



















	Be	dpan Survey 2010	
Г	122	unroutable/ untraceable address]
	42	no answer, because no WD	
	74	another job career	1
	21	no time to answer	1
	17	not a subject for us	1
	15	not allowed to answer	
	11	wished me good luck, no answer	
	9	language problems	
	965	no reply	
((n1176)	Survey : KNIP Const	2010 Bedpan Manageme Itancy Infection Preventic www.info@knip-consult.e
- Contraction of Second Second Second	111110		1

letherlands	77
Western Europe	34
East & South Europe	34
Africa, Asia, Latin America, Eastern Mediterranean Region	58
Australia, New Zealand	6
USA, Canada	25
(n1176)	

Aruba	1	Czech Reput	blic 1	Iraq	1	New Zealand	4	Spain	4
Australia	2	Denmark	1	Israel	3	Nigeria	5	South Africa	1
Belgium	6	Egypt	12	Italy	11	Norway	5	Sudan	1
Botswana	1	Equador	2	Jordan	4	Oman	1	Sweden	8
Brazil	1	Estonia	1	Kosovo	1	Pakistan	3	Switzerland	3
Bulgaria	13	Germany	6	Lebanon	1	Puerto Rico	1	Thailand	2
Canada	9	Ghana	1	Lithuania	2	Qatar	1	Turkey	1
Cameroon	1	Hungary	3	Macedonia	1	Vietnam	1	UK	1
China	1	Ireland	2	Malaysia	1	Saudi Arabia	1	USA	16
Colombia	3	India	5	Malta	1	Singapore	1	Vietnam	1
Croatia	1	Indonesia	2	Netherlands	77	Slovakia	8		



A Webber Training Teleclass Hosted by Paul Webber paul@webbertraining.com www.webbertraining.com

K









Guidelines and rules for Bedpan Managemen	t
Management Clostridium difficile Infection 2010 UK, Portsmouth NHS Trust • All urine or faeces should be disposed of in the macerator as rapidly as possible. - cleaned and disinfected with activitor puts as described in appendix 1, with careful attention to toilets, bathrooms and sluices, commodes and bedpans.	
Guidance on Prevention and Control of Clostridium difficile Infection in Healthcare Settings in Scotland 2009 Health Protection Network Scotlish Guidan All care equipment should be carefully cleaned and disinfected using a sporocidal agent (with 1000 ppm hypochlorite) immediately after use on a CDI patient	e:
Ontario Best Practice Manual Cleaning, Disinfection and Sterilization In All Health Care Settings Reviewed and revised February, 2010 Disinfection or sterilization may be reprocessed in a washer-disinfector(e.g., bedpans)	
The lower bound	









Machinal disinfection preferred

- · Standard operated procedure (SOP)
- · Thermal disinfection
- · Validation
- · Continuous monitoring
- · More reliable than chemical disinfection
- No residues
- · Non-toxic for human beings
- · Non-toxic for environment

Bedpan Management

- 1. Patient care
- Transport to Empty 2.
- Emptying 3.
- 4. Flushing
- 5. Cleaning
- Loading in WD 6.
- Disinfection 7.
- Drying 8
- Storage 9.







Emptying Environment often not cleaned afterwards Some MO survive months on dry surfaces · Some MO survive months moist environment Spores if not cleaned & removed can survive













































				· J -	
Validation & Maintenance					
in the Ne	therlands	201	0		
		A%	8%	C%	
Regular Maintenance (N=18)	A=1x per year B= 2x per year C= NO	33%	67%	0%	
Validation (N=18)	A= Yes B= NO	83%	17%		
Validation done by (N=15)	A= Manufacturer B= Externalcomp. C= Internal Tech dep.	54%	33%	13%	
In Contract/ protocol					
Kind of measurement Validation (N=14)	A= Yes B= No C= Unknown	57%	7%	36%	
Frequency Validation (N=15)	A= Yes B= No	87%	13%		
Frequency validation					
Validation after repair (N=15)	A= Yes B= No	21%	79%		
Validation after preventive main- tenance (N=15)	A= Yes B= No	64%	36%		
Periodical Validation (N=15)	A= Yes B= No	36%	64%		
UNIT TRANSPORTER PROVIDE TRANSPORT	Graduation project Cor Kim Helgering, Amsterd	nsultant Infe am, 1 mare	ection Prev ch 2011	ention,	61





	N= 18		
		A	B%
Education			
Training handling WD	A= User gets training for handling WD B= User gets no training for handling WD	94%	6%
Training loading WD	A= User gets training for laoding B= User gets no training for laoding	89%	119
Education handling with error WD	A= User gets training for handling WD B= User gets no training for handling WD	83%	179
Protocols			
Instruction card loading WD	A= available B= not available	91%	9%
User manual WD	A= available B= not available	50%	50%
Instruction card procedure error	A= aanwezig B= niet aanwezig	39%	619





Requirements bedpan choice

- Need for patient bound bedpans?
- Comfort for patient & HCW
- Safe transport with lid /cover and firm grip
- Easy to empty, clean & disinfect (seamless)
- Long lastingHeat resistant
- No water residue after process

Bedpan types difficult to carry, clean or dr



Spaulding's Scheme

NOT sufficient for handling bedpans

- Bedpans can come in contact with mucous membranes (the genital area) or non-intact skin (decubitus, wounds)
- Full bedpans & urinals are contaminated inside & outside
- Risk during Emptying with splatter, splash and aerosol is not mentioned
- Manual decontamination is never a standard operated procedure (SOP)
- Compliance Hand hygiene is (still) low
- Mis-use and over-use liquid chemical disinfectants

Urine Catheters & Diapers for bedridden adult patients without medical indication should

NEVER Replacements for Use Bedpans & Urinals



Results: cost vs. re-imbursement			
	Fälle (n = 45)	Kontroller (n = 135)	
cost per patient (€)	53,995	47,138	
re-imbursement per patient (€)	47,888	45,734	
financial loss per patient (€)	6,107	1,404	
financial loss per patient day (€)	165	51	
27 Fail Feler Vorberg hother for Medical Microbiology and Hospital Epidemic	Vonberg J.Hosp.Infect. 2008; 70: 15	M _H H	

Resume Bedpanmanagement				
Issue	Manual handling	Machinal handling		
Odour/Smell	Bad smell	No smell		
Emptying content	Via toilet or slop hopper into sewer	Behind closed doors into sewer		
Occupational safety	Exposure Splash, Spills Aerosols	No exposure		
Contamination	Environment, hands	No risk		
Flushing	Splashes, spills, aerosols	Behind closed doors		
Cleaning	Spraying, soaking, brushing	100%		
Disinfection	No monitored liquid disinfectant	d liquid disinfectant Monitored thermal >80 °C/ 176°F		
Effectiveness	Only 50% affected	Standard Operated Procedure		
Drying	(Dirty, wet) Towel	Automatically		
Validation process	No	Yes		
Chemotherapy in urine	Exposure risk HCW	No risk for HCW		
Environment	Chemicals cause risk	Environmental protection		
Residue Spores C.diff	Possible	Reduction factor ≥ 4log.		
(Human) Error	Possible	Possible		
Star Disease Internal Parameter		74		







19 May 11	Human Factors Engineering Applications for Infection Prevention
	and Control
	Speaker: Dr. Hugo Sax, University of Geneva Hospitals
	Sponsored by GOJO (www.gojo.com)
26 May 11	Safe Injection Devices: 10 Years Out Where are the Gaps?
1	Speaker: Ed Krisiunas, WNWN International Inc.
30 May	(Free Teleclass – Live Broadcast from CHICA-Canada Conference)
	Benchmark and Performance Measurement
	Speakers: Zahir Hirii, Bridgepoint Hospital (Toronto) and Leslie
	Forrester, Vancouver Coastal Health
	Sponsored by GOJO (www.gojo.com)
9 June 11	Using Checklists to Prevent Healthcare Associated Infections
	Speaker: Prof. Peter Pronovost, Johns Hopkins University
	Sponsored by: Virox Technologies Inc (www.virox.com)
14 June 11	(Free Teleclass – 10th Anniversary Lecture) Ten Years of Infection
	Prevention and Control: How Far Have We Come?
	Speaker: Prof. Sved A. Sattar, University of Ottawa
	Sponsored by: Virox Technologies Inc (www.virox.com)
	and Diversory (usual diversory com)