Dutch Surveys Bedpan Management (1990 & 2010)

Progress in correct use of washer disinfectors

Gertie van Knippenberg-Gordebeke, RN, CCIP

Kockerseweg 85 · 5927PE Venlo-Boekend · the Netherlands
Tel: +31 77 3825 488 · SKYPE: gertieknippenberg · info@knip-consult.eu

Spauldings scheme for cleaning, disinfection and sterilization categorized bedpans as non-critical items (1968, USA)

Bedpan Management in the Netherlands
1976 Advice Dutch Health Council for WD; hospitals stopped following Spaulding’s scheme for bedpans
80’s Washer disinfectors (WD) were widely introduced to reduce risk
1990 1st Dutch survey to investigate use and efficiency bedpan management
1995 WIP® Guideline specific guidelines for WD
1995 WIP® Guideline for Validation of decontamination process
1997 Manufacturers improved WD
2006 WIP® Guideline for Infection prevention measures for Clostridium difficile
Part 3: Requirements of human waste containers

2010 2nd Dutch survey to investigate current use and efficiency bedpan management
* Guidelines Working Party Infection Prevention: declared by the Dutch Minister of Health as Professional Standard

Survey method 1990
A questionnaire with 15 questions about emptying, cleaning and disinfection of bedpans and urinals was sent by post-mail to Dutch consultants infection prevention
To 50 hospitals. All kind of hospitals were involved
(1 reminder by phone call)
Results were manually counted. Only Some results are presented here
1990 Response rate: 41/50 hospitals (82%)
Poor results in cleanliness & maintenance

Survey method 2010
Because of the introducing of international standards and Dutch guidelines an extensive questionnaire with 30 questions was sent by e-mail to Dutch consultants infection prevention
To 120 Hospitals. All kind of hospitals were involved
2 reminders: 1x by mail and 1x by phone call
Results were manually counted. Only Some results are presented here
2010 Response rate: 77/120 hospitals (64.1%)
More awareness of Bedpan Management

Conclusions
- Bedpan management improved in Dutch hospitals after introduction of specific WIP guidelines and International Standards
- WD (not validated) and or bedpans played a role in outbreaks and HAI (10%)
- The risk for HAI can be greater because 87% never searched for it
- More validated data needed about the risk bedpans and WD causing HAI
- This survey triggered colleagues to pay more attention to Bedpan Management

Recommendations
More attention is needed for:
- Validation & Maintenance of WD
- Education and training HCW
- International Standard BS-EN-ISO 15883 WD (part 3)