

	Overall cohort	By pathogen group			p-value
	N=80	GBS ³ N=33	Enteric Gram-negative pathogens N=27	Respiratory pathogens N=9	
Age at meningitis onset (days)	26 [10,59]	41 [14,78]	17 [7,28]	122 [70,125]	<0.001
Meningitis onset					0.013
Early-onset (<7 days of life)	12 (15%)	4 (12%)	6 (22%)	1 (11%)	-
Late-onset (7-29 days of life)	30 (38%)	9 (27%)	15 (56%)	1 (11%)	-
Late late-onset (≥30 days of life)	38 (48%)	20 (61%)	6 (22%)	7 (78%)	
Gestational age (weeks)	38 [32,40]	38 [32,40]	34 [29,39]	39 [38,39]	0.25
Preterm	36 (45%)	20 (61%)	15 (56%)	2 (22%)	0.18
Male	55 (69%)	21 (64%)	21 (78%)	5 (56%)	0.35
CSF findings					
WBC x 10 ⁶ /L	882 [100,2850]	947 [60, 3809]	637 [97,2708]	1358 [690,11431]	0.51
Protein mg/L	251 [115,537]	250 [118, 464]	350 [167,626]	289 [112,600]	0.58
Glucose mg/L	36 [20,49]	35 [20, 49]	36 [10,45]	20 [20,36]	0.72
Culture data					0.92
Only blood culture positive	22 (28%)	8 (24%)	9 (33%)	3 (33%)	-
Only CSF culture positive	10 (12%)	4 (12%)	2 (7%)	1 (11%)	-
Blood and CSF culture positive	48 (60%)	21 (64%)	16 (59%)	5 (56%)	-
Organisms ¹					
Group B Streptococcus	34 (42%)				
Enteric gram-negative organisms					
<i>Escherichia coli</i>	20 (25%)				
<i>Klebsiella</i> species	5 (6%)				
<i>Enterobacter</i> species	1 (1%)				
<i>Citrobacter</i> species	1 (1%)				
<i>Serratia</i> species	1 (1%)				
Respiratory pathogens					
<i>Streptococcus pneumoniae</i>	7 (9%)				
<i>Neisseria Meningitidis</i>	1 (1%)				
<i>Haemophilus influenzae</i>	1 (1%)				
Other organisms	13 (16%)				
EEG performed	33 (41%)	13 (39%)	11 (41%)	5 (56%)	0.67
Neuroimaging performed	62 (78%)	25 (76%)	23 (85%)	8 (89%)	0.53
Head ultrasound	43 (54%)	17 (52%)	18 (67%)	3 (33%)	0.10
CT head	31 (39%)	11 (33%)	10 (37%)	6 (67%)	0.26
MRI	48 (60%)	15 (46%)	21 (78%)	7 (78%)	0.028

Data are presented as N (%), median [IQR]

¹Organism data does not add up to 100% as 3 patients had meningitis due to multiple organisms

²Other organisms included *Staphylococcus aureus* (n=4), *Enterococcus* species (n=3), *Bacillus* species (n=1), *Pasteurella multocida* (n=1), *Staphylococcus gallolyticus* (n=1), *Streptococcus mitis* (n=1), *Streptococcus lutetiensis* (n=2)

³One infant grew both GBS and *S pneumoniae* in CSF culture. For the purpose of this analysis, this infant was categorized into the respiratory pathogen group