

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

In May 2009, the Department for hygiene and disease prevention was contacted by

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

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.

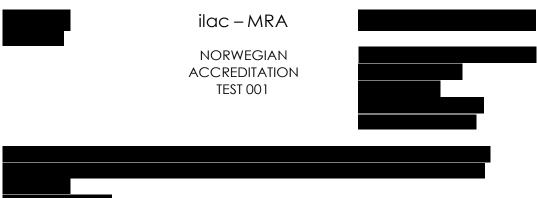
Results: The contact dishes were sent for microbiological examination at Measurement analysis dept., see attached. Staph.aureus, Germ quantity anaerobic 30°C and Germ quantity 30°C were tested for.

Test no.	Test venue	Staph.aureus	Germ qty.	Germ qty. 30°C
			anaerobic 30°	
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.

Hygiene Nurse



Sample received: 20.05.2009

Temperature:

Analysis period: 20.05.2009-25.05.2009

Reference:

ANALYSIS REPORT

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

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

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

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Test no.:	437-2009-0520-230		Sampling date:	15.05.2009	
Test type:	Env. test swab		Sample taker:	Client	
Test marking:	Env. test 4		Place of		
			sampling:	20.05.2009	
			Analysis date:		
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	

, 25 May 2009	
[signed]	

Microbiologist / Department Manager

Symbol key:

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