

Name	Healthcare NPC Advisory Group (HCNPCAG) – 2Q 2023 meeting
Purpose	NPC Advisory Group for Healthcare Industry

Meeting details:

Date	Time	Location
18 May 2023	1:30PM – 3:30PM	Remote dial-in
Co-Chair	Co-chair position open Co-chair position open	
GS1 facilitation	Deborah Prince, Senior Manager, Service Relationships & Enablement Emily Thuan, Analyst, Supplier Enablement	
NPC Technical lead	Ramesh Rayer, Technical Manager – Services Technical Support, GS1 Australia	
Attendees & Apologies	Refer later in minutes	

Meeting minutes:

<p>Meeting chaired by Deb Prince</p> <p>Welcome, introductions and apologies – Attendees/Apologies (refer later in this document)</p> <p>Peter Wilson – stepped down from position of Co-chair.</p> <p>GS1 Australia Trade Practices Compliance notice – Referred to each meeting, accessible on HCNPCAG HUB (Link)</p> <p>Review of Action Items</p> <p>4.1 - Suggestions on what else GS1 or HCNPCAG can do to help drive the Data Quality improvement within NPC. Decision to consider a focus group. Poll was taken to receive interest from the group. Action: GS1 to review poll results and create focus group if supported.</p> <p>5.3 - Explore options to show a catalogue has had a full review as part of the DQI reporting (Is this an Industry wide 'Ready' status?) (Refer Dataset review feedback). To be reviewed as part of DQI reports</p> <p>5.4 - Explore how to signify where a catalogue has been reviewed by another recipient (Is this an Industry 'Live' status?) (Refer Dataset review feedback). To be reviewed as part of DQI reports</p> <p>7.3 - Allowing for the new dataset to stabilize and be implemented, complete a review/assessment of what data is actually being used and HCNPCAG to then decide whether any attributes can be removed from the sector requirements. Update provided by Deb. We have taken onboard groups suggestions and are discussing internally what would be the most appropriate approach to a Dataset review. Open</p> <p>8.1 - New Attribute for 'Volume' raised by Ian Boyle from Queensland Health. NPC team to investigate options for automatically calculating Volume by using data already provided or option for additional attribute (if not able to be calculated). Feedback from</p>

QLD health advised that current attributes around dimensions was enough to calculate volume.
Action to be closed (May 2023)

8.2 - Detailed actions from 'Reimagining NPC for Healthcare' to be reported at each meeting via project summary update and reporting on specific items. Individual owners of deliverables will report where needed on progress. Murray Robb, Ramesh Rayer and Deb Prince presented on all the actions and will aim to provide a more visual presentation with Demonstrations of the various solutions.

System Load –

- NPC Xpress and spreadsheet on hold as not a high priority for the sector
- Dynamic UI – delivered – further coms to suppliers to follow.
- XML Implementation Options – delivered – document ready to be shared when suppliers approach GS1 requesting xml implementation options.
- Preliminary Item – allows a supplier to nominate a new item as a preliminary record, populating only the attributes with known and confirmed values.
- Distributor Data Model – Allows distributor to publish a thin record; sponsor/ brand owner to publish and maintain full item record.
 - Take to Market: CPPs to be part of the rollout for suppliers; Recipients on the call have agreed to receive distributor records so will need to be ready to receive both distributor and sponsor records for a single GTIN; distributors – GS1 will work with distributors and their supplier communities to get sponsor records on NPC published to recipients where there are distributors who would like to use the solution

System Receiving –

- Improvement of interface requirements have been submitted.
- Recipient documentation draft in the process of being completed.
- Tender spreadsheet – New download option within NPC publisher containing single worksheet with all required attributes common to most healthcare tenders.

Data Quality –

- Remove incorrect value for UNSPSC and ARTGID – to be rectified via the DQ insights process rather than purging this data.
- Recipient side validation – to be managed through DQ reporting.
- Adding ARTGID and PBS to DQ – new validation rule to DQI tool to check validity of ARTGID; PBS – need access to code list to build validation rule (WIP)
- Purging 999 dimensions and weights - being managed through the DQ team. GS1 will work with recipients to assist in addressing with suppliers.

There was a question as to if the preliminary items would be loaded into the HIDL. There was a similar question asked about the Distributor only (thin record) flagged items. GS2 ran a poll to gauge interest from the group on participating in a pilot of the Distributor Model. **Actions:**

- 1) provide Demonstrations of the solutions being delivered at the next AG.
- 2) GS1 to discuss if items flagged as preliminary will be allowed into the HIDL.
- 3) GS1 to discuss if items flagged as distributor only will be allowed into the HIDL.

4) GS1 to follow up poll results looking for Recipients and Distributors to pilot the distributor model.

8.3 - Review of UNSPSC to ensure a. version 19 is still appropriate; b. look at how GS1 could provide more tools to support suppliers in mapping codes; and c. ensure clear communication regarding how recipients use/wish to use UNSPSC classification to support their processes (supply chain surety, catalogue groupings etc..). An update was provided by Ramesh Rayer when deployed (August 2023) suppliers can use version 19 and version 25 – see slides for details. **Action Sub-group closed. (May 2023)**

9.1 - Nominations for Co-Chair are open following resignation of Elizabeth Donohue at the ADHA. Contact Deb Prince for further information or to share nomination. The group was provided a link via QR code to enable nominations.

9.3 – Distributor Model Sub Group – formed to review and develop proposal for any changes to the data model to better support the sponsor versus distributor ownership of data. Action Sub-group closed. (May 2023)

9.4 – Interim Load Sub Group – formed to review and develop proposal for any changes to the data model to enable a potential interim and full product record Action Sub-group closed. (May 2023)

9.5 – API Interest Group – formed to discuss the application of API as part of enabling greater access to NPC data and therefore improved/wider use. Action Sub-group closed. (May 2023)

9.6 – Tendering Process Sub Group – formed to review and develop proposal for how to get greater utilization of data from the NPC within the tendering process. Addressing the need to recreate data in different formats, adding more value to the NPC data for suppliers and removing the inconsistency of data where the tendering data is totally different to product master data in the NPC. Action Sub-group closed. (May 2023)

9.7 – Supplier forum to be set up to allow for discussion of issues specific to Suppliers providing data within the NPC. Agreed to be set up once the Data lake is launched. No update

9.8 – Clearer communication on recipient use of data. Exploration to be undertaken to share more information around how recipients are using the NPC data (overall and specific attributes) in order to help ensure understanding within the supplier community.

10.1 - GS1 to investigate Data Quality Reports and actions to drive DQ improvement – specific issues raise regarding Prosthesis Rebate Codes and their being out of date

10.2 – Nominations for Co-Chair are open following resignation of Peter Wilson at Uniting Care Health. Provide nomination via link provided or contact Cath Koetz for details.

10.3 – Consider a review of dangerous goods requirements in the Healthcare AU NPC dataset. Presentation by Stanley So (HealthShare Victoria) outlining the HSV data requirements and the importance of this information being accurate and available. The attributes are available in the NPC already but non-mandatory. There was a question if the Dangerous goods attributes are aligned with the NPC and requirements in New Zealand. **Action GS1 to investigate if the attributes require update for AU market from the NZ market?**

Regular Updates

Data Quality – Presented by Sascha Timoschenko– see slides for detail.

GDSN statistics – Presented by Ramesh Rayer– see slides for detail.

NPC statistics – Presented by Ramesh Rayer – see slides for detail.

Data Quality Improvement progress – Presented by Emily Thuan– see slides for detail.

- Emily ran a poll of the group asking, “Have you used this report before to address your data quality challenges” Please see the attached document containing the results. Emily then went on to provide an overview of the data quality program including the Data Quality tool. On the back of this work the group was invited to join a new Data Quality Focus Group to further improve the data available for the Healthcare Industry. The group will initially cover the Data Quality report, validation rules, key metrics to calculate the DQ score and improvement action plans.
- Emily provided a poll to ask, “Would you like to be a part of the new Data Quality Focus Group?”

AMT CTPP/GTIN project update - Presented by Ramesh Rayer – see slides for detail.

6104 NPC records have a valid Amt-CTPP code (increase of 1%, 32 NPC records have a deprecated code, 274 NPC records contain an invalid code and 3777 NPC records are probable to require a code but do not have it populated.

Recipient Program Updates

Additional Topics

A new section of the meeting called Topics Raised by Members” was introduced

- Presentation from Stanly So (HealthShare Victoria) on the Dangerous goods data requirements for HSV suppliers and the relevant dangerous goods attributes in the NPC. See slides for details.
- POLL: Do the HCNPCAG need alignment from the sector focus on the topic of HSV’s Dangerous goods data requirements for next AG? **Action: GS1 to share poll results and add this topic to the next meeting’s Agenda if the results warrant it.**
- Potential for review of dangerous goods requirements in the Healthcare AU dataset – currently onus is on suppliers to publish.

HIDL update

- Keith Lai provided a technical update on the HIDL including. The solution has been deployed into the Beta environment. Plan to deploy into production by 22nd May 2023 with API/XML/JSON connection options.

HIDL Take to Market

- Deb Prince provided an update on the proposed take to market of the HIDL. GS1 decided on the approach of sending out EDM’s (3 in total) to the community. This provided the opportunity to be an early adopter (opt-in) or to not participate (opt-out). The communication outlines that if a response is not received, we will move to publish on behalf of that supplier on the 1st July. More statistics are available in the slides.
- GS1 is looking for support from the group to encourage participation in the HIDL (thank you to those that already are supporting). The message is to be an early adopter to access the potential benefits of publishing to the HIDL.

HIDL use cases

- Long Lam of HealthShare Victoria presented on how they are using the NPC data currently (management of contracted Items and formal engagements) and how the HIDL will open up the scope to use data for generating awareness of what products are available, options for analytics on alternatives, options, new markets and engagement through the efficiency of information exchange. Long went on to explain that data can be mapped from the HIDL (GTIN) and AMT-CTPP codes, available in the Digital Health Database, using the ARTGID as the common reference. See slides for more detail.

<ul style="list-style-type: none"> • Kamlesh also of HealthShare Victoria presented on the importance of being able to see more available items to assist with tendering and sourcing alternatives. Kamlesh asked suppliers to publish all items including non-contracted. Hoping to create a direct Machine to Machine connection but the business case is not there due to the lack of data coverage available from suppliers. Users will also have the option for ad-hoc downloads. • Paul Davies and Matthew Senz of QLD Health presented on how they are accessing the HIDL data in the Beta environment via a Machine-to-Machine connection. The main drive at QLD Health is to support the data quality program by having accurate complete and validated data that can reduce transactional costs. It is key that the end users are getting what they want and that it can provide a foundational data set for the entire QLD Health organisation be it supply chain, clinical, procurement etc. please see slides for more detail. <p>PBS Validation</p> <ul style="list-style-type: none"> • A request was made to investigate PBS validation: Query Online PBS (https://data.pbs.gov.au/data-distribution/data-distribution.html) to validate PBS codes. As potentially they store listings based on AMT CTPP. Action GS1 to review list of PBS codes provided by Long and present findings. <p>Please email the Healthcare team if you have any new topics you would like to raise.</p>
<p>Any other business/Topics –</p> <ul style="list-style-type: none"> •
<p>Confirmation of actions and next steps Deb Prince Confirmation of next meeting dates TBC</p>

Next HCNPCAG meeting

Date & Time	TBC
Location	Remote dial-in (Note: new invitation to be provided)
Organiser	Nigel Fuller
Co-Chairs	TBC

Actions Log:

	Action Items	Owner	Deadline	Status
1.1	Terms of Reference to be updated with feedback from Kick Off meeting & distributed to HCNPCAG members for review and approval at commencement of Meeting 1 2020.	Gary Russon (GS1)/ALL	Closed	Approved, Item closed 19 February 2020
1.2	Call for Co-Chair Nominations from HCNPCAG group members in accordance with Terms of Reference.	Gary Russon (GS1)/ALL	Closed	Rob Setina (HPV) and Elizabeth Donohoo (ADHA) confirmed as co-chairs 17 th June 2020
1.3	Detailed NPC statistics to be provided for reference at all future HCNPCAG meetings	Sascha Timoshanko (GS1)	Closed	This is to be closed as an action item and be included as part of the standing agenda for the AG meetings
1.4	Healthcare Data set & Use Case Review by industry	Cath Koetz & Murray Robb (GS1)	Closed – refer to Action 3.5	Discussion at meeting on 26 th August to launch after delays.
1.5	Enhancement requests for NPC platform and Data Quality Improvement reports	Justin Middleton & Murray Robb (GS1)/All	Closed	This will be closed as an action and be included as a part of the standing agenda of the AG meetings
1.6	Nominations for additional industry representation (in line with Terms of Reference)	GS1/ALL	Closed	Additional nominations open at any time This will be closed as an action and be included as a part of the standing agenda of the AG meetings
1.7	Meeting requests including Zoom dial in details to be sent to HCNPCAG group members for all 2020 meetings	GS1	closed	2020 meetings have all been set and invitations sent.
2.1	<i>Executive level 'Value proposition'</i> Document for use within executive level discussions within suppliers providing 'talking points' to assist with understanding the value of the NPC	Mark Blitenthall/Emma Morrison/Cath Koetz (GS1)	Closed	Updated Value Propositions inclusive of feedback have been finalized and are now available as PDF and as webpages for recipients and suppliers https://www.gs1au.org/for-your-industry/healthcare/npc-in-healthcare/standardised-product-data
2.2	Recipients to share details of their programs on an ongoing basis to the AG (within Recipient updates) and aim to communicate this within their own programs.	Recipients (ALL)	Closed	This will be closed as an action and be included as a part of the standing agenda of the AG meetings
2.3	Further discussion in future meetings to ensure that required NPC statistics are available across all active Recipients to further detail the utilisation of NPC data.	GS1 staff Recipients (ALL)	closed	No additional feedback provided, closing item as an action and can revisit in future as needed
3.1	GHS (Global Harmonised System) as possible NPC attribute for Dangerous & Hazardous Goods classification and reporting	AG members to advise within dataset review	Closed	Agreement to add to the NPC Dataset as optional for all products, Closed Feb 2021
3.2	Creation of ADHA driven AMT-CTPP – GTIN paper, outlining data linkage initiative and industry support. Also call for ideas supporting other digital or meds management initiatives/policies, calls for ideas – note.	Pan Teng (ADHA) Cath Koetz/Murray Robb (GS1)	Closed – refer 7.1	Pan to seek assistance to craft statement on AMT-CTPP – GTIN initiative. Cath & Murray to look at mechanisms to support process from GS1 side
3.3	Understanding UNSPSC selection process for suppliers, specifically any barriers in fulfilling populating current code set values for products and publishing to NPC.	Murray Robb (GS1)	Closed	Closed post May 11 2022 meeting due to limited detail. Can be reopened if required in future with a new action.
4.1	GS1 seeks the suggestions from the group regarding suggestions on what else GS1 or this group can do to help drive the Data Quality improvement within NPC.	GS1/ALL	Recurring	Ongoing and linked to broader improvement discussions.

4.2	All HCNPCAG members invited to actively participate in the Dataset Review process	GS1/ALL	Closed	Completed and participation from representatives across the sector very good (refer Nov 2020 meeting) Agreement to close 3 rd June 2021
5.1	Finalisation of the Healthcare Dataset ready for implementation including new or amended fields	Murray Robb - GS1	Closed	Closed as review has been finalized, but a new action added as 7.2 to allow for reporting on any outstanding items that need to be implemented.
5.2	Improvement to user documentation for the healthcare sector including the development of new tools to assist all users where needed/possible (refer Dataset review feedback)	Murray Robb/Deborah Prince - GS1	Closed	Included as a part of the various deliverables deliverables within the Reimagining project
5.3	Explore options to show a catalogue has had a full review as part of the DQI reporting (Is this an Industry wide 'Ready' status?) (refer Dataset review feedback)	Ramesh Rayer - GS1	Open	To be reviewed as part of review of DQI reports
5.4	Explore how to signify where a catalogue has been reviewed by another recipient (Is this an Industry 'Live' status?) (refer Dataset review feedback)	Ramesh Rayer - GS1	Open	To be reviewed as part of review of DQI reports
5.5	Investigate the possibility of an 'Interim load' of data (refer Dataset review feedback)	Murray Robb - GS1	Closed	Included in Reimagining project deliverables - Working group has been formed to explore this requirement
5.6	Ongoing process improvement (refer Dataset review feedback)	GS1/ALL	Closed	Closed as agreed Sept 2021 as this is a core element of the HCNPCAG versus a single action item
6.1	Co-Chair nominations to be sent to group	Cath Koetz - GS1	Propose to close Dec 2021	Nominations sent and new Co-chair appointed
6.2	Project plan and 'dashboard' progress reporting related to the updated dataset (visibility of deliverables, timelines and where hold-ups are being experienced)	Murray Robb - GS1	Closed	New dataset launched and implemented, dash board provided for updates to HCNPCAG. Any carry over items should be added as individual items
6.3	Value proposition AMT-CTPP to be revisited / refined	Pan Teng ADHA / Cath Koetz GS1	Closed	Action amalgamated into 7.1
6.4	Arrange a practical demonstration for AMT-CTPP initiatives in action. Overview plus diagrams of data flows.	Pan Teng ADHA / Cath Koetz GS1	Closed	Action amalgamated into 7.1
6.5	Coordination of deep dive workshops separately for recipient and supplier NPC users to further investigate usage concerns	Cath Koetz / Mark Blitenthal	Closed	External workshops held 17 th & 19 th August
6.6	Improving visibility - NPC Recipient outreach to enhance visibility of recipient information that can be accessed via GS1 and Recipient websites (data usage, requirements, programs, contacts etc.)	Cath Koetz- GS1	Closed	New Australian Healthcare Recipient webpage created by GS1 (https://www.gs1au.org/for-your-industry/healthcare/npc-in-healthcare/australian-healthcare-data-recipients?viewmode=0) Further enhancements require Recipient action to be completed
6.7	Development of report informing suppliers which recipients are using/have accessed their data within the previous month	Deb Prince & Murray Robb - GS1	Closed	Investigation showed some issues with this due to the method used by recipients to source data (not manual download but continual data sync/flow). Some reporting may be enabled through improvements from the Reimagining deliverables.
7.1	AMT-CTPP Action plan to be developed including:	ADHA/AEHRC	Closed	(This action is an amalgamation of 3.2, 6.3, 6.4)

	Creation of an AMT-CTPP – GTIN Value proposition paper, outlining data linkage initiative and benefits to industry Practical Demonstration of how the AMT-CTPP and GTIN Linkage works in practice incl overview plus data flows etc.. (This action is an amalgamation of 3.2, 6.3, 6.4)			Changes to team at AHDA and the move of the NCTS to AEHRC has interrupted the ability to report on this
7.2	Update/Actions on remaining Dataset Review changes including new or amended fields, changes to validation rules, changes to DQ reporting, transition to any GDSN attributes from local attributes (resulting from the Healthcare Dataset Review 2020/21)	Murray	Closed	All actions from the dataset review have been actioned into production and therefore this item was closed May 2022.
7.3	Allowing for the new dataset to stabilize and be implemented, complete a review/assessments of what data is actually being used and HCNPCAG to then decide whether any attributes can be removed from the sector requirements.	GS1 NPC team with Recipients	September 2022	Item added based on discussion in Sept 2021 to ensure that what is being requested is of value.
7.4	Use cases to be updated to add 'Supply Chain Surety' and reflect feedback from Reimagining workshops	Cath Koetz/Mark Blitenthall GS1	Closed August 2022	Updated Use Cases inclusive of feedback have been finalized and are now available as PDF and as a webpage https://www.gs1au.org/for-your-industry/healthcare/npc-in-healthcare/use-cases
7.5	Actions from Workshops to be shared with HCNPCAG for feedback to help define priorities	Cath Koetz GS1	Closed	Workshop details and agreed actions have been shared. Updates on all provided as part of pre-reads May 11th 2022 meeting. Propose closing this item and creation of new item regarding delivery of agree actions from Reimagining review process
8.1	New Attribute for 'Volume' raised by Ian Boyle from Queensland Health. NPC team to investigate options for automatically calculating Volume by using data already provided or option for additional attribute (if not able to be calculated).	Murray Robb/Ramesh Rayer GS1	Closed	Awaiting feedback on details of requirement
8.2	Detailed actions from 'Reimagining NPC for Healthcare' to be reported at each meeting via project summary update and reporting on specific items. Individual owners of deliverables will report where needed on progress.	GS1	Open	Refer to update provided within pre-read documents
8.3	Review of UNSPSC to ensure a. version 19 is still appropriate; b. look at how GS1 could provide more tools to support suppliers in mapping codes; and c. ensure clear communication regarding how recipients use/wish to use UNSPSC classification to support their processes (supply chain surety, catalogue groupings etc..)	Ramesh Rayer	Closed	Sub-working group has been formed to discuss. Proposal from meeting provided in pre-reads and topic included for discussion in agenda August 3rd meeting
9.1	Nominations for Co-Chair are open following resignation of Elizabeth Donohoo at the ADHA. Contact Cath Koetz for further information or to share nomination	All	Open	
9.2	AusUDID Pilot – Suppliers who are interested in participating in the pilot to have data flow from NPC to the Aus UDI database (TGA) should contact Cath Koetz	Cath Koetz	Closed	No ongoing action
9.3	Distributor Model Sub Group – formed to review and develop proposal for any changes to the data model to better support the sponsor versus distributor ownership of data	Murray Robb	Closed	Group closed

9.4	Interim Load Sub Group – formed to review and develop proposal for any changes to the data model to enable a potential interim and full product record	Murray Robb	Closed	
9.5	API Interest Group – formed to discuss the application of API as part of enabling greater access to NPC data and therefore improved/wider use.	Keith Lai/Justin Middleton	Closed	
9.6	Tendering Process Sub Group – formed to review and develop proposal for how to get greater utilization of data from the NPC within the tendering process. Addressing the need to recreate data in different formats, adding more value to the NPC data for suppliers and removing the inconsistency of data where the tendering data is totally different to product master data in the NPC.	Keith Lai	Closed	
9.7	Supplier forum to be set up to allow for discussion of issues specific to Suppliers providing data within the NPC. Agreed to be set up once the Data lake is launched	GS1	Open	
9.8	Clearer communication on recipient use of data. Exploration to be undertaken to share more information around how recipients are using the NPC data (overall and specific attributes) in order to help ensure understanding within the supplier community.	GS1	Open	
10.1	GS1 to investigate Data Quality Reports and actions to drive DQ improvement – specific issues raise regarding Prosthesis Rebate Codes and their being out of date	GS1	Open	
11.1	Nominations for Co-Chair are open following resignation of Peter Wilson at Uniting Care Health. Provide nomination via link shared in the presentation or contact Cath Koetz for details.	Nigel Fuller	Open	
11.2	Formation of Data Quality Focus Group. Poll was taken asking for members of the group to indicate if they were interested in joining the group. Action for GS1 to follow up with those that indicated they would like to join the group.	GS1	Open	
11.3	Dolores Ternes wanting to know if dangerous goods attributes will be aligned for AU like what is published to NZ on the NPC. Would the attributes require update for AU market?	Murray Robb	Open	
11.4	Long Lam (HSV) checked Will the preliminary item loading be applied to the HIDL?	Murray Robb	Open	
11.5	Stanley So (HSV) checked When the start date of the product(s) come along, is there anything mandatory that will get suppliers to populate the remaining data for the preliminary data model? To be discussed in the next meeting	Murray Robb	Open	
11.6	Long Lam (HSV) questioned Similar to the 'Distributor only' flag, is there Sponsor flag? For example, if there is a change in who the Sponsor is over time... and/or is the validation to ensure there is only one active sponsor per product?	Murray Robb	Open	

	This would also be important if some distributors continue providing full datasets where there are misalignments with the Sponsors info			
11.7	Tendering tool: Que from Stanley (HSV), regarding download	Murray Robb	Open	
11.8	Long Lam (HSV) request For PBS validation: Query Online PBS (https://data.pbs.gov.au/data-distribution/data-distribution.html) to validate PBS codes. As potentially they store listings based on AMT TPP	Ramesh Rayer	Open	

Meeting attendee summary

Name	Healthcare NPC Advisory Group - Meeting 14 - 2Q 2023
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Meeting details

Date	Time	Location
18 May 2023	1:30pm-3:30pm AEDT	Remote dial in – Zoom details in meeting invitation

Attendees (Non-GS1)	
Name	Organisation
Andrew Potter	QLD Health
Vijaya Khandekar	HealthShare NSW
Ian Bull	ACT Health
Risto Kacurkov	WA Health
Dolores Ternes	Smith and Nephew
Long Lam	HealthShare Victoria
Stanley So	HealthShare Victoria
Sarah Lankshear	Stryker
Paul Davies	QLD Health
Matthew Senz	QLD Health
Aileen Dela Pena	CSIRO
Andrew Heggie	Johnson and Johnson
Dean Wardrope	Mediplast
Annette Fennell	3M
Caroline Wong	HealthShare NSW
Chris Hawke	Device Technologies
Paula Bandini	Boston Scientific
Michel Hulzebos	Healthscope
Julie Domanski	NT Health
Reuben Daniels	QLD Health
Kamlesh	HealthShare Victoria

Apologies received from

GS1 Australia attendees		
Deb Prince		
Murray Robb		
Justin Middleton		
Komal Sanghani		
Emily Thuan		
John Szabo		
Mark Blitenthall		
Andrew Brown		
Ramesh Rayer		
Keith Lai		
Nathan Pham		
Avdesh Shivalaya		
Sascha Timoshanko		
Mitch Fortier		
Margo Fraser		
Nigel Fuller		

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