### Round table

**TR01-002-e**

#### French guidelines for the management of neurobehavioral disorders in traumatic brain injury: Context and methodology


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**Keywords:** Traumatic brain injury; Neurobehavioral disorders; Evaluation of dangerousness and associated cognitive and psychological disorders (expert consensus).

#### Methods.

Three hundred and ninety-six articles were selected: – the disorders are classified as: positive features of primary behaviors (agitation 35–70%, aggression 25–39%, irritability 20–71%, alcohol abuse 7–26%, drug abuse 2–20%); negative features of primary behaviors (apathy 20–71%); sleep disorders (30–75%); affective disorders/anxiety/psychosis (depression 12–76%, anxiety 0.8–24.5%, post-traumatic stress disorder 11–18%, obsessive compulsive disorder 1.2–30%, psychosis 0.7%); and suicide attempts/suicide (1%); – behavioral assessment must be based on multiple sources, repeated assessment.

#### Results.


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As for the methodology, the study included: – a review of the literature on behavioral disorders following traumatic brain injury (TBI); – targeted the epidemiological data concerning behavioral disorders following traumatic brain injury (TBI).

#### Conclusion.

This information is according to the study conducted by the French Physical and Rehabilitation Medicine Society (SOFMER) initiated the elaboration of recommendations for the evaluation, treatment options and follow-up concerning these behavioural disorders after traumatic brain injury. The level of evidence was specified for each recommendation on the basis of the scientific literature. This recommendation for good practice received the label of the French health authority on July 2013.

**Keywords:** Traumatic brain injury; Challenging behavior; Symptom; Assessment

HAS method on [http://www.has-sante.fr](http://www.has-sante.fr). The documentary service of the Haute Autorité de santé (HAS, France):

– targeted the epidemiological data concerning behavioral disorders following traumatic brain injury (TBI); – as well as diagnostic processes and assessment tools (1990–2012).

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