



EXTRACT FROM:

THE INFECTION CONTROLLA

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Conference Calendar

- 9th April 2005 - SHEA's 15th Annual Scientific Meeting
- 19th June 2005 - 32nd APIC Educational Conference & International meeting
- 24th August 2005 – NDICN Infection Control Conference and AGM

NDICN Conference Guidelines

The NDICN conference organising guidelines are currently under review. If you would like the opportunity to comment on Draft 1 of the revised document please contact Ruth Barratt

Waikato District Health Board (WDHB) gets first Liquitech copper/ silver ionisation system in Australasia.



WDHB Infection Control Team is very excited about having the system installed in one building at Waikato Hospital. Although primarily purchased to control hot water temperature considerations was also given to the control of Legionella as Waikato Hospital has a history of Legionella growth. The Liquitech system has had over 12 years of proven success in controlling *Legionella pneumophila*, *M. avium*, *Salmonella*, *Listeria* etc.

So how does it work? Liquitech's electronic disinfection system releases copper and silver ions into the water by allowing it to pass through a flow cell containing sacrificial copper/silver electrodes. A direct current is applied across these electrodes to stimulate the controlled release of ions. These ion emissions are a potent biocide. The positively charged copper and silver ions on microorganism cell walls, creating stresses and distortions that, combined with protein denaturation, lead to cell lysis and death. In this system, bacteria are killed, rather than merely suppressed. The accurate close-rate control system maintains precise ion levels, providing residual protection and prevention of recontamination.

Since installation in August 2004, there has been two "rounds" of sampling sent to ESR for testing with no Legionella detected. If you would like more information on the Liquitech system please contact the WDHB Infection Control team or you can visit www.liquitech.net or contact Mark Dawson at mark@lps.net.nz. (Cilla Wyllie-Schmidt – ICN, WDHB)