

1 **Evaluation of Optimal Blood Culture Incubation Time to Maximize Clinically Relevant**
2 **Results from a Contemporary Blood Culture Instrument and Media System**

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14 Running header: VIRTUO Blood Culture Incubation Time

15 Abbreviations list: HACEK: *Haemophilus*, *Aggregatibacter*, *Cardiobacterium*, *Eikenella*, and
16 *Kingella* species

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18 Keywords: Blood culture, VIRTUO, Time to Positivity, BACT/ALERT, FA, FN, *Staphylococcus*
19 *aureus*, Growth Rate

20 Table S1: Bottle count by recovered species or grouping. Only species recovered from at least twenty
 21 bottles are shown. There is an important distinction between this table and Table 1 accounting for count
 22 differences. Table 1 refers to the number of bottles containing a given species. This is not “weighted” so
 23 if a bottle had two isolates of the same species, it is only counted as one bottle. On the other hand, Table
 24 S1 contains data for each occurrence of a species isolate.

Reported Species or Grouping	Total Count	% of Positive Bottles	% of All Bottles
<i>Staphylococcus aureus</i>	4,199	30.9%	2.65%
Coagulase-negative <i>Staphylococcus</i> spp.*	2,215	16.3%	1.40%
<i>Escherichia coli</i>	1,452	10.7%	0.91%
<i>Staphylococcus epidermidis</i>	1,438	10.6%	0.91%
<i>Klebsiella pneumoniae</i>	510	3.8%	0.32%
<i>Enterococcus faecalis</i>	485	3.6%	0.31%
<i>Enterococcus faecium</i>	417	3.1%	0.26%
<i>Pseudomonas aeruginosa</i>	307	2.3%	0.19%
Viridans group streptococci*	243	1.8%	0.15%
<i>Proteus mirabilis</i>	213	1.6%	0.13%
<i>Streptococcus mitis</i> group	208	1.5%	0.13%
<i>Streptococcus pneumoniae</i>	192	1.4%	0.12%
<i>Serratia marcescens</i>	172	1.3%	0.11%
<i>Enterobacter cloacae</i> complex	163	1.2%	0.10%
<i>Staphylococcus hominis</i>	159	1.2%	0.10%
<i>Streptococcus agalactiae</i>	150	1.1%	0.09%
<i>Staphylococcus capitis</i>	147	1.1%	0.09%
<i>Cutibacterium</i> spp.	121	0.8%	0.07%
<i>Streptococcus dysgalactiae</i>	113	0.8%	0.07%
<i>Staphylococcus haemolyticus</i>	106	0.8%	0.07%
<i>Candida glabrata</i>	104	0.7%	0.06%
<i>Bacillus</i> spp., not <i>B. anthracis</i>	101	0.7%	0.06%
<i>Corynebacterium</i> spp.	96	0.7%	0.06%
<i>Candida albicans</i>	84	0.6%	0.05%
<i>Klebsiella variicola</i>	81	0.6%	0.05%
<i>Bacteroides fragilis</i> group	79	0.6%	0.05%
<i>Staphylococcus lugdunensis</i>	69	0.5%	0.04%
<i>Enterobacter aerogenes</i>	67	0.5%	0.04%
<i>Streptococcus pyogenes</i>	64	0.5%	0.04%
<i>Streptococcus salivarius</i> group	63	0.5%	0.04%
<i>Corynebacterium striatum</i>	56	0.4%	0.04%
<i>Micrococcus</i> spp.	56	0.4%	0.04%

<i>Candida parapsilosis</i>	50	0.4%	0.03%
<i>Klebsiella oxytoca</i>	46	0.3%	0.03%
No organism recovered	46	0.3%	0.03%
<i>Streptococcus bovis</i> group	45	0.3%	0.03%
<i>Streptococcus anginosus</i>	43	0.3%	0.03%
<i>Candida tropicalis</i>	40	0.3%	0.03%
Coryneform bacteria*	33	0.2%	0.02%
<i>Haemophilus influenzae</i>	29	0.2%	0.02%
<i>Morganella morganii</i>	28	0.2%	0.02%
<i>Parvimonas micra</i>	28	0.2%	0.02%
<i>Streptococcus constellatus</i>	27	0.2%	0.02%
<i>Actinomyces</i> species	26	0.2%	0.02%
<i>Salmonella</i> species	26	0.2%	0.02%
<i>Stenotrophomonas maltophilia</i>	26	0.2%	0.02%
<i>Acinetobacter</i> species	25	0.2%	0.02%
<i>Lactobacillus rhamnosus</i>	25	0.2%	0.02%
<i>Clostridium perfringens</i>	23	0.2%	0.02%
<i>Staphylococcus schleiferi</i>	23	0.2%	0.01%
<i>Lactobacillus</i> species	22	0.2%	0.01%
<i>Citrobacter freundii</i> complex	21	0.2%	0.01%
<i>Eggerthella lenta</i>	21	0.2%	0.01%

25 *not otherwise specified