



Hospital: **Nevill Hall**
Health Board: **Aneurin Bevan UHB**

Data up to: **30/09/2018***
Report data last updated: **03/12/2018 at 02:00**

*Most SSIs are reported in the first 60 days, so reports are generated with a 2 month lag in the data.

Annual SSI rates



	Nevill Hall			Aneurin Bevan UHB			NHS Wales		
	Procedures	SSI	SSI rate	Procedures	SSI	SSI rate	Procedures	SSI	SSI rate
Overall	6,153	84	1.4%	15,255	153	1.0%	68,255	654	1.0%
Year									
2018	481	6	1.2%	1,459	7	0.5%	3,598	13	0.4%
2017	591	6	1.0%	1,697	7	0.4%	6,261	22	0.4%
2016	514	3	0.6%	1,507	4	0.3%	6,018	16	0.3%
2015	576	14	2.4%	891	15	1.7%	4,890	36	0.7%
2014	610	8	1.3%	979	9	0.9%	5,438	39	0.7%
2013	572	4	0.7%	1,325	17	1.3%	6,238	55	0.9%
2012	555	5	0.9%	1,389	18	1.3%	8,104	86	1.1%
2011	618	7	1.1%	1,714	13	0.8%	7,433	83	1.1%
2010	373	4	1.1%	1,121	12	1.1%	6,120	70	1.1%
2009	583	16	2.7%	1,359	23	1.7%	7,251	113	1.6%
2008	680	11	1.6%	1,814	28	1.5%	6,904	121	1.8%

Wales median	1.80%
	1.35%
	0.90%
	0.45%
	0.00%



SSI rate breakdown (last 12 months)

This section, the OPCS codes, recent SSIs and organisms include data from 01/10/2017 to 30/09/2018

	Nevill Hall			Aneurin Bevan UHB			NHS Wales		
	Procedures	SSI	SSI rate	Procedures	SSI	SSI rate	Procedures	SSI	SSI rate
Overall	635	9	1.4%	1,923	11	0.6%	5,225	20	0.4%
Procedure types									
Primary hip	265	1	0.4%	802	1	0.1%	2,359	5	0.2%
Revision hip	19	0	0.0%	31	0	0.0%	141	0	0.0%
Primary knee	326	6	1.8%	867	8	0.9%	2,298	13	0.6%
Partial knee*	2	1	50.0%	182	1	0.5%	294	1	0.3%
Revision knee	21	0	0.0%	38	0	0.0%	116	0	0.0%
Other/unknown	2	1	50.0%	3	1	33.3%	17	1	5.9%
Age groups									
Under 65	213	4	1.9%	688	5	0.7%	1,688	7	0.4%
65-74	226	3	1.3%	711	4	0.6%	1,965	8	0.4%
75-84	161	0	0.0%	455	0	0.0%	1,336	3	0.2%
85 and over	29	1	3.4%	59	1	1.7%	204	1	0.5%
Unknown	6	1	16.7%	10	1	10.0%	32	1	3.1%
Sex									
Male	244	3	1.2%	827	4	0.5%	2,220	7	0.3%
Female	373	4	1.1%	1,075	5	0.5%	2,930	11	0.4%
Unknown	18	2	11.1%	21	2	9.5%	75	2	2.7%
Report source									
Electronic	635	9	1.4%	1,923	11	0.6%	5,225	20	0.4%
Paper forms	0	0		0	0		0	0	

*Unicondylar and patellofemoral knee replacements.

Wales median	1.80%
	1.35%
	0.90%
	0.45%
	0.00%



OPCS Codes

Joint	OPCS	Name	Procedures	SSI	SSI rate	(95% CI)
Hip	W371	Primary total prosthetic replacement of hip joint using...	160	1	0.63%	(0.02 - 3.43)
	W373	Revision of total prosthetic replacement of hip joint u...	7	0	0.00%	(0.00 - 40.96)
	W381	Primary total prosthetic replacement of hip joint not u...	105	0	0.00%	(0.00 - 3.45)
	W383	Revision of total prosthetic replacement of hip joint n...	11	0	0.00%	(0.00 - 28.49)
	W393	Revision of total prosthetic replacement of hip joint N...	1	0	0.00%	
Knee	W401	Primary total prosthetic replacement of knee joint usin...	317	6	1.89%	(0.70 - 4.07)
	W403	Revision of total prosthetic replacement of knee joint ...	21	0	0.00%	(0.00 - 16.11)
	W411	Primary total prosthetic replacement of knee joint not ...	8	0	0.00%	(0.00 - 36.94)
	W421	Primary total prosthetic replacement of knee joint NEC	1	0	0.00%	
	W428	Other total prosthetic replacement of knee joint, Other...	2	1	50.00%	(1.26 - 98.74)
	Z845	Unicondylar knee replacement ◆ medial	2	1	50.00%	(1.26 - 98.74)

Recent SSIs

Year	ID	Age	Sex	Side	Procedure	SSI type	SSI onset	Site
2018	201806	50	M	L	W401	Superficial	48 days	Nevill Hall
	201805	90		L	W401	Superficial	35 days	Nevill Hall
	201804	58	F	L	W401	Superficial	48 days	Nevill Hall
	201803	61	M	L	W401	Organ/Space	115 days	Nevill Hall
	201802			R	W428	Superficial	86 days	Nevill Hall
	201801	55	F		W401	Deep	33 days	Nevill Hall
2017	201703	69	F	L	W401	Superficial	49 days	Nevill Hall
	201702	74	F	R	W371	Superficial	29 days	Nevill Hall
	201701	72	M	R	Z845	Superficial	56 days	Nevill Hall



Organisms

	All Years			01/10/2017 to 30/09/2018		
	Nevill Hall	Aneurin Bevan UHB	NHS Wales	Nevill Hall	Aneurin Bevan UHB	NHS Wales
Citrobacter koseri (eg diversus)	0.016%	0.007%	0.001%	0.157%	0.052%	0.019%
Enterococcus	0.065%	0.033%	0.020%	0.315%	0.156%	0.077%
E. faecalis	0.032%	0.020%	0.009%	0.157%	0.104%	0.057%
E. faecium	0.032%	0.013%	0.012%	0.157%	0.052%	0.019%
Escherichia coli	0.032%	0.013%	0.003%	0.157%	0.052%	0.019%
Haemophilus influenzae			0.001%			0.019%
Klebsiella	0.016%	0.007%	0.004%	0.157%	0.052%	0.019%
K. pneumoniae	0.016%	0.007%	0.003%	0.157%	0.052%	0.019%
K. (not specified)			0.001%			
Morganella (not specified)	0.016%	0.007%	0.001%	0.157%	0.052%	0.019%
Propionibacterium (not specified)			0.001%			0.019%
Proteus	0.016%	0.007%	0.003%			
P. mirabilis			0.001%			
P. (not specified)	0.016%	0.007%	0.001%			
Pseudomonadaceae family (not specified)			0.001%			0.019%
Pseudomonas aeruginosa	0.049%	0.020%	0.004%			
Staphylococcus	0.114%	0.059%	0.066%	0.630%	0.312%	0.325%
S. aureus	0.081%	0.046%	0.042%	0.472%	0.260%	0.230%
- No resistance data	0.081%	0.046%	0.042%	0.472%	0.260%	0.230%
S. (not specified) (not specified)			0.003%			0.038%
Coagulase negative	0.032%	0.013%	0.020%	0.157%	0.052%	0.057%
- S. epidermidis	0.032%	0.013%	0.010%	0.157%	0.052%	0.019%
- S. haemolyticus			0.007%			
- Not specified			0.003%			0.038%
Other			0.004%			0.038%
Other Gram negative bacilli			0.003%			0.019%
Other bacteria			0.001%			0.019%
No microbiology results	1.152%	0.905%	0.969%	0.315%	0.104%	0.038%

Shown as a percentage of procedures where the organism was present.

Tests can be positive for multiple organisms, therefore, some infections may be present multiple times under different organisms.

0.45%	0.45%
0.34%	0.34%
0.23%	0.23%
0.11%	0.11%
0.00%	0.00%



Recent procedures reported



Dates are based on when the procedure was recorded on the orthopaedic SSI web form, rather than the date the procedure was performed.

Explanatory notes

This report includes all the data reported to Public Health Wales as part of the orthopaedic SSI surveillance programme. As SSIs can be reported for up to a year (or longer) post-procedure, this means the SSI rate for the most recent year is liable to change. The vast majority of SSIs are reported within the first 60 days post-procedure, therefore, these reports are produced with a two month lag (e.g. January data is published at the end of March).

During the years 2014 and 2015, an electronic reporting system was introduced to replace paper based surveillance forms, and all hospitals are now using this. After switching over, the SSI rate reduced significantly, and there may be issues with the accuracy of the SSI rates reported for the period from 2014 onwards.