CRANE Database

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CLEFT REGISTRY & AUDIT NETWORK

CRANE Database – Psychology outcomes data entry

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The CRANE Database system allows the collection of Psychology outcome information for patients registered in the CRANE Database; who have given explicit consent[1] for collection of their outcome data.

1. **Psychology outcome data collection up until September 2020**

Up until the end of September 2020, Psychology outcome information was captured as one set of nine data items:

- As in **Figure 1** (right) – as per the CRANE Data Collection Form on outcomes (Form 2).[2]

- The nine data items included two screening dates, one Tiers of Involvement Measure (TIM) score and six Strengths & Difficulties Questionnaire (SDQ) scores.

Psychology data items became available to complete, in the 'Outcomes at 5 years' section of the CRANE Database, once the child turned 5 years old.

- If these nine data items were not recorded in the 'Outcomes at 5 years' section, a 'Reason outcome not collected' could be completed (as shown, right).

Figure 1. Psychology outcome data collection up until September 2020

5.4. Psychology – all cleft types
Date of 1st face to face psychosocial screen   /   /   (DD / MM / YYYY)
Date of psychosocial screen at age 5   /   /   (DD / MM / YYYY)
TIM score ☐☐ *Tiers of Involvement Measure (TIM) scores take the form of 0a, 0b, 0c, 0d, 0e, 1a, 1b, 2a, 2b, 2c, 3, 4, 5 or 6.*
Parent SDQ Total (0-40) ☐☐
Parent SDQ Emotional (0-10) ☐☐
Parent SDQ Conduct (0-10) ☐☐
Parent SDQ Hyperactivity (0-10) ☐☐
Parent SDQ Peer Problems (0-10) ☐☐
Parent SDQ Prosocial (0-10) ☐☐
Reason outcome not collected ☐ Patient deceased or emigrated ☐ Patient transferred in or out of area ☐ Syndromic Diagnosis ☐ Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____ ☐ Lack of staff/ facilities/ equipment ☐ Patient DNA/ cancelled/ did not consent/ cooperate ☐ Other reason. Details:

2. **Psychology outcome data collection from October 2020**

The CRANE Database system continues to collect the data items (detailed above). This information is now collected in three sections:

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[1] https://www.crane-database.org.uk/resources/information-leaflets-and-parental-consent-forms/
[2] An updated version is available to download online https://www.crane-database.org.uk/resources/crane-data-dictionary/

The first section is available for completion from birth to record the 'date of 1st psychology consultation'.

- This therefore now appears in the 'Outcome at birth' section, rather than 'Outcome at 5 years' section of the CRANE Database.

Figure 2. Psychology data collection from October 2020 – from birth

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- If this data item is not available, a 'Reason outcome not collected' can be completed. Including the new response option 'No consultation before 5 year appointment'. As in **Figure 2** (above) – as per the CRANE Data Collection Form on registration (Form 1).[3]
- **Figure 3** and **Figure 4** show how this appears in the CRANE Database.

Figure 3. Psychology data item collected from birth, in the CRANE Database – from October 2020[4]

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[3] An updated version is available to download online https://www.crane-database.org.uk/resources/crane-data-dictionary/

[4] All images in this document are taken from the Demo System, using test data. No confidential patient information appears in this document.

Figure 4. Reasons outcome not collected – for Psychology data item at birth, in the CRANE Database – from October 2020

Outcome at Birth	Outcome at 1 year	Outcome at 5 years	Outcome at 10 years

Outcome at Birth (consented patients only)

Patient deceased or emigrated
Patient transferred in or out of area
Syndromic Diagnosis
Clinically contraindicated (other than syndromic) - this record type for this patient
Lack of staff / facilities / equipment
Patient DNA / cancelled / did not consent / cooperate
No consultation before 5 year appointment
Other reason

Reason outcome not collected

Clinically contraindicated (other than syndromic) reason - details ❶

Other reason - details ❶

💾 Save

The second section collects the 'date of psychosocial screen using SDQ at age 5' and 6 SDQ scores.

- If these data items are not collected, a 'Reason outcome not collected' can be completed. Including 3 new response options – as listed in **Figure 5** (right). As per the CRANE Data Collection Form on outcomes (Form 2).[5]

The third section collects the 'date of psychosocial screen using TIM at age 5' (which in most cases will be the same as the 'date of psychosocial screen using SDQ at age 5') and the TIM score. As in **Figure 5** (right).

- 'Reason outcome not collected' can be collected as TIM scores 0a to 0e.

- **Figure 6, Figure 7** and **Figure 8** show how this appears in the CRANE Database.

Figure 5. Psychology data collection from October 2020 – at 5 years

5.4. Psychology: SDQ & TIM – all cleft types

Date of psychosocial screen using SDQ at age 5   /   /
(DD / MM / YYYY)

Parent SDQ Total (0-40)   ☐☐
Parent SDQ Emotional (0-10)   ☐☐
Parent SDQ Conduct (0-10)   ☐☐
Parent SDQ Hyperactivity (0-10) ☐☐
Parent SDQ Peer Problems (0-10) ☐☐
Parent SDQ Prosocial (0-10)   ☐☐
Reason outcome not collected
☐ Patient deceased or emigrated   2nd Section
☐ Patient transferred in or out of area
☐ Syndromic Diagnosis
☐ Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____
☐ Lack of staff/ facilities/ equipment
☐ Patient DNA/ cancelled/ did not consent/ cooperate
☐ Other reason. Details: _____
☐ Screen only partially completed *(for Psychology section only)*
☐ Not completed due to language barriers
☐ Parents declined to complete

Date of psychosocial screen using TIM at age 5   /   /
(DD / MM / YYYY)
3rd Section
TIM score   ☐☐
Tiers of Involvement Measure (TIM) scores take the form of 0a, 0b, 0c, 0d, 0e, 1a, 1b, 2a, 2b, 2c, 3, 4, 5 or 6.

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[5] An updated version is available to download online https://www.crane-database.org.uk/resources/crane-data-dictionary/

Figure 6. SDQ Psychology data items collected at 5 years, in the CRANE Database – from October 2020

Figure 7. Reasons outcome not collected – for Psychology data item at 5 years, in the CRANE Database – from October 2020

Figure 8. TIM Psychology data items collected at 5 years, in the CRANE Database – from October 2020

Updated versions of the **CRANE Data Dictionary**, as well as the CRANE Data Collection Forms on registration (Form 1) and outcomes (Form 2), are available to download online https://www.crane-database.org.uk/resources/crane-data-dictionary/

3. Importing Psychology Data

If you use "Import Templates" to upload your data – as per the CRANE Import Guide found online https://www.crane-database.org.uk/resources/quick-reference-for-importing/:

- The current template is still available for use,
- but it will not capture the new reasons outcome not collected (at birth and for the SDQ at 5 years section), or the date of the TIM assessment.

An updated version of the Import Template will follow soon. If you need this urgently, contact us at crane@rcseng.ac.uk

Thank you very much for your work with the CRANE Database project.

If you have any questions about this User Guide, or wish to provide us with any feedback on this document, please contact us on 020 7869 6639 or crane@rcseng.ac.uk.