

hs-crp 联合 wbc 在儿科感染性疾病诊断中的价值

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【摘要】: 目的: HS-CRP 方法: 2021 1 -2022 1
28 HS-CRP
结果: 100.00% 85.71% P=0.037
100.00% 85.70% 90.30% 82.14% 73.30% 65.40% P=0.019 0.029 0.000
HS-CRP 0.78± 0.12 mg/L 5.16± 1.34 mg/L 8.21± 1.68 mg/L
WBC 6.72± 1.24 × 10⁹/L 8.86± 1.35 × 10⁹/L 12.18± 2.34 × 10⁹/L 结论:
hs-CRP

【关键词】: HS-CRP WBC

Value of hs-CRP Combined with WBC in the Diagnosis of Pediatric Infectious Diseases

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Abstract: Objective: To analyze the value of blood routine test combined with hs-CRP in pediatric infectious diseases. Methods: A total of 28 children with infectious diseases who were admitted to the Department of Pediatrics of our Center from January 2021 to January 2022 were randomly selected for this study. All children received blood routine test and hs-CRP test. The results of single blood routine test were used as the control group, and the results of combined test were used as the observation group. Results: The detection accuracy of observation group was 100.00% higher than 85.71% of control group (P=0.037). The positive rate, sensitivity and specificity of the observation group were 100.00%, 85.70% and 90.30%, which were higher than those of the control group (82.14%, 73.30% and 65.40%, P=0.019, 0.029, 0.000). The levels of hs-CRP in mild, moderate and moderate infection group were (0.78 ± 0.12) mg/L, (5.16 ± 1.34) mg/L and (8.21 ± 1.68) mg/L. The WBC count values of mild, moderate and moderate infection in the observation group were (6.72 ± 1.24) × 10⁹/L, (8.86 ± 1.35) × 10⁹/L and (12.18 ± 2.34) × 10⁹/L. Conclusion: The combined use of hs-CRP and blood routine in pediatric infectious disease testing has higher accuracy, positive rate, sensitivity and specificity, and can accurately judge the severity of infection according to the test results.

Keywords: Pediatric infectious diseases; Routine blood; HS-CRP; WBC; Accuracy; Positive rate; Sensitivity; Specificity

[1]

HS- CRP

HS- CRP HS- CRP
HS- CRP
HS- CRP

HS-CRP

P			0.291	0.145	0.273	0.037
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HS-CRP

2.2

HS-CRP WBC

HS-CRP

HS-CRP WBC

1 资料和方法

2

1.1

2

HS-CRP WBC

2021 1 - 2022 1

$\bar{x} \pm s$

28

1-11

5.15± 3.23

16.12

		HS-CRP mg/L	WBC (× 10 ⁹ /L)
	10	0.78± 0.12	6.72± 1.24
	11	5.16± 1.34	8.86± 1.35
	7	8.21± 1.68	12.18± 2.34

1

2

1

3

3

2

1.2

4

1.2.1

2.3

P 0.05

3

XS-900i

sysmex
2mL

3

n %

EDTA-K2
80μ L

	28	28	100.00	85.70	90.30
	28	23	82.14	73.30	65.40
χ^2			5.490	4.717	17.977
P			0.019	0.029	0.000

1.2.2

+ C

2mL

EDTA-K2

3 讨论

1.3

1 = / × 100% 2

HS-CRP WBC

3

1.4

SPSS20.0

$\bar{x} \pm s$ %

t χ^2 P 0.05

2 结果

2.1

P 0.05 1

1 n %

		2	5	18	3	
	28	2 100.00	5 100.00	18 100.00	3 100.00	28 100.00
	28	2 100.00	4 80.00	16 88.89	2 66.67	24 85.71
χ^2			1.111	2.117	1.200	4.307

[3]

WBC
WBC

WBC

WBC

	WBC	hs- CRP
HS- CRP		
HS- CRP		
	2000	WBC
	WBC	
	[4]	
HS- CRP		HS- CRP
HS- CRP		
[5]	[6]	HS- CRP

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