

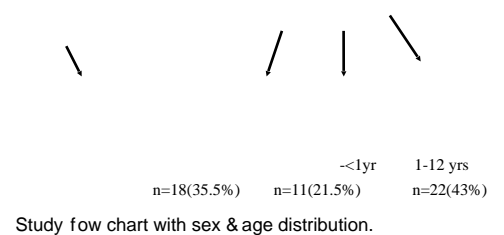
Neonatal and Pediatric Medicine

Value of C-Reactive Protein Determination in Cerebrospinal Fluid in Childhood Infective Meningitis

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A prospective study to determine the value of C-reactive protein concentrations in cerebrospinal fluid to differentiate between acute bacterial, partially treated bacterial, aseptic & tubercular meningitis was performed in 51 consecutively observed patients (children), who underwent lumbar puncture due to suspected infective meningitis. Diagnosis included acute or presumed bacterial meningitis (n=11), acute or presumed viral meningitis (n=13), partially treated bacterial



Group A: WBC >5 // / (30 //)
 Group B: WBC >10 // /
 Group C: WBC >5 // /

CS-CRP >0.805 / l
 100% & 84.2%
 100% (A-C) 93% (3).
 CS-CRP >0.45 / l
 52.63% & 40% & 58.8%
 63.2% (4).

Blood CS, b, hC, hC, f la l C, Bl C l, Ra l (CXR, C, R).

CS a b a l l a a b
 S. a b V al S .V. la a
 CRP b la S. a, S.A.V. S. a a

CRP a a l a
 CRP a a l a
 CRP a a l a
 a b ba a al z b a al z ba

S a a a a b a (-
)b a CRP l l CS a a a
 C S ' f al <0.05 a
 b a .S a a a S P S S 16.0

CRP a CS a
 (ab l l).

b a CRP l l a l ba al
 a a a a a al CS
 (l l), =0.000. S a a a a l
 a all a ba al (=0.002) a b la
 (=0.022), b a a b la
 a l. (=2).

CRP l l b a
 & l l .B a CRP l l
 a a a b a a al
 b R (a al 1.3 / l (a 1.0
 2.0 / l, =0.011).

C a a l , - l l CS -
 CRP ba al a a 1.3 / l a
 a 90.9% a 100% a f f V a f V 100% & 95%
 l . f a a b a a
 (A-C) a 99% (2).

C - l l S .S. f f V f V CS -CRP 1.3 /
 190.9% 100% 100% 95%.

