

SNBTS HAI Reporting Template - April to June 2010

1. **Author(s) of Paper**

Ann Paterson, Senior Nurse Infection Control, Health Protection Scotland/SNBTS
Anne Russell, Accommodation Services Manager, NSS Facilities

Mr Keith Thompson, National Director, SNBTS
Tel: 0131 536 5712

2. **Purpose of Paper**

To provide the Board with a copy of the HAI (Healthcare Associated Infection) Report with regard to compliance with Hand Hygiene and Cleaning Specifications within SNBTS (April to June 2010).

3. **Service Implications**

This is the sixth SNBTS HAI Reporting Template providing information on compliance with Hand Hygiene and Cleaning Specifications.

The key service implication is that there needs to be measurable hygiene standards to ensure that SNBTS blood and tissue components are manufactured to the required standards of hygiene. There are a large number of measures taken by SNBTS to ensure that the levels of hygiene required for the collection and processing of our components and tissues meet the standards expected by relevant regulatory bodies, such as MHRA and HTA. This is a fundamental requirement of the Good Manufacturing Practices demanded of SNBTS by law.

As part of this overall cleanliness programme, the SNBTS are required to meet established SGHD standards of cleaning and hand hygiene. For cleaning, this is generally carried out by external contractors and monitored using a standard monitoring tool. For hand hygiene, this is audited in SNBTS blood collection sites by NSS personnel against a standard for the performance of hand hygiene.

The data collected from these measures is compared with that achieved in other Health Boards in Scotland.

4. **Other Key Issues**

Summary Analysis of Data in SNBTS HAI Reporting Template

SNBTS Hand hygiene data –

SNBTS hand hygiene compliance score for April was 98%, May 98% and June 99%. Compliance percentages ranged from 90%-100% with a total of 888 opportunities for

hand cleansing being observed. This level of compliance consolidates the improvement seen since this programme was initiated. Benchmarking shows that SNBTS data is slightly above the national average. However, there are no confidence intervals for this data therefore at present we are uncertain whether this is of statistical significance.

Please note that although SNBTS data is reported to SGHD it is not part of the National Hand Hygiene Campaign Data due to the variances in healthcare provision and therefore NSS's ability to capture the national data set.

Cleaning Monitoring

The attached HAIRT indicates that the quarterly outcome for cleaning monitoring April – June will achieve 95%. This is identical to the previous quarter. This level of compliance exceeds the target of 90% expected by SGHD.

The sole problem area with recent reports has been the monitoring of the cleaning of the Mobile Donating Centres (MDCs). Because there are very few measurements taken, individual points of non compliance lead to a value of 89% compliance (ie 1 out of 9 observations per MDC). This happened on 2 out of 11 instances when the MDCs were monitored. If a composite value was calculated, then the compliance rate would be 98%. This overall compliance rate seems like a more realistic measure of the general cleanliness. Consideration needs to be given to how the cleanliness of the MDCs is reported in future to give a more realistic overall impression.

5. Resource Implications

No resource implications relating to this report.

6. Contracts

There are no contractual issues relating to this report

7. Risk Implications

Staff:

The key current risk of the hand hygiene programme is not of non compliance with the agreed standard, but rather is an Occupational Health Issue with an increased incidence of reactions to the hand hygiene products. Recently, there has been one very severe reaction and a RIDDOR incident has been reported to HSE. This is currently being investigated and discussions will continue in an attempt to assess whether an alternative hand cleansing regime can be developed which reduces the risk of this type of reaction.

Organisational:

SNBTS are a highly regulated organisation and strive to ensure that adequate standards are in place at all times. In the event of non compliance with the relevant HAI standards we would need to assess the implications, but would inevitably require a review of how the activities are carried out. This could have implications for existing NSS contracts.

Reputational:

There are potential risks to reputation if any SNBTS premises are perceived to have unsatisfactory levels of cleanliness.

Business:

Ineffective systems and processes ensuring cleanliness may expose NSS to liabilities in the event of contaminated components being manufactured.

Clinical

The principal clinical risk is that failure to perform effective cleaning of facilities or hands could lead to the generation of contaminated blood or tissue components, with the obvious risk to patients if these go undetected.

8. Equality & Diversity Implications

There are no Equality & Diversity implications associated with the paper.

9. Partnership Working

No specific partnership issues related to this report.



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	Board Total	Glasgow Athenaeum/ Sessions	Glasgow Garnavel	Glasgow Possilpark	MDC Y496 BSF	MDC SK52 ODG	MDC W441 PSG	Glasgow Clinical (Beatson)	Edinburgh Lauriston/ Sessions	MDC M465 WSG	Edinburgh New Royal Infirmary Clinical	Ellen Glen's Road	Aberdeen Donor Centre/ Sessions	Dundee Donor Centre/ Sessions	Inverness Donor Centre/ Sessions	Nurse	Medical	Ancillary/oth er	AHP
Cleaning specification compliance																			
Compliance rate April 2010		96	95		10 0	10 0			99	100		96							
Compliance rate May 2010		96	93	10 0	10 0	10 0	100	91	100	96									
Compliance rate June 2010		-	99		89	89	-	97&9 3	100		98&93								
Number of audits April -June		2	3	1	1	3	2	1	4	3	1	3							
Compliance rate previous quarter		94	93	95	10 0	10 0	95	98	96	100	97	95		94					
Number of audits previous quarter		3	2	1	2	2	2	1	3	2	1	3		3					

Comments: MDC's Y496 BSF and SK52 ODG were re-monitored at 100%

The results from Beatson, Dundee Donor Centre and Edinburgh New Royal are not reportable by NHS NSS these figures are additional to their Board result.

It is anticipated that the quarterly score April to June, reportable to the Government will be around 95 %



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Hand hygiene Programme																			
Compliance% score Apr'10	98	97						100	100		100		93	97	X				
Compliance % score May '10	98	96						90	100		100		100	100	100				
Compliance % score Jun '10	99	100						95	100		100		95	100	100				
No of observations Apr - Jun 10	888	310						60	160		90		110	140	18	355	8	523	2
Compliance % rate previous quarter (Jan- Mar'10)	98	94						96	98		100		100	97	99				
Number of observations previous quarter	910	230						80	190		90		120	130	70	418	6	485	1

Comments: