

# STUDY REGARDING THE DYNAMIC OF SUPEROXIDE DISMUTASE IN SHOCK

G. LILIOS<sup>\*</sup>, D. BALABAN<sup>\*\*</sup>, S. JURJA<sup>\*</sup>,  
L. MALCEA<sup>\*\*\*</sup>, M.V. BROASCA<sup>\*\*\*</sup>

**Abstract:** *The aim of our study was to observe the disturbances of antioxidant capacity, expressed by Superoxide Dismutase (SOD) in 30 children (test group) with traumatic shock (age 10 to 16 years). For a better assessment, SOD was also measured on 30 healthy children (control group), in the same proportion as test group. Monitoring levels of SOD in children with traumatic shock may be useful during therapy for the evolution and prognostic.*

**Key words:** *superoxide dismutase, oxidative stress, trauma, shock*

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\* Physiology Department, Faculty of Dental Medicine and Pharmacy, "Ovidius" University of Constanta

\*\* Biochemistry Department, Faculty of Dental Medicine and Pharmacy, "Ovidius" University of Constanta

\*\*\* Clinical Hospital of Constanta