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Observational Study

Recovery from prolonged disorders of consciousness: A dual-center prospective cohort study in China

Chen WG *et al.* Real-world cohort of DoC in China

Wei-Guan Chen, Ran Li, Ye Zhang, Jian-Hui Hao, Ju-Bao Du, Ai-Song Guo, Wei-Qun Song

Abstract

BACKGROUND

Recent innovations in intensive care has improved the prognosis of patients with severe brain injuries and brought more patients with disorders of consciousness (DoC). Data are lacking regarding the long-term outcomes of those patients in China. It is necessary to study the long-term outcomes of patients in prolonged DoC in light of many factors likely to influence crucial decisions about their care and their life.

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In the present **prospective cohort study**, a large majority of in- **dividuals** with **prolonged DoC** showed at least 1 MC requiring **specific treatment** during the rehabilitative phase, in line with

Disorders of Consciousness

Medical condition

A disorder of consciousness, or impaired consciousness, is a state where consciousness has been affected by damage to the brain.

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Symptoms

A person in a coma will be unconscious and unable to communicate. He or she will not respond to light, sound or pain. The person may stretch his or her arms and legs in unusual ways, but the person will not display purposeful movement. In a deep...

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Causes

Disorders of consciousness can occur if the parts of the brain responsible for consciousness are injured or damaged.

The main causes can generally be divided into:

- traumatic brain injury
- non-traumatic brain injury
- progressive brain damage

Common...

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