

**Randomized controlled trial comparing cerebral perfusion pressure (CPP) targeted therapy versus intracranial pressure (ICP) targeted therapy for raised ICP due to acute central nervous system infections in children**

**Appendix-5: Subgroup analysis of mortality during PICU stay and upto day 90 after discharge from PICU and proportion of patients with modified Glasgow Coma Scale (m-GCS) scores 9 or more at 72 hours, at the time of removal of ICP catheter and discharge from PICU in the two study groups**

<b>Variables</b>	<b>ICP group</b>	<b>CPP group</b>	<b>RR (95% CI)</b>	<b>p value</b>
<b>Mortality</b>				
<b>During PICU stay</b>				
Acute Meningitis	9 / 22 (41)	2 / 20 (10)	4.1 (1.0–16.71)	0.035 <sup>a</sup>
Acute Encephalitis	11 / 33 (33.3)	8 / 35 (22.8)	1.46 (0.67–3.7)	0.489 <sup>b</sup>
<b>Total mortality 90 days post discharge</b>				
Acute Meningitis	9 / 22 (41)	2 / 20 (10)	4.1 (1.0–16.71)	0.035 <sup>a</sup>
Acute Encephalitis	12 / 33 (36.4)	8 / 35 (22.8)	1.59 (0.75–3.39)	0.339 <sup>b</sup>
<b>m-GCS score 9 or more</b>				
<b>(i) at 72 hours</b>				
Acute Meningitis	8 / 22 (36.4)	18 / 20 (90)	0.40 (0.23–0.72)	0.001 <sup>a</sup>
Acute Encephalitis	11 / 33 (33.3)	23 / 35 (65.7)	1.59 (0.75–3.39)	0.015 <sup>b</sup>
<b>(ii) at the time of ICP catheter removal</b>				
Acute Meningitis	11 / 22 (50)	18 / 20 (90)	0.56 (0.36–0.86)	0.007 <sup>b</sup>
Acute Encephalitis	14 / 33 (42.4)	24 / 35 (68.6)	0.62 (0.39–0.98)	0.054 <sup>b</sup>
<b>(iii) at the time of discharge from PICU</b>				
Acute Meningitis	12 / 22 (54.5)	18 / 20 (90)	0.61 (0.40–0.91)	0.017 <sup>a</sup>
Acute Encephalitis	20 / 33 (60.6)	27 / 35 (77.1)	0.79 (0.57–1.09)	0.225 <sup>b</sup>

All data presented as number of patients with the specified outcome /total number of patients followed and percentage in parentheses.

**Abbreviations:** RR-Relative risk; CI-Confidence interval.

<sup>a</sup> Fisher's exact test

<sup>b</sup> Corrected Chi-square test