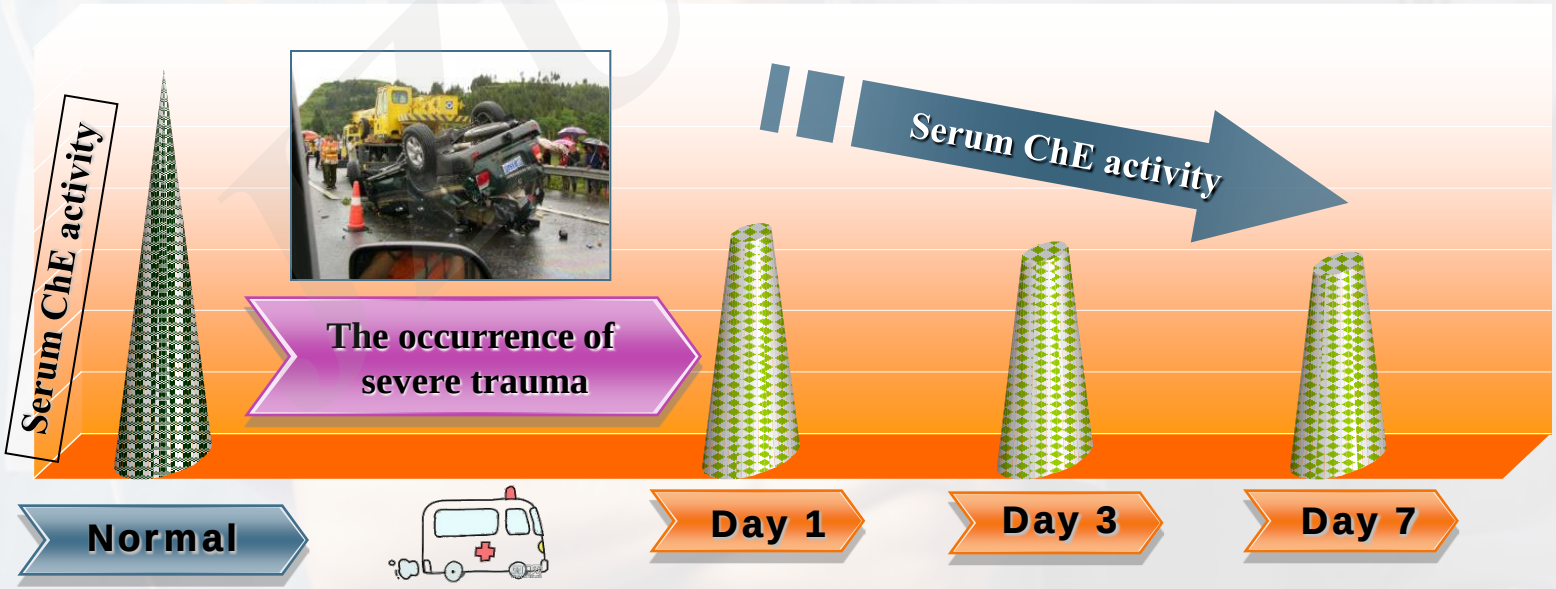




Cite this as: Li Ba, Ding-qian Wu, An-yu Qian, Mao Zhang, Bing Xiong, 2014. Dynamic changes of serum cholinesterase activity after severe trauma. *Journal of Zhejiang University-Science B (Biomedicine & Biotechnology)*, **15**(12):1023-1031. [doi:10.1631/jzus.B1400129]

Dynamic changes of serum cholinesterase activity after severe trauma

Key words: Multiple trauma; Serum cholinesterase (ChE); Acute phase protein (APP)







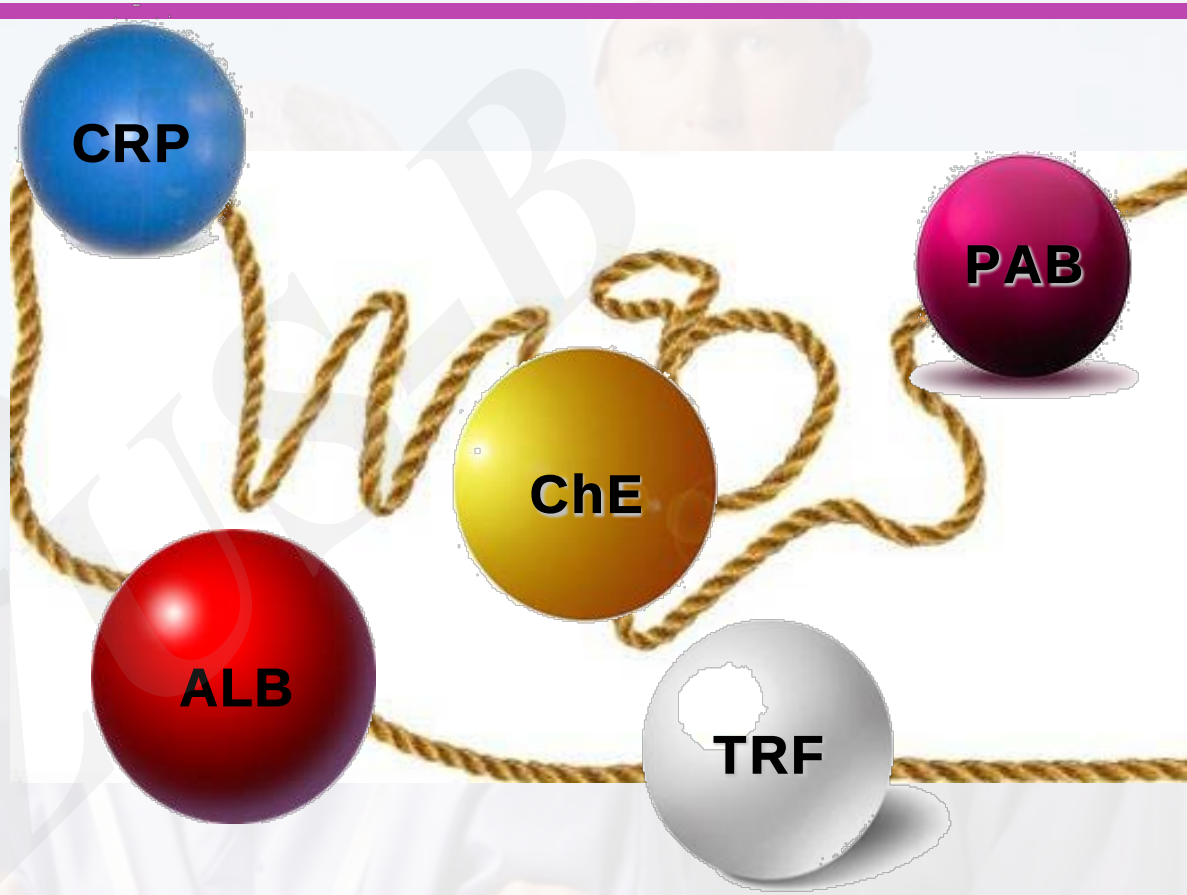
The greater the decrease
The harder to recover

more severe injury
poorer prognosis



Journal of Zhejiang University-SCIENCE B

The change of serum ChE activity after trauma was well correlated with the changes of APP (ALB, PAB, TRF, CRP) concentration.

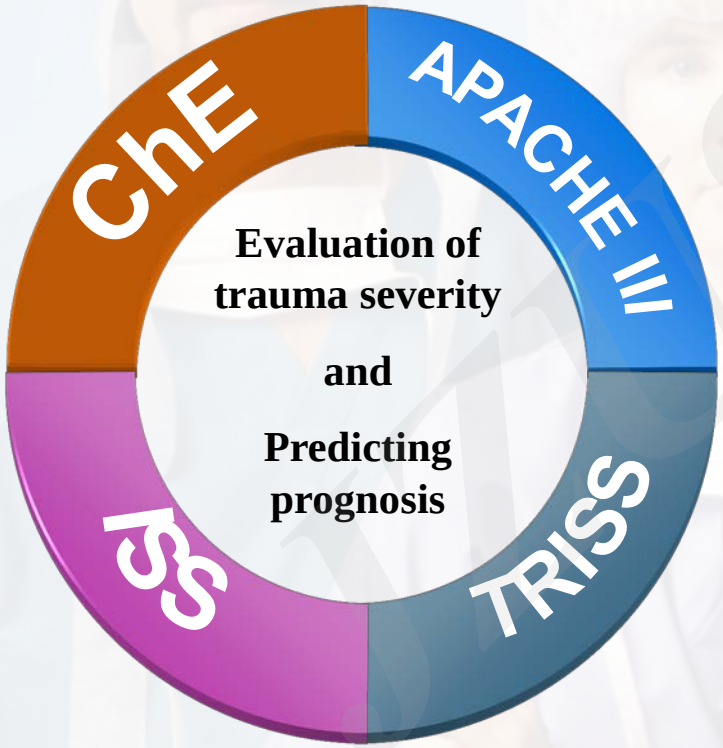


Serum ChE may be regarded as a type of negative APP





Journal of Zhejiang University-SCIENCE B



The value of serum ChE in assessment of the severity and prognosis was similar to ISS, TRISS and APACHE III after severe trauma.

The dynamic changes in serum ChE activity after severe trauma may help to evaluate the severity of an injury and to predict prognosis.