

Simple indicator of increased blood culture contamination rate by detection of coagulase-negative staphylococci

Kei Yamamoto^{a*}, Kazuhisa Mezaki^b, Norio Ohmagari^a

Supplementary Table 1. The result of multiple comparisons of the area under the curve

	Indicator A	Indicator B	Indicator C
Indicator B	$p=0.00074^*$	-	-
Indicator C	$p=0.00035^*$	$p=0.024^*$	-
Indicator D	$p=0.00017^*$	$p=0.012^*$	$p=0.27$
Number of CoNS detected per specimen (Indicator A)			
Number of CoNS detected per case (Indicator B)			
Cases with only one set of positive CoNS (Indicator C)			
Contamination cases by CoNS (Indicator D)			
*Those with a significant difference at 5% significance probability by Holm correction.			
CoNS: coagulase-negative staphylococci			

Supplementary Table 2. The area under the curve calculated from the ROC curve when the blood culture contamination rate to be predicted was changed.

Condition of contamination rate	Months that meet the conditions, n (%)	Indicator A	Indicator B	Indicator C	Indicator D
		Area under the curve			
2.0	53	0.923	0.963	0.981	0.981
2.5	29	0.840	0.916	0.945	0.957
3.0	15	0.891	0.933	0.969	0.958
3.5	6	0.910	0.938	0.962	0.972
4.0	3	0.941	0.972	0.977	0.987
Number of CoNS detected per specimen (Indicator A)					
Number of CoNS detected per case (Indicator B)					

Cases with only one set of positive CoNS (Indicator C)

Contamination cases by CoNS (Indicator D)

CoNS: coagulase-negative staphylococci; ROC: Receiver operating characteristic
