

Supplemental Table. Microbiology of PJI subjects with positive sonicate fluid culture or PCR-ESI/MS

Organism	Sonicate fluid culture - number detected	PCR-ESI/MS – number detected
coagulase-negative <i>Staphylococcus</i> sp.(SCN)	39	40
<i>Staphylococcus aureus</i>	24	28
polymicrobial	13 ^a	12 ^b
<i>Enterococcus</i> sp.	5	6
<i>Propionibacterium acnes</i>	4	6
<i>Pseudomonas aeruginosa</i>	3	3
viridans group <i>Streptococcus</i> sp.	2	4
<i>Streptococcus agalactiae</i>	2	3
<i>Escherichia coli</i>	2	2
<i>Fingoldia magna</i>	2	2
group G <i>Streptococcus</i> sp.	2	1
<i>Serratia marcescens</i>	1	3
<i>Streptococcus dysgalactiae</i>	1	2
<i>Actinomyces naeslundii</i>	1	1
<i>Candida albicans</i>	1	1
<i>Capnocytophaga canimorsus</i>	1	1
<i>Abiotrophia/Granulicatella</i> sp.	1	1
<i>Proteus mirabilis</i>	1	1
<i>Corynebacterium simulans</i>	1	0
<i>Streptococcus pyogenes</i>	0	1

^aIncludes three SCN plus *Enterococcus* sp.; one each of SCN plus *Corynebacterium* sp., SCN plus *P. acnes*, SCN plus *F. magna*, SCN plus *S. aureus*, *S. aureus* plus *F. magna*; SCN plus *Corynebacterium* sp. plus *E. coli*, SCN plus *Corynebacterium* sp. plus *S. aureus*, *S. aureus* plus *F. magna* plus *Enterococcus* sp., *F. magna* plus *Peptostreptococcus* sp. plus *Actinomyces neuii* plus *Porphyromonas* sp. plus *P. aeruginosa* plus *S. aureus*, and *Actinomyces odontolyticus* plus *Prevotella melaninogenica* plus *Enterococcus* sp. plus

Abiotropia/Granulicatella sp. plus *F. magna* plus *Veillonella* sp. plus viridans group *Streptococcus* sp. plus *Pandoraea norinbergensis*

^b Includes one each of *Staphylococcus epidermidis* plus *Enterococcus faecium*, *S. epidermidis* plus *Enterococcus faecalis*, *S. epidermidis* plus *Corynebacterium striatum*, *S. epidermidis* plus *F. magna*; *Staphylococcus lugdunensis* plus *F. magna*, *Burkholderia multivorans* plus *F. magna*, *P. melaninogenica* plus *F. magna*, *S. lugdunensis* plus viridans/mitis group *Streptococcus* sp., *S. aureus* plus *E. faecium*, *S. aureus* plus *P. aeruginosa*, *S. aureus* plus *F. magna* plus *Enterobacter cloacae* complex, and *E. coli* plus *Shigella boydii* plus *S. epidermidis*