**Accessible transcript: Optimising the use of antibiotics in the management of urinary tract infections in aged residential care webinar (23 February 2023) – Implementing the intervention**

***Video link:*** [***https://www.youtube.com/watch?v=778rXtMiXRs&list=PLqL5-6uWOmWfnW6mTl7BBSe3hSomPqXO5&index=5***](https://www.youtube.com/watch?v=778rXtMiXRs&list=PLqL5-6uWOmWfnW6mTl7BBSe3hSomPqXO5&index=5)

[Visual] The Te Tāhū Hauora Health Quality & Safety Commission (Te Tāhū Hauora) old logo appears on a white background. A white title then appears on a blue background: ‘Optimising the use of antibiotics in the management of urinary tract infections in aged residential care’. A second title appears on the blue screen: ‘Implementing the intervention, Prem Kumar, quality improvement advisor, Health Quality & Safety Commission’.

The slide changes to one with a blue and pink gradient on the left side, with the Te Tāhū Hauora old logo in white in the upper left corner. The text on the slide reads: ‘Implementation of intervention. Prem Kumar. 23 February 2023’. In the upper right corner of the screen is a video of Prem. He has short dark hair and glasses.

**[Audio] Prem: Thank you, Trish. Wonderful presentation, and I just want to add to that, saying that when I looked at the data and there's around 81 percent reduction in the reported UTI, and we have seen the consistent result, not only with the Observatory, but some of the other sites where we tested the intervention. And I just want to acknowledge two other people who are on the webinar today, Sharon Mulden and Andrea Taylor — Andrea's from Northland and Sharon is from Auckland — who are the part of the project and leading some of these teams. So, thanks to both of you. So, getting into the — There was a lot of questions where to find the decision support tool, so I just want to quickly take you through where you can find the resources, and if you want to implement the interventions in your facility, how you can go about it. So, I'll just quickly go through it.**

[Visual]: The slide then changes. On the left-hand side of the slide is a screen shot of the webpage containing the ‘Guide to improving the use of antibiotics in the management of urinary tract infections in aged residential care’ on the Te Tāhū Hauora website. On the right-hand side are the words: ‘Website resources page’

**[Audio] Prem: So, this is the screenshot of the website. All the resources are on Health Quality & Safety Commission's website, and I have shared the link with you all. So, let's go through the resources quickly.**

[Visual]: The image on the slide of the website screenshot zooms in to show a section with various resource titles listed on it.

**[Audio] Prem: So, on the top left you can see there's a guide which incorporates all the interventions and the details and evidence around the interventions.** **You can also see the decision support tool here, which — one second — That's the decision support tool which you asked for.**

[Visual]: Prem brings up the highlight tool on his screen and highlights the title of the resource in the top right side of the screenshot in bright yellow, ‘Urinary tract infection decision-support tool for the treatment of medically stable residents in aged residential care’.

**[Audio] Prem: There is also education presentations here.**

[Visual]: Prem highlights the second resource listed on the left side of the screenshot, ‘Use of antibiotics for urinary tract infection – awareness presentation’.

**[Audio] Prem: So, if you want to educate your staff, increase the awareness or use it for new staff, you can use some of these materials. There is a data collection template which we have developed. One is a simple data collection template …**

[Visual]: Prem highlights the second resource on the right side of the screenshot in bright yellow, ‘Data collection template’.

**[Audio] Prem: … and one is the detailed one.**

[Visual]: Prem highlights the third resource on the left side of the screenshot in bright yellow, ‘Detailed data collection template’.

**[Audio] Prem: Now the difference here is that the simple one is, there's less fields and if somebody is interested in more detailed information related to the use of antibiotics for UTI, you can use one of these templates.**

**There is a checklist…**

[Visual] Prem highlights the third resource on the right side of the screenshot in bright yellow, ‘Implementation checklist’.

**[Audio] Prem: …which will — and which I will share in a minute. There is a measurement plan and a letter to prescriber. So, we have created this letter so that you can amend, put your name of the facility and provide this to the prescriber, be it a nurse practitioner or your GP or GP practice. There is a knowledge and confidence survey as well, which you can use to understand the existing knowledge of your staff. What is their awareness and knowledge around AB UTI, use of antibiotic for UTI.**

[Visual]: The slide changes to one with a title at the top, ‘Data collection template’. Below this is a screenshot of the data collection template, which is a table with many different coloured columns.

**[Audio] Prem: So, I just want to show you the data collection template. If you have electronic system, you can use that to get the same data. But what we have seen is that even though we have electronic systems, sometimes data is not captured in the way which can be extracted and used in a meaningful way. But feel free to use this template. So, just quickly going through the template, these are the patient details on the left hand side…**

[Visual] Prem highlights the first three columns of the data collection template under the heading ‘Resident details’. He then moves his cursor to indicate each column as he speaks about it.

**[Audio] Prem: … and then you'll recognise all the signs and symptoms. Just tick it off. Whether have you used dipstick or not. What was the initial treatment? What was the decision, be it to reassess or just observe or start antibiotic empirically? Date when started. And the sample collected. What was the result. And what was the outcome. So, it captures the whole pathway, data related to the whole patient journey and pathway. And as well as, this is aligned to the decision support tool. So that's your data collection template, which is already there.**

[Visual]: The slide changes to one titled ‘Implementation checklist’. It has an image of the checklist, which is a table with 20 steps under the columns ‘No., Area, Activity/task, Completed’.

**[Audio] Prem: So now if you want to go about implementing this, some of the things I would say you can focus on before you actually go and implement is, have a team.**

[Visual] Prem highlights the first two steps in the table under the heading ‘Create team’.

**[Audio] Prem: Have some team members or someone who is responsible for it. It can be a facility manager, or it can be your infection prevention person or medication person. Every facility is different. So, identify someone to drive this. Make sure all the people who are interested in this piece of work, they are aware of this. It's all about creating buy in. This includes consumers and their family, your staff members, your GP and GP practice, the nurse practitioner. Make sure they know before you start. And then what probably it will be good to do is look at the decision support tool and see how this is going to work in your facility because your electronic systems may be different or the way you work may be different. So, make sure you go through the decision support tool and see how it will work in your local situation.**

[Visual] Prem highlights the four steps in the table under the heading ‘Measurement’.

**[Audio] Prem: Now, I will highly encourage to look at the measurement part, which is look at the baseline. What is the situation now? Because if you want to publish some paper or showcase this as a quality improvement, you need to have a start point and end point. So, if you create a baseline, that will, you can see how much you have improved, which may help you in your auditing as well. And then do the education awareness, make all the resources available. And then once you're done, just test the process with a few residents, maybe to see how it's actually working in your area. Can you enter, you know, sometimes the computer is too far away and it's so difficult to get everything online. So just do some dry runs with this decision support tool and see how it works and fine tune and then go for a implementation phase. So, a little bit of preparation beforehand before you go to the full implementation. And just keep monitoring it on an ongoing basis to see how much difference you're making and what else you need to do.**

[Visual] The slides fade and are replaced with a white background. The old Te Tāhū Hauora logo appears, followed by the New Zealand Government logo.

[End of video]