

# Supplementary material

**Supplementary Table S1.** Microorganisms ( $n = 117$ ) isolated from corneal cultures of episodes of infectious keratitis ( $n = 94$ ) according to different culture methods.

	Number of microorganisms isolated by standard method and indirect inoculation method (number of these isolated without enrichment in FAB)	Number of microorganisms isolated by standard method only (number of these isolated without enrichment in FAB)	Number of microorganisms isolated by indirect inoculation method only (number of these isolated without enrichment in FAB)	Number of culture negative readings by both standard method and indirect inoculation method (number found negative without enrichment in FAB)	Cohen's kappa [95% CI] for agreement between standard method and indirect inoculation method (agreement between both methods without enrichment in FAB)
<i>Staphylococcus aureus</i> ( $n = 5$ )	0 (0)	5 (5)	0 (0)	89 (89)	0 [nc <sup>a</sup> ] (0 [nc <sup>a</sup> ])
<i>Staphylococcus epidermidis</i> ( $n = 31$ )	6 (5)	18 (10)	7 (5)	63 (74)	0.18 [0–0.40] (0.31 [0.05–0.58])
Other coagulase-negative staphylococci ( $n = 10$ )	1 (1)	5 (4)	4 (4)	84 (85)	0.13 [0–0.45] (0.16 [0–0.50])
<i>Streptococcus pneumoniae</i> ( $n = 1$ )	1 (1)	0 (0)	0 (0)	93 (93)	1 [1–1] (1 [1–1])
<i>Enterococcus faecalis</i> ( $n = 2$ )	1 (1)	1 (1)	0 (0)	92 (92)	0.66 [0.04–1] (0.66 [0.04–1])
<i>Corynebacterium</i> spp. ( $n = 24$ )	12 (12)	10 (10)	2 (2)	70 (70)	0.59 [0.39–0.80] (0.59 [0.39–0.80])
<i>Brachybacterium</i> spp. ( $n = 1$ )	0 (0)	1 (0)	0 (0)	93	0 [0–0]
<i>Streptococcus mitis</i> ( $n = 1$ )	1 (1)	0 (0)	0 (0)	93 (93)	1 [1–1] (1 [1–1])
<i>Micrococcus</i> spp. ( $n = 2$ )	0 (0)	2 (2)	0 (0)	92 (92)	0
<i>Enterobacter cloacae</i> ( $n = 1$ )	0 (0)	0 (0)	1 (1)	93 (93)	0 [0–0] (0 [0–0])
<i>Pantoea</i> spp. ( $n = 2$ )	0 (0)	1 (0)	1 (1)	92 (93)	<sup>b</sup> (0 [0–0])
<i>Pseudomonas aeruginosa</i> ( $n = 3$ )	2 (2)	1 (1)	0 (0)	91 (91)	0.79 [0.39–1] (0.79 [0.40–1])
<i>Moraxella</i> spp. ( $n = 2$ )	1 (1)	0 (0)	1 (1)	92 (92)	0.66 [0.04–1] (0.66 [0.04–1])
<i>Haemophilus parainfluenzae</i> ( $n = 1$ )	1 (1)	0 (0)	0 (0)	93 (93)	1 [1–1] (1 [1–1])
<i>Cutibacterium acnes</i> ( $n = 27$ )	4 (1)	13 (3)	10 (0)	67 (90)	0.11 [0–0.34] (0.39 [0–0.93])
<i>Cutibacterium avidum</i> ( $n = 1$ )	0 (0)	0 (0)	1 (0)	93	0 [0–0]
<i>Staphylococcus saccharolyticus</i> ( $n = 1$ )	0 (0)	0 (0)	1 (1)	93 (93)	0 [0–0] (0 [0–0])
<i>Veillonella parvula</i> ( $n = 1$ )	0 (0)	1 (0)	0 (0)	93	0 [0–0]
<i>Candida albicans</i> ( $n = 1$ )	0 (0)	1 (0)	0 (0)	93	0 [0–0]
Total ( $n = 117$ )	30 (26)	59 (36)	28 (15)	1669 (1333)	0.38 [0.28–0.49] (0.49 [0.37–0.61])
Potentially pathogenic <sup>c</sup> ( $n = 22$ )	7 (7)	11 (7)	4 (3)	1200 (829)	0.48 [0.25–0.70] (0.58 [0.34–0.81])
Commensals <sup>d</sup> ( $n = 95$ )	23 (19)	48 (29)	24 (12)	469 (504)	0.32 [0.20–0.44] (0.44 [0.30–0.59])

<sup>a</sup> nc: quantity could not be calculated. <sup>b</sup> Kappa not calculated because observed concordance was smaller than mean chance. <sup>c</sup> Potentially pathogenic<sup>1</sup>: *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Enterococcus faecalis*, *Brachybacterium* spp., *Streptococcus mitis*, *Enterobacter cloacae*, *Pantoea* spp., *Pseudomonas aeruginosa*, *Moraxella* spp., *Haemophilus parainfluenzae*, *Cutibacterium avidum*, *Veillonella parvula*, *Candida albicans*. <sup>d</sup> Commensals<sup>1</sup>: Coagulase-negative staphylococci (CoNS), *Corynebacterium* spp., *Cutibacterium acnes*, *Micrococcus* spp.

## Reference

1. Fleiszig SM, Efron N. Microbial flora in eyes of current and former contact lens wearers. *J Clin Microbiol* **1992**; 30:1156–1161.