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Changes in autophagy in rats after spinal cord injury and the effect of hyperbaric oxygen on autophagy

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Running title: HBO enhances autophagy expression in SCI rats.

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Highlights

- Autophagy is activated in rats after SCI and sustained over a period of time.
- HBO treatment enhances autophagy expression in rats after SCI and accelerates cell repair rate.
- Autophagy may represent one of the mechanisms of action of HBO in the treatment of SCI.

Abstract: The purpose of this study was to explore the effects of Hyperbaric oxygen (HBO) on the autophagic changes after induction of spinal cord injury (SCI) in rats. A total of 75 rats were randomly divided into the sham-operated group, the spinal cord injury group, and the

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