

Supplementary Table 1.*Analysis of the certainty score based on percentage of enrichment of cultures*

	no (N=35)	yes (N=15)	Total (N=50)	p value
Germ				0.441
Candida parapsilosis	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Clostridium spezieis	0 (0.0%)	1 (6.7%)	1 (2.0%)	
Cornyebacterium aurimucosum	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Enterobacter cloacae	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Enterococcus faecalis	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Pantoea agglomerans	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Propionibacterium acnes	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Proteus mirabilis	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Staphylococcus aureus	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Staphylococcus aureus, MRSA	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Staphylococcus capitis	5 (14.3%)	2 (13.3%)	7 (14.0%)	
Staphylococcus caprae	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Staphylococcus cohnii	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Staphylococcus epidermidis	10 (28.6%)	7 (46.7%)	17 (34.0%)	
Staphylococcus epidermidis group	0 (0.0%)	2 (13.3%)	2 (4.0%)	
Staphylococcus haemolyticus	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Staphylococcus hominis	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Staphylococcus lentus	0 (0.0%)	1 (6.7%)	1 (2.0%)	
Staphylococcus lugdunensis	0 (0.0%)	1 (6.7%)	1 (2.0%)	
Staphylococcus pettenkoferi	0 (0.0%)	1 (6.7%)	1 (2.0%)	
Streptococcus agalactiae	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Streptococcus group C (hem)	1 (2.9%)	0 (0.0%)	1 (2.0%)	
Group				0.175
Anaerobes	0 (0.0%)	1 (6.7%)	1 (2.0%)	
Candida parapsilosis	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Enterobacterales	3 (8.6%)	0 (0.0%)	3 (6.0%)	
Enterococcus faecalis	2 (5.7%)	0 (0.0%)	2 (4.0%)	
Other gram-positive bacteria	4 (11.4%)	0 (0.0%)	4 (8.0%)	
Staph. epidermidis group	21 (60.0%)	14 (93.3%)	35 (70.0%)	
Staphylococcus aureus	3 (8.6%)	0 (0.0%)	3 (6.0%)	
Certainty				0.041
Min	0.42	0.42	0.42	
Max	2.49	1.41	2.49	
Median (IQR)	1.00 (0.42, 2.49)	0.71 (0.42, 1.41)	1.00 (0.42, 2.49)	
Mean (95% CI)	1.06 (0.90, 1.22)	0.78 (0.64, 0.93)	0.98 (0.85, 1.10)	
Consolidation				0.199
no	15 (42.9%)	3 (20.0%)	18 (36.0%)	
yes	20 (57.1%)	12 (80.0%)	32 (64.0%)	

Supplementary Table 2.*Outcome of the mathematical modelling*

	Model A: Time to consolidation	Model B: Prediction of consolidation
ASA	-0.49 CI [-0.97, 0.00]	
Age	-0.41 CI [-0.89, 0.08]	-1.32 * CI [-2.53, -0.10]
Smoking		-2.42 * CI [-4.65, -0.19]
Diabetes	2.96 * CI [0.29, 5.64]	-3.07 * CI [-6.00, -0.14]
BMI		-1.42 * CI [-2.71, -0.13]
N	30	42
R2	0.38	
AIC	102.75	39.30
BIC	109.76	47.99
Pseudo R ²		0.56

All continuous predictors are mean-centered and scaled by 1 standard deviation.

*** p < 0.001; ** p < 0.01; * p < 0.05.