Department for hygiene and disease prevention

[redacted] **07.09.09**

by [redacted]

Re. curtain with bacteria-killing effect, Endurocide antibacterial disposable curtains.

In May 2009, the Department for hygiene and disease prevention was contacted by [redacted].

A presentation of a disposable curtain for use in patient rooms was given.

The curtain was found to be interesting for use as a replacement for curtains/screens in patient rooms.

The antimicrobial effect was tested as part of a small study on 15.05.09 in room 504 at [redacted].

Method: A contact dish was pressed against the edge of the disposable curtain at reach height, the point at which it is natural to draw the curtain. Another dish was pressed against the centre of the curtain. The same procedure was carried out on the cotton curtain at the window closest to the patient.

The patient was treated with a contact infection regimen.

Results: The contact dishes were sent for microbiological examination at [redacted] Measurement analysis dept., [redacted], see attached. Staph.aureus, Germ quantity anaerobic 30°C and Germ quantity 30°C were tested for.

Test no.	Test venue	Staph.aureus	Germ qty. anaerobic 30°	Germ qty. 30°C
1	Disposable curtain edge at reach/draw height	<10 cfu/swab	< 10 cfu/swab	30
2	Disposable curtain 20x20cm in the centre	<10 cfu/swab	< 10 cfu/swab	20
3	Cotton curtain edge at reach/draw height	<10 cfu/swab	1700	>150 000
4	Cotton curtain 20x20cm in the centre	<10 cfu/swab	200	140

Conclusion: The results show that there are fewer micro-organisms on the disposable curtain compared to the cotton curtain. However, to be able to confirm the supplier's own studies, a more extensive examination is needed.

The personnel found the curtain practical to use and liked it.

[redacted]

Hygiene Nurse

[redacted]

[redacted]

ilac – MRA

NORWEGIAN
ACCREDITATION
TEST 001

[redacted]

[redacted]

[redacted]

Sample received: 20.05.2009
Temperature:
Analysis period: 20.05.2009-25.05.2009
Reference:

ANALYSIS REPORT

Test no.: Test type: Test marking:	437-2009-0520-227 Env. test swab Env. test 1		Sampling date: Sample taker: Place of sampling: Analysis date:	15.05.2009 Client 20.05.2009	
Analysis:		Result:	Unit:	Method:	LOQ:
Staph. aureus		< 10	cfu/swab	3M 01/9-04/03	
Germ qty. anaerobic30°C		< 10	cfu/swab	Internal Method	
Germ qty. 30°C		30	cfu/swab	Internal Method	

Test no.: Test type: Test marking:	437-2009-0520-228 Env. test swab Env. test 2		Sampling date: Sample taker: Place of sampling: Analysis date:	15.05.2009 Client 20.05.2009	
Analysis:		Result:	Unit:	Method:	LOQ:
Staph. aureus		< 10	cfu/swab	3M 01/9-04/03	
Germ qty. anaerobic30°C		< 10	cfu/swab	Internal Method	
Germ qty. 30°C		20	cfu/swab	Internal Method	

Test no.: Test type: Test marking:	437-2009-0520-229 Env. test swab Env. test 3		Sampling date: Sample taker: Place of sampling: Analysis date:	15.05.2009 Client 20.05.2009	
Analysis:		Result:	Unit:	Method:	LOQ:
Staph. aureus		< 10	cfu/swab	3M 01/9-04/03	
Germ qty. anaerobic 30°C		1 700	cfu/swab	Internal Method	
Germ qty. 30°C		> 150 000	cfu/swab	Internal Method	

Symbol key:
*: (no covered by the accreditation)
<: Less than, >: Greater than, LOQ: Limit of Quantification, MPN: Most Probable Number, cfu: ColonyForming Units
Details regarding measuring uncertainty can be obtained by contacting the laboratory.

[redacted] [redacted]

Test no.: Test type: Test marking:	437-2009-0520-230 Env. test swab Env. test 4		Sampling date: Sample taker: Place of sampling: Analysis date:	15.05.2009 Client 20.05.2009	
Analysis:		Result:	Unit:	Method:	LOQ:
Staph. aureus		< 10	cfu/swab	3M 01/9-04/03	
Germ qty. anaerobic 30°C		200	cfu/swab	Internal Method	
Germ qty. 30°C		140	cfu/swab	Internal Method	

[redacted]
[redacted]
[redacted]

[redacted], 25 May 2009

[signed]

[redacted]

Microbiologist / Department Manager

Symbol key:
*: (no covered by the accreditation)
<: Less than, >: Greater than, LOQ: Limit of Quantification, MPN: Most Probable Number, cfu: ColonyForming Units
Details regarding measuring uncertainty can be obtained by contacting the laboratory.