

Exclusion criteria

- The culture result is positive only for fungus
- The medical record is not available

Sample size calculation: Sample size calculation was performed using Epi info 6 version 3.5.1. The estimated sample sizes are 34 for case and 99 for control group. The ratio of case and control from is 1:3. Total estimated study group of neonatal septicemia are 133 neonates.

Variable	Dead (N=34)	Alive (N=99)	OR	95% CI	P value
	n. %	n. %		Lower-Upper	
EOS	19 (55.9)	25 (25.2)	3.749	1.660-8.468	0.001
LOS	15 (44.1)	74 (74.8)			
VLBW (<1500 g)	17 (50.0)	22 (22.2)	5.312	2.004-14.084	0.001
Preterm (<37 wk GA)	23 (67.7)	43 (43.4)	2.723	1.189-6.189	0.01
Site of delivery					
Srinagarind Hospital	9 (26.9)	68 (68.7)			
Out born	24 (70.6)	29 (29.3)	6.253	2.592-15.091	<0.001
Apgar score 1 min					
0-3					

Variable	Dead (N=34) n. %	Alive (N=99) n. %	OR	95% CI Lower-Upper	P value
Hyperglycemia	11 (32.4)	6 (6.1)	6.213	2.017-19.13	0.001
Thrombocytopenia	11 (32.4)	23 (23.2)	3.853	1.660-8.961	0.002

3 Sankar MJ, Agarwal R, Deorari AK, Paul VK (2008) Sepsis in the newborn. *Indian J Pediatr* 75: 261-266

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