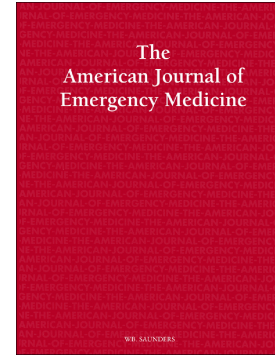


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**The utility of presepsin in diagnosis and risk stratification for the emergency patients with sepsis**

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**Abstract**

**Objectives:** To evaluate the value of presepsin in diagnosis and risk stratification of septic patients in emergency department, and investigate the utility in differentiation of gram-positive and gram-negative bacterial infection.

**Methods:** We enrolled 72 patients with sepsis and 23 nonbacterial patients with systemic inflammatory response syndrome (SIRS) who were admitted to the emergency department of Tianjin Medical University General Hospital. Meanwhile, 20 healthy volunteers were included. Plasma presepsin, serum PCT, C-reactive

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