

Simplified Evaluation of CONsciousness Disorders (SECONDS)

A. Observation



B. Command-following (score 6)

3 x 3 spoken commands
10'' interval between commands
(1 x 3 written command if 0/3)
Stop if 2 commands 3/3



C. Communication

☐ Intentional (score 7)

☐ Functional (score 8)

Autobiographical questions

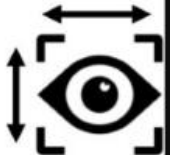
Name (no), birth date (yes), name (yes), birth date (no), children (yes/no)

If incorrect answer(s): Situational questions
Place (yes), wearing a hat (no), place (no), touching hand (yes), touching face (no)



☐ D. Visual pursuit (score 4)

Person/mirror, 30 cm from face
Each movement on horizontal or vertical axes = 4'' (→←↓↑)



☐ E. Visual fixation (score 3)

Person/mirror, 30 cm from face
Present stimulus in each quadrant



☐ F. Pain localization (score 2)

Inform patient
5'' pressure on nail bed
1 trial on each hand



☐ G. Oriented behaviors (score 5)

E.g., scratching, grabbing sheets, holding bed, laughing or crying contextually,...



H. Arousal

☐ Eye-opening (score 1)

☐ No arousal (score 0)

Report the percentage of eye-opening time and administered stimulations



Command 1:/3
2:/3
3:/3
Written command:/3
→ The patient responds at least twice for one of the commands (= score 6)

Code yes :
Code no :
Responses : .../5 o Verbal o Autobiographical
Correct : .../5 o Written o Situational
→ The patient responds (even incorrectly) to at least 3 questions (= score 7)
→ The patient correctly responds to the 5 questions (= score 8)

Horizontal : .../2 Vertical : .../2
o Spontaneous o Mirror o Manual eye-opening
→ The patient shows at least 2 visual pursuits of at least 2 seconds (= score 4)

Sup L : .../1 Sup R : .../1
Inf L : .../1 Inf R : .../1
o Spontaneous o Mirror o Manual eye-opening
→ The patient shows at least 2 visual fixations of at least 2 seconds (= score 3)

Localization: L : .../1 R : .../1
Anticipation: L : .../1 R : .../1
→ The patient touches the point of stimulation at least once with the non-stimulated hand (= score 2)
→ The patient shows 2 anticipations (= score 6)

..... Nb :
→ The patient shows at least one oriented behavior (= score 5)

0-25% / 25-50% / 50-75% / 75-100%
Spontaneously / Auditory / Tactile / Pain stimulations
→ The patient shows at least one eye-opening during the whole assessment (= score 1)

Diagnosis : Coma (0) / UWS (1) / MCS- (2-5) / MCS+ (6-7) / EMCS (8)