

Appendix 1.1

Patient information and outcomes

Patient	Age	Gender	Primary/revision	Arthroplasty	Organism(s) ^a	Implant-DAIR duration (weeks) ^b	Symptom onset-DAIR (days) ^c	KLIC-score	Treatment failure
1	81	f	Primary	TKA	No growth	1w 5d	0	2	Yes
2	58	m	Revision	TKA	No growth	4w 1d	0	7.5	No
3	77	f	Primary	TKA	No growth	8w 2d	0	2	No
4	86	f	Primary	TKA	No growth	14w	84	2	Yes
5	91	m	Revision	TKA	No growth	44w 6d	-	5.5	Yes
6	69	m	Revision	TKA	No growth	104w 5d	67	2	Yes
7	64	m	Primary	TKA	Pseudomonas, enterococcus, proteus	4w	3	2	No
8	81	f	Revision	TKA	Strep. Pneumoniae	382w 4d	6	6.5	No
9	84	m	Revision	TKA	Citrobacter	41w 5d	6	7.5	Yes
10	76	m	Revision	TKA	Citrobacter	80w 6d	206	3.5	Yes
11	80	f	Primary	TKA	E. Faecalis	2w 5d	5	4.5	No
12	71	m	Primary	TKA	Group B Strep.	33w 6d	3	4.5	No
13	81	m	Revision	TKA	Group B Strep.	366w 5d	6	6	No
14	54	f	Primary	PFJR	Strep. Agalacticae	-	0	4.5	No
15	85	f	Primary	TKA	Strep. Parasanguinus	27w 4d	4	6.5	No
16	68	f	Primary	TKA	S. Aureus	5w 3d	0	4.5	Yes
17	87	m	Primary	TKA	S. Aureus	5w 5d	1	6	No
18	81	f	Revision	TKA	S. Aureus	8w 6d	0	5	No
19	71	f	Primary	TKA	S. Aureus	184w	1	5.5	No
20	59	m	Primary	TKA	S. Aureus	344w 1d	36	6.5	Yes
21	80	m	Primary	UKA	S. Aureus	-	-	6	Yes
22	55	m	Primary	PFJR	S. Aureus	156w 5d	1	2	No
23	55	m	Primary	TKA	S. Aureus	1w 4d	6	4.5	No
24	73	f	Primary	TKA	S. Aureus	3w	1	2	No
25	63	m	Primary	TKA	S. Aureus	13w 1d	19	4.5	Yes
26	65	f	Primary	TKA	S. Aureus	18w	7	4.5	No
27	71	m	Primary	TKA	S. Aureus	22w 2d	2	8	Yes
28	73	f	Primary	TKA	S. Aureus	29w 5d	5	4.5	No
29	75	f	Primary	TKA	S. Aureus	29w 6d	16	6.5	No
30	52	m	Primary	TKA	S. Aureus	85w	3	6.5	Yes
31	75	m	Primary	TKA	S. Aureus	93w 1d	11	3.5	No
32	73	f	Primary	TKA	S. Aureus	133w 6d	6	6	No
33	81	m	Primary	TKA	S. Aureus	229w	2	3.5	No
34	72	m	Revision	TKA	S. Aureus	245w 3d	1	6	No
35	73	f	Primary	TKA	S. Aureus	288w 6d	12	4	Yes
36	80	f	Primary	TKA	S. Aureus	486w 4d	7	4.5	No
37	84	m	Revision	TKA	CoNS	3w	0	3.5	No
38	81	m	Primary	TKA	CoNS	5w	10	2	No
39	74	f	Primary	TKA	CoNS, bacillus sp.	6w 1d	8	4.5	No
40	48	m	Revision	TKA	CoNS	6w 4d	12	5	No
41	69	f	Primary	TKA	CoNS	8w	56	4.5	No

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42	72	f	Revision	TKA	CoNS	9w 4d	15	8	Yes
43	67	f	Revision	TKA	CoNS	12w	67	3.5	No
44	79	m	Primary	TKA	CoNS	115w	19	6.5	No
45	68	m	Primary	TKA	CoNS	115w	4	2	No
46	68	m	Revision	TKA	CoNS	3w 5d	10	7.5	No
47	69	m	Primary	UKA	CoNS	4w 3d	-	0	No
48	83	f	Primary	TKA	CoNS	12w 5d	89	4.5	No
49	73	f	Revision	TKA	E. Cloacae	8w 5d	61	3.5	No
50	65	m	Primary	TKA	E. Coli, M. Morganii	2w 1d	-	3.5	Yes
51	82	m	Primary	TKA	E. Coli	145w 3d	7	4.5	No
52	67	f	Primary	TKA	Group G Strep.	88w 6d	5	4.5	No
53	65	m	Primary	TKA	Group G Strep.	118w 5d	6	6	Yes
54	59	m	Primary	TKA	Group G Strep.	124w 3d	5	6.5	No
55	59	m	Primary	TKA	Group G Strep.	124w 3d	7	4.5	No
56	78	m	Primary	TKA	Group G Strep.	246w	3	2	No
57	71	m	Primary	TKA	Group G Strep.	279w 6d	8	4.5	Yes
58	86	f	Primary	TKA	Group G Strep.	552w	3	2	Yes
59	77	m	Revision	TKA	Group C Strep.	34w 6d	-	5.5	No

a. 'No growth' indicates patients where the infecting organism was not identified prior to debridement

b. Where there is no Implant - DAIR duration - this indicates documentation of such dates was incomplete

c. Where there is no symptom onset - DAIR duration - this indicates documentation of such dates was incomplete

TKA - Total Knee Arthroplasty, PFJR - Patello-femoral Joint Replacement, UKA - Unicompartmental Knee Arthroplasty

SA - *Staphylococcus aureus*, CoNS - *coagulase negative Staphylococci*, E. Coli - *Escherichia coli*, E. cloacae - *Enterobacter cloacae*