

Minutes – Clinical Design Group Online Meeting 7

Meeting Details	
Date	15 October 2024
Time	2:00pm – 4:00pm AEDT
Location	<input checked="" type="checkbox"/> Virtual

Meeting Overview	
Agenda Items	<ol style="list-style-type: none"> 1. Welcome and Acknowledgement of Country 2. AU eReqDI R1 Update 3. AUCDI R2 <ol style="list-style-type: none"> a. Introduction b. Patient Summary c. Update from September CDG d. Patient Summary Proposed Updates e. Data Model Discussion 4. Wrap Up and Close

Discussion Summary	
Welcome and Acknowledgement of Country	<p><i>Welcome</i></p> <ul style="list-style-type: none"> • Group welcomed • Acknowledgement of Country • Agenda Summary • New email address – Sparked@csiro.au
AUeReqDI R1 Update	<p><i>Update</i></p> <ul style="list-style-type: none"> • The CDG was presented with an AUeReqDI R1 community review report • Aiming to publish R1 at the end of October
AUCDI R2	<p><i>Introduction</i></p> <ul style="list-style-type: none"> • The scope drivers for AUCDI R2 are patient summary, chronic disease management, and reason for encounter • The scope drivers will be worked through iteratively, allowing for smaller, more focused feedback periods • Patient summary out for public review in November, which will be open for six weeks, and chronic disease management component out for review in March. <p><i>Patient Summary & CDG Recap</i></p> <ul style="list-style-type: none"> • Updates to AUCDI to support AU Patient Summary for top 8 identified data groups from CDG F2F – adverse reaction risk, problem/diagnosis, problem diagnosis (past history of

	<p>illness), procedure completed, vaccination administered, medication statement, sex and gender, pregnancy</p> <ul style="list-style-type: none"> • F2F CDG workshopped AUCDI R2 and its scope drivers, and eRequesting national terminology <ul style="list-style-type: none"> ○ Activities and outcomes from CDG F2F are available on the Sparked website
<p>AUCDI R2 Patient Summary Proposed Changes – No change</p>	<p><i>‘No change’ overview</i></p> <ul style="list-style-type: none"> • It is proposed that the procedure completed event, vaccination administered, medication use statement, and sex and gender summary data groups and their respective data elements can be included in AUCDI R2 Patient Summary, without change, as they are included in AUCDI R1 <p><i>Group Discussion</i></p> <ul style="list-style-type: none"> • At this stage, there is no ‘procedure type’ data element included in AUCDI R2 Patient Summary however, there is ‘procedure name’ • The medication use data element is used as a simple snapshot of what a patient is currently taking • Sex assigned at birth will not change however, gender identity and pronouns can be dynamic and are able to be modified as necessary • The medication use statement data model is used for each medication that the patient is on. Risk management and medication interaction regarding current medications being taken fits within the implementation guide. A data element to represent the start date for medication is in the backlog. • The TDG is addressing requirements to ensure information will be exchanged with Medicare, including sex and gender information • The procedure completed data model is the clinical representation of a procedure and is not addressing billing requirements as this is out of scope • Representing no known data (e.g. medication, allergies) will be determined within the implementation guide which sits with the TDG <p><u>Majority voted to progress with these four data groups as the foundation for patient summary as published in AUCDI R1</u></p>
<p>AUCDI R2 Patient Summary Proposed Changes – ‘Enhancements’</p>	<p><i>‘Enhancements’ overview</i></p> <ul style="list-style-type: none"> • It is proposed that the adverse reaction risk summary and the problem/diagnosis summary data groups include additional data elements to what is published in AUCDI R1, for AUCDI R2 Patient Summary <p><i>Adverse Reaction Risk</i></p> <ul style="list-style-type: none"> • Adverse reaction risk summary includes additions of onset of first reaction and severity of reaction.

	<p><i>Group Discussion</i></p> <ul style="list-style-type: none"> • This data group covers the broadest range of substances to include • The manifestation data element includes information regarding the signs that were evident that happened because of the exposure • SNOMED is used as the basis for the severity of reaction and if this data element required additional values there is a non-breaking change that can be incorporated • Representing the misidentification of a substance to cause an adverse reaction is in the backlog <p><u>Majority voted to agree with the presented proposal for the adverse risk reaction data group</u></p> <p><i>‘Problem/Diagnosis Summary’ overview</i></p> <ul style="list-style-type: none"> • Problem/Diagnosis Summary includes additions of date/time of onset and date/time of resolution <p><i>Group Discussion</i></p> <ul style="list-style-type: none"> • Under date/time of onset there is an inclusion of date/time clinically recognised in the backlog • The date/time of onset data element allows for an age and/or period of time of onset as its uncommon to have an absolute start date <p><u>Majority voted to agree with the presented proposal for the problem/diagnosis summary data group</u></p>
<p>AUCDI R2 Patient Summary Proposed Changes – ‘New Data Groups’</p>	<p><i>‘New data groups’ overview</i></p> <ul style="list-style-type: none"> • It is proposed to add new data groups, last menstrual period (LMP), estimated date of delivery (EDD), menstruation summary, and pregnancy assertion, to AUCDI R2 Patient Summary <p><i>Last Menstrual Period (LMP)</i></p> <ul style="list-style-type: none"> • The proposed data elements for LMP include date of onset, certainty and date of assertion <p><i>Group Discussion</i></p> <ul style="list-style-type: none"> • The provenance of information (e.g. self-reported, clinical assertion) is defined for implementation with the TDG <p><u>Majority voted to agree with the proposed addition of the last menstrual period data group within AUCDI R2 Patient Summary</u></p> <p><i>Estimated Date of Delivery (EDD)</i></p> <ul style="list-style-type: none"> • The proposed data elements for EDD include EDD by cycle, by ultrasound, date of ultrasound, gestation by scan, EDD by ultrasound, and last updated <p><i>Group Discussion</i></p> <ul style="list-style-type: none"> • The EDD will be removed from the patient record after the child is delivered or in the case of early pregnancy loss

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- In the case of a scheduled caesarean section, the EDD can help to inform the date of this procedure
 - A suggestion was provided to include natural delivery v. planned delivery to accommodate scheduled caesareans. Inclusion of a misuse section to outline that this is not to record the planned date and is an estimation based on clinical parameters may be beneficial

Majority voted to agree with the proposed addition of the estimated date of delivery data group within AUCDI R2 Patient Summary

Menstruation Summary

- The proposed data elements for menstrual summary include menstrual status and last updated

Group Discussion

- It was suggested to keep this information constrained to periods and add an addition element to record reproductive hormonal status
- Further definition within the data element about those forced into early menopause (e.g. breast cancer) is needed

Majority chose to abstain from voting on the proposed addition of the menstruation summary data group within AUCDI R2 Patient Summary

Further work required to understand the requirements and use of this summary.

Pregnancy Assertion

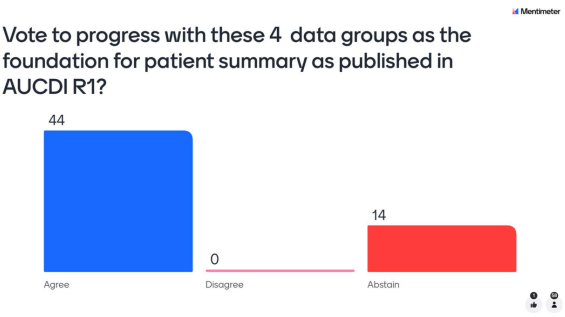
- The proposed data elements for pregnancy assertion include pregnancy assertion (pregnancy confirmed/pregnancy excluded), justification and date of assertion

Group Discussion

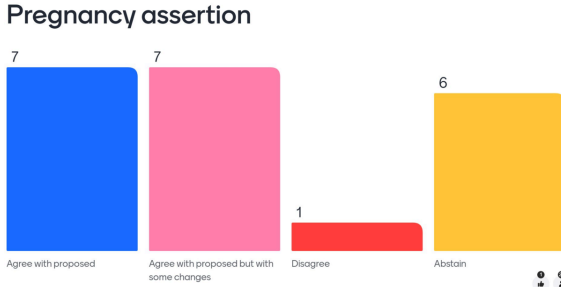
- If unable to ask or check the patient's pregnancy status it is a null assertion
 - If unable to check pregnancy status, the working hypothesis of 'pregnant until proven otherwise' is adopted
 - To explain the context of the assertion a background description can be added to detail patient notes
 - Some clinicians may find this challenging to assert in its current state with the 'no' and 'excluded' fields
 - More discussion around pregnancy excluded is required
 - If a patient presents and appears pregnant (enlarged abdomen/positive pregnancy test), their pregnancy status can be updated later with a new assertion separate to the assertion made on the initial consult
 - Pregnancy assertion is only relevant at the specific point in time in which it is recorded
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	<ul style="list-style-type: none"> Suggestion for wording to be ‘confirmed pregnant’ as the patient’s status rather than pregnancy which signifies a long-running event <p><u>There was no majority vote outcome on the proposed addition of the pregnancy assertion data group within the AUCDI R2 Patient Summary. After discussion and revote, the majority voted to agree or agree with changes.</u></p> <p>The main change requested by the CDG to what was proposed was changing the terminology used to “pregnant” rather than “pregnancy”</p>
Next Steps and Upcoming Dates	<p><i>Upcoming Events and News</i></p> <ul style="list-style-type: none"> AUeReqDI Release 1 due to be published at the end of October 6 November Sparked 1-day roundtable – FHIRing up Interoperability in WA 20 November CDG F2F meeting in Melbourne

Actions			
ID	Description	Responsible	Due
20241015-1	Update contact for Sparked from FHIR@csiro.au to Sparked@csiro.au	All CDG Members	N/A
20241015-2	Email through any comments or changes you suggest to any data groups voted upon in today’s CDG meeting	All CDG Members	19/11/2024
20241015-3	Speak to Australian menstrual experts to get their opinion and feedback on new data group, menstrual summary	Oliver Frank, Sparked Team	19/11/2024

Decision Log										
It was proposed that the procedure completed event, vaccination administered, medication use statement, and sex and gender summary data groups and their respective data elements will be included in AUCDI R2 Patient Summary, without change, as they are included in AUCDI R1.	Majority voted to progress with these 4 data groups as the foundation for patient summary as published in AUCDI R1	<p>Vote to progress with these 4 data groups as the foundation for patient summary as published in AUCDI R1?</p>  <table border="1"> <caption>Vote Results</caption> <thead> <tr> <th>Response</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Agree</td> <td>44</td> </tr> <tr> <td>Disagree</td> <td>0</td> </tr> <tr> <td>Abstain</td> <td>14</td> </tr> </tbody> </table>	Response	Count	Agree	44	Disagree	0	Abstain	14
Response	Count									
Agree	44									
Disagree	0									
Abstain	14									

<p>It was proposed that the adverse risk reaction summary for AUCDI R2 Patient Summary includes the data elements from AUCCDI R1 with additions of onset of first reaction and severity of reaction data elements.</p>	<p>Majority voted to agree with the presented proposal for the adverse risk reaction data group.</p>	<p>Adverse reaction risk summary</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Agree with proposed</td> <td>31</td> </tr> <tr> <td>Minor changes</td> <td>3</td> </tr> <tr> <td>Disagree</td> <td>0</td> </tr> <tr> <td>Abstain</td> <td>17</td> </tr> </tbody> </table>	Response	Count	Agree with proposed	31	Minor changes	3	Disagree	0	Abstain	17
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<p>It is proposed to add new data group, last menstrual period (LMP), to AUCDI R2 Patient Summary.</p>	<p>Majority voted to agree with the proposed addition of the last menstrual period data group within AUCDI R2 Patient Summary.</p>	<p>Last menstrual period</p> <table border="1"> <thead> <tr> <th>Response</th> <th>Count</th> </tr> </thead> <tbody> <tr> <td>Agree with proposed</td> <td>26</td> </tr> <tr> <td>Minor changes</td> <td>1</td> </tr> <tr> <td>Disagree</td> <td>0</td> </tr> <tr> <td>Abstain</td> <td>10</td> </tr> </tbody> </table>	Response	Count	Agree with proposed	26	Minor changes	1	Disagree	0	Abstain	10
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Abstain	8											
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Response	Count											
Agree with proposed	7											
Agree with proposed but with some changes	7											
Disagree	1											
Abstain	6											

Attendees	
1. Madison Black	2. Klyynn Loi
3. Heather Leslie	4. Olivia Carter
5. Chris Moy	6. Shelley Behen
7. Michael Osborne	8. Tor Bendle
9. Danielle Tavares-Rixon	10. Jing Jin
11. Andy Bond	12. Lana Briers
13. Jeffrey Chen	14. Alvin Lai
15. Susan Sheehan	16. Aleksandar Stojkovski
17. Natalie Turner	18. Heath Miller
19. Louise Jackson	20. Maxwell Holmes
21. Alan Soewargo	22. Desleigh Smith
23. Oliver Frank	24. Murray
25. Sinclair Hughes	26. Kimberley Hilton
27. Carey Campbell	28. Christy Sieler
29. Shar O’Dea	30. Avantika Sharma
31. Dianne Brown	32. Victoria Fitzgerald
33. David Wiebe	34. Michelle Dobie
35. Shelley Thomson	36. Natasha Millerd-Stevens
37. Stephen Chu	38. Dusica Bojicic
39. Francis Lee	40. Andrew Donald
41. Paul Frostdick	42. Min Anne Tan
43. Sanjeed Quaiyumi	44. Sari McKinnon
45. Jaymee Murdoch	46. Maybelle Auw
47. Jordan Tapusoa	48. Rosemary Velardo
49. Kiran Matta	50. Chaturica Athukorala

51. Jackie O'Connor	52. Liang Wang
53. Natasha Radcliffe	54. Andrew Matthews
55. Paris Majot	56. Liam Rivett
57. Owen Katalinic	58. Stuart Hanson
59. Lily Shao	60. Liz Keen
61. Kathleen Rogers	62. Kevin Zheng
63. Bonnie Smith	64. Joanne Sippel
65. Nicholas Ferris	66. Lyle Turner
67. Bojan Pijetlovic	68. Melissa Holmes
69. Sally Rees	70. Iurie Brinister
71. Karine Miller	72. Todd Miller
73. Suki Loe	74. Darius Wey
75. Joel Tuccia	76. Kambiz Bahaadinbeigy
77. Michael Hosking	78. Kim Drever
79. Reg Cowie	80. Suraj Kandel
81. Lisa	82. Josh Hare
83. David Evans	84. Riley Bartholemew
85. Deborah Wise	