

Standardising clinical practice guideline development, review, and evaluation in infection prevention and control in Queensland

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A Queensland Infection Prevention and Control Unit and Herston Infectious Diseases Institute collaboration

The project team has no conflicts of interest to declare.



Acknowledgement of Country

Queensland Health acknowledges the Traditional Owners of Narm, the Wurundjeri Woi Wurrung people of the Kulin Nation. We pay our respects to their Elders past and present, and to Elders of all First Nations communities.



Translating system needs and best practice into action.....



- Extensive CPG duplication
- Inconsistent CPG structure, content and application of evidence variable
- Lack of system engagement

- Recruited Expert Working Group, 3x 2hr facilitated workshops
- **“What are the key issues?”**

- **Co-designed** framework
- Guiding principles
- Process elements
- Implementation tools

Why co-design?



To listen to the issues identified by IPCPs on QLD IPC Clinical Practice Guidelines.

To re-build trust and meaningfully engage with IPCPs to develop solutions.

To re-establish the integrity of the Department with key stakeholders.

QIPCU CPG Development and Evaluation Framework



Evaluation

AGREE II for CPG evaluation tools by QIPCU



User-acceptability surveys for key stakeholders



Ongoing feedback via “Feedback Portal”



HAI surveillance and system audit data informs CPG priorities



Health economist to measure health system budget impact



“...often it's not until you...actually need to test it (the Guideline), and then you realise the bits that aren't there... you sort of don't know what you really need until you're actually up to your neck in it ... basically.”
– Participant 2, Workshop 1



Transparent methodology

EVIDENCE CHECK

- Formal literature search (PICO questions by EWG) - medical librarians
- Evidence Appraisal Tables and Key Recommendations are graded and referenced

CPG MANUSCRIPT

- Key messages (summary) and Clinician Quick Reference Guide
- Key Recommendations clearly identified
- Priority population considerations



Implementation bundles

Implementation checklists

- Practice indicators and timeline targets

Audit tools

- Existing audit data points (including budget) to measure impact

Templates for local adaption (co-branding)

- Procedure/ Standard Work Instruction
- Consumer resources
- Education resources: PowerPoint™ presentations, posters, newsletter articles

Marketing strategy (widespread system level)

- DDG update, “Spotlight on”, “What’s New?” (Qld Health website)



“...If there’s ... implementation (of a Guideline) and we’ve got ... bundles..., it’s almost like a little checklist for me, of like, what do you want? Like, what do we need from this new guideline from my perspective? So, I know exactly what I need to get done, so that (I know) I’m, compliant, I guess.” – Participant 3, Workshop 2



Expert working groups and system engagement



- EWG “pilot” implementing draft CPG in their HHS test for feasibility and user-acceptability



- Meaningful system engagement and targeted Clinical Network consultation and endorsement (not just IPCPs)



- Executive to Executive communication to support implementation

“...having a guideline is all well and good, but it does need buy-in... at an Executive level... I suspect, that's what QIPCU is geared up to do is try to get that engagement at a high level.- Participant 4, Workshop 1



Outbreak Management CPG AGREE II Results

AGREE Domains	V5.0	V5.7
1 Scope and Purpose	57%	
2 Stakeholder Involvement	22%	
3 Rigour of Development	6%	
4 Clarity and Presentation	21%	
5 Applicability	24%	
6 Editorial Independence	0%	
Overall quality	33%	
Number of appraisers	3	

Next steps



Operationalise
the Framework



Implement
standardised
CPG process



Disseminate
findings of the
project



Reconvene
CPG EWG to
member-check
Framework
Tools

Take home messages

- Co-design is difficult.... but trust the process if you have end-user disengagement.
- Who are you “actually” writing for?
- Clinicians hate hyperlinks!
- Widen focus, build in adaptability
- To rebuild integrity, you must bring the people on the journey.



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**Questions?
Thank you!**

