

Supplementary Table 6. Inconclusive studies – individual and overall tables

Adhikari et al (1995)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
<i>Staphylococcus aureus</i>	0	0	
<i>Coagulase Negative Staphylococci</i>			
Group A Streptococci/ <i>Streptococcus Pyogenes</i>			
Group B Streptococci	14	13	
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>	1	3	
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives			
All Gram positives	15	16	0
<i>Klebsiella pneumoniae</i>	11	8	
Other/unspecified <i>Klebsiella</i> species			
<i>Escherichia Coli</i>	7	5	
<i>Pseudomonas</i> species	1	1	
<i>Enterobacter</i> species		1	
<i>Serratia</i> species			
<i>Proteus</i> species		2	
<i>Salmonella</i> species		2	
<i>Citrobacter</i> species			
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species		1	
<i>Moraxella</i> species			
Other/unspecified Gram negatives			
All Gram negatives	19	20	0
Non-stated/Undetermined			
Totals	34	36	0
TOTAL			70

Al-Zwaini et al (2002)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		0-28 days	
<i>Staphylococcus aureus</i>		22	
<i>Coagulase Negative Staphylococci</i>			
Group A Streptococci/ <i>Streptococcus Pyogenes</i>			
Group B Streptococci		0	
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>		1	
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives			
All Gram positives	0	23	0
<i>Klebsiella pneumoniae</i>		4	
Other/unspecified <i>Klebsiella</i> species			
<i>Escherichia Coli</i>		5	
<i>Pseudomonas</i> species		2	
<i>Enterobacter</i> species			
<i>Serratia</i> species		2	
<i>Proteus</i> species		2	
<i>Salmonella</i> species		1	
<i>Citrobacter</i> species			
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>		1	
<i>Acinetobacter</i> species			
<i>Moraxella</i> species			
Other/unspecified Gram negatives			
All Gram negatives	0	17	0
Non-stated/Undetermined			
Totals	0	40	0
TOTAL			40

Chaturvedi et al (1989)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		Neonates/Ne wborns	
<i>Staphylococcus aureus</i>			
<i>Coagulase Negative Staphylococci</i> (CONS)		254	
Group A Streptococci/ <i>Streptococcus</i> <i>Pyogenes</i>			
Group B Streptococci			
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>			
Other/unspecified <i>Streptococcus</i> species		35	
Other/ unspecified Gram positives		126	
All Gram positives	0	415	0
<i>Klebsiella pneumoniae</i>			
Other/unspecified <i>Klebsiella</i> species		259	
<i>Escherichia Coli</i>		168	
<i>Pseudomonas</i> species		142	
<i>Enterobacter</i> species		1	
<i>Serratia</i> species			
<i>Proteus</i> species		10	
<i>Salmonella</i> species		19	
<i>Citrobacter</i> species		3	
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species		23	
<i>Moraxella</i> species		2	
Other/unspecified Gram negatives		8	
All Gram negatives	0	635	0
Non-stated/Undetermined			
Totals	0	1050	0
TOTAL			1050

Fadero et al (2007)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		Early and late onset	
<i>Staphylococcus aureus</i>		14	
<i>Coagulase Negative Staphylococci</i>		1	
Group A Streptococci/ <i>Streptococcus Pyogenes</i>			
Group B Streptococci			
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>			
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives		1	
All Gram positives	0	16	0
<i>Klebsiella pneumoniae</i>		1	
Other/unspecified <i>Klebsiella</i> species			
<i>Escherichia Coli</i>		2	
<i>Pseudomonas</i> species			
<i>Enterobacter</i> species			
<i>Serratia</i> species			
<i>Proteus</i> species		2	
<i>Salmonella</i> species			
<i>Citrobacter</i> species			
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species			
<i>Moraxella</i> species			
Other/unspecified Gram negatives			
All Gram negatives	0	5	0
Non-stated/Undetermined			
Totals	0	21	0
TOTAL			21

Milledge et al (2005)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		8-30 days	
<i>Staphylococcus aureus</i>	57	30	
<i>Coagulase Negative Staphylococci</i>			
Group A Streptococci/ <i>Streptococcus Pyogenes</i>	15	41	
Group B Streptococci	61	75	
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>	25	54	
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives	49	23	
All Gram positives	207	223	0
<i>Klebsiella pneumoniae</i>			
Other/unspecified <i>Klebsiella</i> species	41	19	
<i>Escherichia Coli</i>	41	26	
<i>Pseudomonas</i> species			
<i>Enterobacter</i> species			
<i>Serratia</i> species			
<i>Proteus</i> species			
<i>Salmonella</i> species	20	90	
<i>Citrobacter</i> species			
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species			
<i>Moraxella</i> species			
Other/unspecified Gram negatives	71	46	
All Gram negatives	173	181	0
Non-stated/Undetermined			
Totals	380	404	0
TOTAL			784

Rao et al (1993)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		>7 days	
<i>Staphylococcus aureus</i>	32	28	
<i>Coagulase Negative Staphylococci</i>	25	23	
Group A Streptococci/ <i>Streptococcus Pyogenes</i>	0	1	
Group B Streptococci			
Group D Streptococci/ <i>Enterococcus</i>	0	2	
Group G Streptococci			
<i>Streptococcus pneumoniae</i>			
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives			
All Gram positives	57	54	0
<i>Klebsiella pneumoniae</i>			
Other/unspecified <i>Klebsiella</i> species	18	5	
<i>Escherichia Coli</i>	12	8	
<i>Pseudomonas</i> species	10	20	
<i>Enterobacter</i> species	0	2	
<i>Serratia</i> species			
<i>Proteus</i> species			
<i>Salmonella</i> species	2	13	
<i>Citrobacter</i> species	10	14	
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species	13	10	
<i>Moraxella</i> species			
Other/unspecified Gram negatives	2	5	
All Gram negatives	67	77	0
Non-stated/Undetermined			
Totals	124	131	0
TOTAL			255

Saxena et al (1980)			
Organism Isolated	≤7 days of life	8-59 days of life	60-90 days of life
		Neonates/Ne wborns	
<i>Staphylococcus aureus</i>		6	
<i>Coagulase Negative Staphylococci</i>			
Group A Streptococci/ <i>Streptococcus Pyogenes</i>			
Group B Streptococci			
Group D Streptococci/ <i>Enterococcus</i>			
Group G Streptococci			
<i>Streptococcus pneumoniae</i>			
Other/unspecified <i>Streptococcus</i> species			
Other/ unspecified Gram positives		8	
All Gram positives	0	14	0
<i>Klebsiella pneumoniae</i>			
Other/unspecified <i>Klebsiella</i> species		1	
<i>Escherichia Coli</i>			
<i>Pseudomonas</i> species			
<i>Enterobacter</i> species			
<i>Serratia</i> species			
<i>Proteus</i> species			
<i>Salmonella</i> species			
<i>Citrobacter</i> species			
<i>Haemophilus influenzae</i>			
<i>Nisseria meningitidis</i>			
<i>Acinetobacter</i> species			
<i>Moraxella</i> species			
Other/unspecified Gram negatives		12	
All Gram negatives	0	13	0
Non-stated/Undetermined			
Totals	0	27	0
TOTAL			27

Inconclusive studies: all isolates by Age-of-Onset Organism Isolated	≤7 days of life		8-59 days of life		60-90 days of life	
	N	%	N	%	N	%
<i>Staphylococcus aureus</i>	89	17.3	100	19.5	0	0.0
Group A Streptococci/ Streptococcus Pyogenes	15	2.9	42	8.2	0	0.0
Group B Streptococci	75	14.6	88	17.2	0	0.0
Group D Streptococci/ Enterococcus	0	0.0	2	0.4	0	0.0
<i>Streptococcus pneumoniae</i>	26	5.1	58	11.3	0	0.0
Other/unspecified Streptococcus species	0	0.0	35	6.8	0	0.0
Other/ unspecified Gram positives	49	9.6	158	30.8	0	0.0
All Gram positives	254	49.5	483	94.2	0	0.0
<i>Klebsiella pneumoniae</i>	11	2.1	13	2.5	0	0.0
Other/unspecified <i>Klebsiella</i> species	59	11.5	284	55.4	0	0.0
<i>Escherichia Coli</i>	60	11.7	214	41.7	0	0.0
<i>Pseudomonas</i> species	11	2.1	165	32.2	0	0.0
<i>Enterobacter</i> species	0	0.0	4	0.8	0	0.0
<i>Serratia</i> species	0	0.0	2	0.4	0	0.0
<i>Proteus</i> species	0	0.0	16	3.1	0	0.0
<i>Salmonella</i> species	22	4.3	125	24.4	0	0.0
<i>Haemophilus influenzae</i>	0	0.0	0	0.0	0	0.0
<i>Neisseria meningitidis</i>	0	0.0	1	0.2	0	0.0
<i>Acinetobacter</i> species	13	2.5	34	6.6	0	0.0
Other/unspecified Gram negatives*	83	16.2	90	17.5	0	0.0
All Gram negatives	259	50.5	948	184.8	0	0.0
Non-stated/Undetermined	0	0.0	0	0.0	0	0.0
Totals	513	100.0	1431	278.9	0	0.0

* Includes data for *Citrobacter* Spp., *Moraxella* Spp., *Shigella* Spp., *Aeromonas* Spp. and others

Also extracted data for *Coagulase Negative Staphylococci*: ≤ 7 days of life – 25, 8-59 days of life – 278, 60-90 days of life – 0

Inconclusive studies: All organisms isolated		
Organism Isolated	N	%
<i>Staphylococcus aureus</i>	189	9.7
Group A Streptococci/ <i>Streptococcus Pyogenes</i>	57	2.9
Group B Streptococci	163	8.4
Group D Streptococci/ <i>Enterococcus</i>	2	0.1
<i>Streptococcus pneumoniae</i>	84	4.3
Other/unspecified <i>Streptococcus</i> species	35	1.8
Other/ unspecified Gram positives	207	10.6
All Gram positives	737	37.9
<i>Klebsiella pneumoniae</i>	24	1.2
Other/unspecified <i>Klebsiella</i> species	343	17.6
<i>Escherichia Coli</i>	274	14.1
<i>Pseudomonas</i> species	176	9.1
<i>Enterobacter</i> species	4	0.2
<i>Serratia</i> species	2	0.1
<i>Proteus</i> species	16	0.8
<i>Salmonella</i> species	147	7.6
<i>Haemophilus influenzae</i>	0	0.0
<i>Neisseria meningitidis</i>	1	0.1
<i>Acinetobacter</i> species	47	2.4
Other/unspecified Gram negatives*	173	8.9
All Gram negatives	1207	62.1
Non-stated/Undetermined	0	0.0
Total	1944	100.0

* Includes data for *Citrobacter* Spp., *Moraxella* Spp., *Shigella* Spp., *Aeromonas* Spp. and others

Also extracted data for *Coagulase Negative Staphylococci*: 303 cases

Inconclusive Studies: All Potential Pathogens Isolated		
Organism Isolated	N	%
Staphylococcus aureus	189	12.1
Group A Streptococci/ Streptococcus Pyogenes	57	3.6
Group B Streptococci	163	10.4
Group D Streptococci/ Enterococcus	2	0.1
Streptococcus pneumoniae	84	5.4
Other/unspecified Streptococcus species	35	2.2
Potentially Pathogenic Gram positives	530	33.9
Klebsiella pneumoniae	24	1.5
Other/unspecified Klebsiella species	343	21.9
Escherichia Coli	274	17.5
Pseudomonas species	176	11.3
Enterobacter species	4	0.3
Serratia species	2	0.1
Proteus species	16	1.0
Salmonella species	147	9.4
Haemophilus influenzae	0	0.0
Neisseria meningitidis	1	0.1
Acinetobacter species	47	3.0
Potentially Pathogenic Gram negatives	1034	66.1
Total	1564	100.0