) |  |  |

\*\*Approval of specific Aboriginal Health and Medical Research Ethics Committees may be required to obtain this variable. Please contact the ANZHFR Data Custodian.

^^Access to 120-day data will be assessed on a case by case basis due to data quality issues

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| --- |
| Other / Comments |
| Facility-level variables (deidentified by hospital)  Yes  No  *If Yes, please specify variables requested as per Data Dictionary:* |