

论著

中性粒细胞/淋巴细胞比值与急性缺血性脑梗塞预后的关系

搜索

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摘要

目的: 研究中性粒细胞/淋巴细胞比值(neutrophil lymphocyte ratio, NLR)与急性缺血性脑梗塞 (acute ischemic stroke, AIS)预后的关系。方法: 回顾性地分析了60例AIS病患者和61例健康个体白细胞(white blood cell, WBC)计数、淋巴细胞计数、中性粒细胞计数和NLR检测结果。用Spearman 法分析这些指标与患者出院时的改良Rankin评分(modified Rankin scale, mRS)之间的关系。结果: AIS患者WBC计数、中性粒细胞计数和NLR均较健康个体增高(P均小于0.01), 淋巴细胞计数则降低(P<0.01)。这些指标均与患者出院时的mRS评分相关, 其中以NLR的相关系数最大。结论: NLR 是预测AIS患者预后的有益指标, 其与疾病预后的关系较WBC计数、中性粒细胞计数和淋巴细胞计数更为密切。

关键词: [急性缺血性脑梗塞](#) [中性粒细胞](#) [淋巴细胞](#) [中性粒细胞和淋巴细胞比值](#) [改良Rankin评分](#)

Association between neutrophil lymphocyte ratio and prognosis of acute ischemic stroke

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Abstract

Objective: To investigate the correlation between neutrophil lymphocyte ratio (NLR) and prognosis of acute ischemic stroke (AIS). **Methods:** The routine laboratory hematology tests, including white blood cell (WBC) count, neutrophil, lymphocyte and NLR, of 60 AIS patients and 61 healthy individuals were retroactively reviewed. The association between these tests and modified Rankin scale (mRS) was analyzed by Spearman approach. **Results:** Increased WBC, neutrophil and NLR (all P values <0.01), but decreased lymphocyte (P<0.01), were observed in AIS patients. These indices were correlated with the mRS at discharge. NLR had highest correlation coefficient. **Conclusion:** NLR was a useful index in predicting the prognosis of AIS, with the closest correlation among WBC, neutrophil and lymphocyte.

Keywords: [acute ischemic stroke](#) [neutrophil](#) [lymphocyte](#) [neutrophil lymphocyte ratio](#) [modified rankin scale](#)

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