

Format: Abstract ▾

PMID: 7698892

[Indexed for MEDLINE]

*Ital J Neurol Sci*. 1994 Oct;15(7):347-51.**Sleep spindles in the initial stages of the vegetative state.**D'Aleo G<sup>1</sup>, Bramanti P, Silvestri R, Saltuari L, Gerstenbrand F, Di Perri R.⊕ **Author information****Abstract**

The aim of this study was to look for the presence of spindling in the different stages of remission of the vegetative state to underline all possible correlations with lesional sites, severity of coma and final outcome. The nocturnal polygraphic recordings from 30 patients were examined: 20 (15M, 5F, mean age 31.7 years, range 16-41) had originally suffered a traumatic brain injury, 10 (4M, 6F, mean age 40.5 years, range 24-48) had hypoxic brain lesions. Evidence of spindling, always reduced in density and duration, was found in 44% of these patients, prevalently in the traumatic patients (53.3% versus 30% of hypoxic patients). No subjects in the full stage 0, 0-1 of the vegetative state (apallic syndrome) presented spindling. No significant correlation was found between spindling and the following parameters: gender, the time between the onset of coma and the polygraphic recording, or the site of the lesion.

[https://serials.unibo.it/cgi-ser/start/it/spogli/df-s.tcl?prog\\_art=4245207&language=ITALIANO&view=articoli](https://serials.unibo.it/cgi-ser/start/it/spogli/df-s.tcl?prog_art=4245207&language=ITALIANO&view=articoli)  
**Catalogo Articoli (Spogli Riviste)**

[OPAC HELP](#)**Titolo:****SLEEP SPINDLES IN THE INITIAL-STAGES OF THE VEGETATIVE STATE****Autore:**[DALEO G](#); [BRAMANTI P](#); [SILVESTRI R](#); [SALTUARI L](#); [GERSTENBRAND F](#); [DIPERRI R](#);**Indirizzi:**

UNIV MESSINA,CTR STUDIO & TRATTAMENTO NEUROL LUNGODEGENTI,CATTEDRA NEUROFISIOPATOL I-98124  
MESSINA ITALY INNSBRUCK UNIV,NEUROL CLIN A-6020 INNSBRUCK AUSTRIA UNIV MESSINA,NEUROL CLIN 1 MESSINA  
ITALY

**Titolo Testata:**

[Italian journal of neurological sciences](#)  
fascicolo: 7, volume: 15, anno: 1994,  
pagine: 347 - 351

**SICI:**

0392-0461(1994)15:7&lt;347:SSITIO&gt;2.0.ZU;2-W

**Fonte:**

ISI

**Lingua:**

ENG

**Soggetto:**[PROGNOSTIC VALUE](#); [COMA](#);**Keywords:**[SLEEP](#); [SPINDLES](#); [VEGETATIVE STATE](#);**Tipo documento:**

Article

**Natura:**

Periodico

**Settore Disciplinare:**

Science Citation Index Expanded

**Citazioni:**

10

**Recensione:**

Indirizzi per estratti:

**Citazione:**

G. Daleo et al., "SLEEP SPINDLES IN THE INITIAL-STAGES OF THE VEGETATIVE STATE", *Italian journal of neurological sciences*, 15(7), 1994,  
pp. 347-351

**Abstract**

The aim of this study was to look for the presence of spindling in the different stages of remission of the vegetative state to underline all possible correlations with lesional sites, severity of coma and final outcome. The nocturnal polygraphic recordings from 30 patients were examined: 20 (15M, 5F, mean age 31.7 years, range 16-41) had originally suffered a traumatic brain injury, 10 (4M, 6F, mean age 40.5 years, range 24-48) had hypoxic brain lesions. Evidence of spindling, always reduced in density and duration, was found in 44% of these patients, prevalently in the traumatic patients (53.3% versus 30% of hypoxic patients). No subjects in the full stage 0, 0-1 of the vegetative state (apallic syndrome) presented spindling. No significant correlation was found between spindling and the following parameters: gender, the time between the onset of coma and the polygraphic recording, or the site of the lesion.

ASDD Area Sistemi Dipartimentali e Documentali, Università di Bologna, Catalogo delle riviste ed altri periodici  
Documento generato il 13/03/19 alle ore 17:16:39

Documento generato il 13/03/19 alle ore 17:16:39