



**CRANE Database**  
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**CLEFT REGISTRY & AUDIT NETWORK**

## CRANE Database – Psychology outcomes data entry

Prepared by the CRANE Database Project Team

Changes since October 2020

The CRANE Database system allows the collection of Psychology outcome information for patients registered in the CRANE Database; who have given explicit consent<sup>1</sup> 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).<sup>2</sup>
- 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 1 <sup>st</sup> face to face psychosocial screen	/ / (DD / MM / YYYY)
Date of psychosocial screen at age 5	/ / (DD / MM / YYYY)
TIM score	<input type="checkbox"/> <input type="checkbox"/>
<i>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.</i>	
Parent SDQ Total (0-40)	<input type="checkbox"/> <input type="checkbox"/>
Parent SDQ Emotional (0-10)	<input type="checkbox"/> <input type="checkbox"/>
Parent SDQ Conduct (0-10)	<input type="checkbox"/> <input type="checkbox"/>
Parent SDQ Hyperactivity (0-10)	<input type="checkbox"/> <input type="checkbox"/>
Parent SDQ Peer Problems (0-10)	<input type="checkbox"/> <input type="checkbox"/>
Parent SDQ Prosocial (0-10)	<input type="checkbox"/> <input type="checkbox"/>
<b>Reason outcome not collected</b>	
<input type="checkbox"/> Patient deceased or emigrated	
<input type="checkbox"/> Patient transferred in or out of area	
<input type="checkbox"/> Syndromic Diagnosis	
<input type="checkbox"/> Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____	
<input type="checkbox"/> Lack of staff/ facilities/ equipment	
<input type="checkbox"/> Patient DNA/ cancelled/ did not consent/ cooperate	
<input type="checkbox"/> 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:

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

<sup>1</sup> <https://www.crane-database.org.uk/resources/information-leaflets-and-parental-consent-forms/>

<sup>2</sup> An updated version is available to download online <https://www.crane-database.org.uk/resources/crane-data-dictionary/>

This now appears in the ‘Outcome at birth’ (rather than ‘Outcome at 5 years’) section of the Database.

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

4.1. Outcomes at birth	
Child Growth – all cleft types	Psychology – all cleft types
Gestational age <input type="text"/> <input type="text"/> (weeks) Weight at birth <input type="text"/> . <input type="text"/> <input type="text"/> (kg) (Do NOT adjust for gestational age) Date weight at birth record taken / / (DD / MM / YYYY) <b>Reason outcome not collected</b> <input type="checkbox"/> Patient deceased or emigrated <input type="checkbox"/> Patient transferred in or out of area <input type="checkbox"/> Syndromic Diagnosis <input type="checkbox"/> Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____ <input type="checkbox"/> Lack of staff/ facilities/ equipment <input type="checkbox"/> Patient DNA/ cancelled/ did not consent/ cooperate <input type="checkbox"/> Other reason. Details: _____	Date of 1st psychology consultation / / (DD / MM / YYYY) <b>Reason outcome not collected 1<sup>st</sup> Section</b> <input type="checkbox"/> Patient deceased or emigrated <input type="checkbox"/> Patient transferred in or out of area <input type="checkbox"/> Syndromic Diagnosis <input type="checkbox"/> Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____ <input type="checkbox"/> Lack of staff/ facilities/ equipment <input type="checkbox"/> Patient DNA/ cancelled/ did not consent/ cooperate <input type="checkbox"/> Other reason. Details: _____ <input type="checkbox"/> No consultation before 5 year appointment (for Psychology section only)

- 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).<sup>3</sup>
- **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<sup>4</sup>**

**174 - Johnson Evan**  
 Date of birth: 2011 (Age: 9 years)  
 Consent status: Patient has given written confirmed consent  
 Submucous: Not entered  
 Cleft type: Unilateral cleft lip and palate (UCLP) [...hsal]  
 Patient's NHS number: 943-476-7091  
 Administrative unit name: Belfast  
 Administrative unit number: 100077  
 Confirmed syndromic diagnosis: Yes, named

Information and other warnings

CONSENT PATIENT DETAILS CLEFT DETAILS SURGICAL PROCEDURES SYNDROMES **OUTCOMES** NOTES HISTORY

Outcomes

Outcome information is collected according to age of patients and cleft type: All Outcomes

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

Outcome at Birth (consented patients only)

Child Growth **Psychology**

Psychology

Date of 1st psychology consultation

dd/mm/yyyy

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

<sup>4</sup> 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**

Reasons Outcomes Not Collected	
Reason outcome not collected	<input type="text"/>
Clinically contraindicated (other than syndromic) reason - details	<input type="text"/>
Other reason - details	<input type="text"/>

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

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 (below). As per the CRANE Data Collection Form on Outcomes (Form 2).<sup>5</sup>

**Figure 5. SDQ data collection from October 2020, until 2024.**

Date of psychosocial screen using Strengths and Difficulties Questionnaire (SDQ) at age 5		SDQ Reason outcome not collected	
	/ / (DD / MM / YYYY)	<input type="checkbox"/>	Patient deceased or emigrated
Parent SDQ Total (0-40)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Patient transferred in or out of area
Parent SDQ Emotional (0-10)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Syndromic Diagnosis
Parent SDQ Conduct (0-10)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Clinically contraindicated (other than syndromic) – this record type for this patient. Reason details: _____
Parent SDQ Hyperactivity (0-10)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Lack of staff/ facilities/ equipment
Parent SDQ Peer Problems (0-10)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Patient DNA/ cancelled/ did not consent/ cooperate
Parent SDQ Prosocial (0-10)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Screen only partially completed (for Psychology only)
<b>Note: CRANE will collect SDQ scores for children born up to 31 December 2017 only. SDQ will no longer be collected for births from 1 January 2018.</b>		<input type="checkbox"/>	Not completed due to language barriers (for Psychology only)
		<input type="checkbox"/>	Parents declined to complete (for Psychology only)
		<input type="checkbox"/>	Other reason. Details: _____

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). From December 2023:

- ‘Patient not seen by Psychologist’ can still be collected as TIM scores 0a to 0e.
- ‘Psychological input needed’ scores, previously collected as 1a and 1b, are now collected as scores of 1.
- ‘Psychological input provided during the clinic’, previously collected as scores of 2a, 2b and 2c, are now collected as scores of 2.
- TIM scores of 3 to 6 continue to be collected as previously.
- Note: The psychology CEN has requested that we cease the collection of SDQ scores for children born after 31 December 2017.

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

If TIM data are not collected, a ‘Reason outcome not collected’ can be completed (since December 2023). Including the same 3 bespoke response options as available for the SDQ listed in **Figure 5**. As per the CRANE Data Collection Form on Outcomes (Form 2).<sup>6</sup>

**Figure 6** shows how the second and third sections of Psychology data collection appears in the CRANE Database.

**Figure 6. SDQ Psychology and TIM Psychology data items collected at 5 years, across two separate tabs, in the CRANE Database – from October 2020**

The screenshot shows the 'OUTCOMES' tab in the CRANE Database. The 'Outcome at 5 years' section is active, and the '4a. Psychology SDQ' and '4b. Psychology TIM' items are highlighted with a red box. Below the highlighted items are input fields for 'Date of psychosocial screen using SDQ at age 5', 'Parent SDQ Total [0-40]', 'Parent SDQ Emotional [0-10]', and 'Parent SDQ Conduct [0-10]'.

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](mailto: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 6610 or [crane@rcseng.ac.uk](mailto:crane@rcseng.ac.uk).

<sup>6</sup> An updated version is available to download online <https://www.crane-database.org.uk/resources/crane-data-dictionary/>