

1 **ADDITIONAL FILE 1**

2 Concentration of airborne bacteria in different areas at the hospital sampled using different active
 3 samplers^a.

Sampling area	Concentration on SA (CFU/m ³) Av (range)	Concentration on NA (CFU/m ³) Av (range)	n ^a	Staphylococcus species	Other species	Number of employees/visitors ^b
Locker room for female employees	61 (BD-113)	188 (137-239)	3	-	<i>Micrococcus luteus</i>	<5/none
	69 (BD-264)	469 (BD-1399)	6	<i>S. caprae</i> <i>S. epidermidis</i>	<i>Micrococcus luteus</i>	None/none
	222 (BD-438)	1061 (BD-2564)	3	<i>S. epidermidis</i> <i>S. hominis</i> <i>S. pettenkoferi</i>	<i>Kytococcus sedentarius</i>	<10/none
Patient reception/waiting room	17 (BD-21)	550 (BD-1299)	4	-	<i>Bacillus infantis</i>	<10/none
	25 (BD-44)	171 (125-218)	2	-	<i>Micrococcus luteus</i>	<5/<5 One patient with known MRSA
	26 (BD-44)	BD	2	-	<i>Micrococcus luteus</i>	None/none
	9 (BD-22)	BD	2	<i>S. epidermidis</i>	<i>Bacillus sp.</i>	None/none
	444 (343-545)	308 (BD-533)	2	-	<i>Corynebacterium stationis</i> <i>Micrococcus luteus</i>	<5/<10
	379 (164-595)	371 (BD-742)	4	-	<i>Bacillus licheniformis</i> <i>Micrococcus luteus</i> <i>Microbacterium testaceum</i>	<5/<10
	30 (BD-50)	124 (BD-166)	2	<i>S. epidermidis</i>	<i>Micrococcus luteus</i>	<5/<10
	BD	147 (BD-297)	4	<i>S. epidermidis</i>		<5/<5
110 (BD-210)	131 (BD-179)	2	<i>S. epidermidis</i> <i>S. hominis</i>	<i>Micrococcus luteus</i>	<5/<5	
Bed washes	78 (BD-285)	159 (BD-416)	6	<i>S. hominis</i>	-	<5/none
Cellar with bed and laundry transport	BD	66 (BD-107)	3	-	<i>Arthrobacter sp.</i> <i>Bacillus licheniformis</i>	<5/<5
Main entrance	Ns	339	1	<i>S. epidermidis</i>	<i>Kytococcus sedentarius</i>	>20 people
Lunchroom for employees	Ns	643	1	<i>S. epidermidis</i> <i>S. cohnii</i> <i>S. hominis</i> <i>S. hyicus</i> <i>S. pasteurii</i> <i>S. pettenkoferi</i> <i>S. simulans</i> <i>S. warneri</i>	<i>Bacillus licheniformis</i> <i>Bacillus altitudinis</i> <i>Bacillus pumilus</i> <i>Kocuria marina</i> <i>Kocuria rosea</i> <i>Kytococcus sedentarius</i> <i>Microbacterium sp</i> <i>Micrococcus luteus</i> <i>Moraxella osloensis</i> <i>Pseudomonas stutzeri</i> <i>Solibacillus silvestris</i>	>20/none
Lunch desk for visitors	Ns	714	1	-	<i>Bacillus pumilus</i> <i>Kytococcus sedentarius</i> <i>Microbacterium sp.</i>	<10 people
Average, Median	106, 46	329, 188	-	-	-	
Outdoor reference	26 (BD-44)	BD	2	-	-	<10 people

4 ^an= number of samples, samples were taken using GSP-sampler, IOM-sampler, BioSampler and ACI-
 5 6-stage sampler; ^bnumber of people present in the sampling area in addition to the occupational
 6 hygienist was categorized as: none, less than 5, less than 10, and more than 20. The number of visitors

7 including patients; SA= SaSelect agar plates; NA=nutrient agar plates; BD=below detection level;

8 ns=not studied.