## WITHDRAWAL ASSESSMENT TOOL VERSION 1 (WAT - 1)

						1		
	DATE							
	TIME							
Information from patient record,	previous 12 hours							
Any loose /watery stools	No = 0							
	Yes = 1							
Any vomiting/wretching/gagging	No = 0							
, , , , , , , , , , , , , , , , , , , ,	Yes = 1							
Temperature > 37.8₀C	No = 0							
·	Yes = 1							
2 minute pre-stimulus observation	on						i i	
State	SBS <sub>1</sub> < 0 or asleep/awake/calm = 0							
	SBS <sub>1</sub> > +1 or awake/distressed = 1							
Tremor	None/mild = 0							
	Moderate/severe = 1							
Any sweating	No = 0							
<b>,</b>	Yes = 1							
Uncoordinated/repetitive movement	None/mild = 0							
<b>,</b>	Moderate/severe = 1							
Yawning or sneezing	None or $1 = 0$							
o o	>2 = 1							
1 minute stimulus observation			•	•		•		
Startle to touch	None/mild = 0							
	Moderate/severe = 1							
Muscle tone	Normal = 0							
	Increased = 1							
Post-stimulus recovery							i i	
,	< 2min = 0							
Time to gain calm state (SBS <sub>1</sub> < 0)	2 - 5min = 1							
······ ·· · · · · · · · · · · · · · ·	> 5 min = 2							
Total Score (0-12)								
10tai 00016 (0-12)								

#### WITHDRAWAL ASSESSMENT TOOL (WAT - 1) INSTRUCTIONS

- Start WAT-1 scoring from the first day of weaning in patients who have received opioids +/or benzodiazepines by infusion or regular dosing for
  prolonged periods (e.g., > 5 days). Continue twice daily scoring until 72 hours after the last dose.
- The Withdrawal Assessment Tool (WAT-1) should be completed along with the SBS1 at least once per 12 hour shift (e.g., at 08:00 and 20:00 ± 2 hours). The progressive stimulus used in the SBS1 assessment provides a standard stimulus for observing signs of withdrawal.

#### Obtain information from patient record (this can be done before or after the stimulus):

- Loose/watery stools: Score 1 if any loose or watery stools were documented in the past 12 hours; score 0 if none were noted.
- Vomiting/wretching/gagging: Score 1 if any vomiting or spontaneous wretching or gagging were documented in the past 12 hours; score 0 if none were noted
- > **Temperature > 37.8oC**: Score 1 if the modal (most frequently occurring) temperature documented was greater than 37.8 oC in the past 12 hours; score 0 if this was not the case.

#### 2 minute pre-stimulus observation:

- > State: Score 1 if awake and distress (SBS¹: ≥ +1) observed during the 2 minutes prior to the stimulus; score 0 if asleep or awake and
- ightharpoonup calm/cooperative (SBS1  $\leq$  0).
- > Tremor: Score 1 if moderate to severe tremor observed during the 2 minutes prior to the stimulus; score 0 if no tremor (or only minor,
- intermittent tremor).
- > Sweating: Score 1 if any sweating during the 2 minutes prior to the stimulus; score 0 if no sweating noted.
- Uncoordinated/repetitive movements: Score 1 if moderate to severe uncoordinated or repetitive movements such as head turning, leg or
- arm flailing or torso arching observed during the 2 minutes prior to the stimulus; score 0 if no (or only mild) uncoordinated or repetitive
- > movements.
- Yawning or sneezing > 1: Score 1 if more than 1 yawn or sneeze observed during the 2 minutes prior to the stimulus; score 0 if 0 to 1 yawn or sneeze.

#### 1 minute stimulus observation:

- > Startle to touch: Score 1 if moderate to severe startle occurs when touched during the stimulus; score 0 if none (or mild).
- **Muscle tone**: Score 1 if tone increased during the stimulus; score 0 if normal.

### Post-stimulus recovery:

> Time to gain calm state (SBS1 ≤ 0): Score 2 if it takes greater than 5 minutes following stimulus; score 1 if achieved within 2 to 5 minutes; score 0 if achieved in less than 2 minutes.

# Sum the 11 numbers in the column for the total WAT-1 score (0-12).

Curley et al. State behavioral scale: A sedation assessment instrument for infants and young children supported on mechanical ventilation. Pediatr Crit Care Med 2006;7(2):107-114.

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