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***POINT PREVALENCE
SURVEY OF HEALTHCARE
ASSOCIATED INFECTIONS,
MEDICAL DEVICE USAGE
AND ANTIMICROBIAL
USAGE***

2011 REPORT

ANEURIN BEVAN HEALTH BOARD

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Table 1 – Number and prevalence of patients surveyed in acute hospitals in Aneurin Bevan Health Board with HAI

Acute hospital	Number of patients surveyed	Number of patients with HAI	Prevalence (%) of HAI (95% CI)*
ABVHB total	1387	43	3.1 (2.3 – 4.2)
Nevill Hall	330	18	5.5 (3.5 – 8.5)
Royal Gwent	585	16	2.7 (1.7 – 4.4)

*95% CI – indicate the range of values within which we can be confident that the true value lies

Table 2 – Number and prevalence of HAI in acute hospitals in Aneurin Bevan Health Board by HAI type

HAI type	Number of HAI*	% of HAI	Prevalence of HAI by type
ABVHB total	46		3.3
GI infection	11	23.9	0.8
SSI	7	15.2	0.5
UTI	7	15.2	0.5
LRT	4	8.7	0.3
Skin and soft tissue infection	4	8.7	0.3
Pneumonia	4	8.7	0.3
Systemic infection	3	6.5	0.2
BSI	2	4.3	0.1
Neonatal infection	2	4.3	0.1
Eyes and ENT	1	2.2	0.1
Bone and joint infection	1	2.2	0.1

* Counts the number of HAI (i.e. Patients may have multiple HAI).

Key: UTI – urinary tract infection; SSI – Surgical site infection; GI – gastrointestinal; BSI – Bloodstream infection; LRT – Lower respiratory tract; ENT – ear - nose - throat; CRI-CVC – Catheter related infection (central venous catheter); CRI-PVC – Catheter related infection (peripheral vascular cannula); CNS – central nervous system; CVS – cardiovascular system.

Table 3 – Number and percentage of patients surveyed in Aneurin Bevan Health Board acute hospitals by device utilisation

Acute hospital	Number of patients surveyed	Number of patients with one or more devices in situ	Device	Number of devices in situ*	% of device utilisation
ABVHB total	1387	524			37.8
			UC	243	17.5
			PVC	348	25.1
			CVC	64	4.6
			Intubation	56	4.0
Nevill Hall	330	164			
			UC	56	17.0
			PVC	137	41.5
			CVC	8	2.4
			Intubation	7	2.1
Royal Gwent	585	285			
			UC	128	21.9
			PVC	187	32.0
			CVC	56	9.6
			Intubation	49	8.4

*A patient may have more than one device in situ at one time.

Key: UC – urinary catheter; PVC – peripheral vascular cannula; CVC – central venous catheter.

Table 4 - Prevalence of antimicrobial prescribing in Aneurin Bevan Health Board hospitals

Hospital type	Hospital	Number of patients surveyed	Number of patients receiving antimicrobials	Prevalence (%) of prescribing (95% CI)
	ABVHB total	1387	390	28.1 (25.8 - 30.5)
Acute hospitals	Nevill Hall	330	101	30.6 (25.9 - 35.8)
	Royal Gwent	585	207	35.4 (31.6 - 39.3)
Non-acute hospitals	Caerphilly District Miners	65	25	38.5 (27.6 - 50.6)
	Carn-y-Cefn	8	0	0.0 (0.0 - 32.4)
	Chepstow	40	6	15.0 (7.1 - 29.1)
	County	66	17	25.8 (16.7 - 37.4)
	Maindiff Court	12	0	0.0 (0.0 - 24.3)
	Monnow Vale	19	2	10.5 (2.9 - 31.4)
	Redwood	9	2	22.2 (6.3 - 54.7)
	St Cadocs	32	1	3.1 (0.6 - 15.7)
	St Woolos Community	67	6	9.0 (4.2 - 18.2)
	Talgarn	13	2	15.4 (4.3 - 42.2)
	Ty Sirhowy	19	0	0.0 (0.0 - 16.8)
	Ysbyty Aneurin Bevan	85	17	20.0 (12.9 - 29.7)
	Ystrad Mynach	37	4	10.8 (4.3 - 24.7)