

WAT-1 is the tool to measure drug withdrawal in pediatric patients receiving opioid and benzodiazepine sedation. 11 items are assessed on 12-point scale.

### 3.6 Withdrawal Assessment Tool-1 (WAT-1)

WAT-1 ( ;t; , ;it- t";;it--( fJ\_6 -U(i: « Y ' )'7 Ht" Y(J) j=lz (i: J: '@ ft ,tTl,'@ mYc(J) filtfilt  
iSJZ{ofi9 -8'Y-JL,c'9 o l JJ§ 12, , c-i!JZ{illi G \*9<sup>28</sup>1o

12u r.IIMti' s C7J ;:;!1' c. Ii,s C7J ffiffl	1,\ffl!/7.L< ffl! !!!P±/tt,1? /P± ft;;,lffl. >37.8°C	tJL,=O @-@=1 tJL,=O @-@=1 tJL,=O -@=1
2?tr.IIC7J IliJ jji7.)ffil,	JUW ml mm * ;f(9t,1"'t,.)	SBS O t, 'M/II!! /ti:\'b'=0 SBS +1 t,, M/1'1 = 1 tJ L,/ff!J!'.=O 9'1 /J!./ JJ!'.=1 tJL,=O -@=1
	t D)(7Jf,J:l,Jit/J&: iit/J	tJL,/ff!J!'.=O 9'1 /J!./ IJ!'.=1
	115< 7I!< L,t,j.	1 @JtCF=O 2@Jl.:Z,t= 1
	1分間の刺激観察	?''Y7'-l.:7J? < IJ9 f- Wi
刺激後の回復	:ifffl.J: (ffit->t, t);:ml (SBS 0) l: *c' C7J r.II	2分未満=0 2-5分=1 5分超=2

!ffl:Pediatr Crit Care Med 2006;7(2):107-114 fJ 1',0) fpJ>a:f c fi ;M: ffl L,iJJ  
i11 C. il'iffi: !ff \$a, ftE/il=|' , r iiJoc,II!::<tJl\*, J,lxp 'fl'.# ...tffefllll  
fA:&:::J' "¥' ml\* f,r ,\*9"n'ffl '¥5:i'!ff

#### WITHDRAWAL ASSESSMENT TOOL (WAT-1):J:1111

- e WAT-1 ( ;t; , ;it- t";;it--( :t G < ( ;t; « Y ' )' )'yiz' l:::°Ytf g(5 E3 mx.-8tcJ-c) GT;\_i ,L :t G < ( ;t; \*5cj:9'.  
ntcm , 11'U(J): .mli \*?tc E31J6 iSJZfili9 '8o ff(J)J:lz tJ'61E32@J72ff-¥F13iisJZ1ffii9-80
- e The Withdrawal Assessment Tool (WAT-1 HiSBS<sup>7</sup> c:ti: tc:l-'tcJ- < c: :t I 2B Fl3i ;::: c: tc: \*J 0 i/R G iSJZlilli  
9 -8« c-iff> -8 (8: 00 c: 20:00±2ff-¥F13itcJ- c) oSBS<sup>7</sup>iSJZ1oli(i:tl l, \-8WII;fH;t; Aftfil t 9-8WII;%c: GT  
ff Mi:iJtm

:!=/H tJ,5' ¥&1.t A-¥9l>o ( nta:fU O)il!Hic E 5 c'=t Pifmo)

- i<);01, {Jli:/7.k:tiil'i: 121F-¥Fsmg.c:f1:>01, {Jli:/7.k:tiil'i:(t.fu) 0) 2, tf'l,c \,0 ;3-1J22-a :INJ\, \;3-0,<2-a
- O[!0±<C:J\_3 /l± %; 121F-¥Fsil; zci: log[!ll±<C:J\_3 /0± %;0) 2, :IJ, :/1,c \,0 ;3-1,'2-a 2 :IJ,fJ\, \;3-0,'2-a
- i;\$;Jli>37.8°C:121F-¥Fsmg.c: t, < 2 :/1,n,0-(\$;Jli:1J,37.8°C1ri'ilix.0 -8-1,<2-a-t' '5c-tJ,1 ;3-0,<2-a

27tria10) fU MO)fJ!.

- ti: J: IJ;jj(filr0)25tFsiO)til1Jll.c: :/J'1"tj(c'a60 ;3-(SBS<sup>1</sup>:+1) L<2-a  
Ji /ll!!!Vffl'\>:/J'jh1.f.Ji¥]"c'iP.) ;3-(SBS<sup>1</sup> 0)0,'2-a
- tmJil;l': \*IJ;jj(ITTf0)2:nFsiO)il, "Z, q; J:l:1J,m/10)tm :IJ,11, :/1, ;3-1,<2-atJ L, /ffl\*tdctFM i¥.J"Z'a60 -8-0,<2-a
- \$B:f:\*IJ;jj(ITOT)f25tFsiO)il, "Z, t>cf:IJ,CB \$B:fL,C \,0;3-1,'2-a \$B:fL,C \,0 \, \;3-0,'2-a
- \* C. \* IJ)0)1, iUJJ/ & iHJ.J:mlJ; 90 ITTf0)2-5:HsiO)il, "Z, 't' II \*t: .ctm/10)\* C. \* fJ)0)1, tLJ/ & iHJJ, @,cJ:l.ilHNO,  
-¥ J,\$7J,\$7 tL:O,Jl ij & IJ 9fJ:C'a:11, L,t.: ;3-1,'2-a1E < )m\ C'tdHlat;)3-0,'2-a
- a6 < cf/<1, t>a: \*IJ;jj(9 0 ITTf0)2-5:HsiO)il, 'c', 2@Jl-i...ta6 < cf\>> <1, t>a: :IJ,ffll, :/1,t.: S L<2-aO@1, \* tdct1 @J0 ;3-0,'2-a

17J'ria10) flJ; fJ!,

- 'Y 'Yr ,c: (J-; < 0)9 O:/ir: Y YT ,c:(J-; < 0)9 :/ir:IJ\*IJ;j&q;c: 't' /c: , \* tdct il!LJ,c:iE?, t.: ;3-1,s(a  
1E< ffl\1, (Udctffil) -8-0,<2-a
- w: s : \*IJ;l&cp,c: w: s :IJ:tl!JJ.i□'90 -8-1,<2-ai:E;si;tJ -8-0,sa

fU f O)@lffi:

- ,P:ttJt<: J( S B S O),c: 0\*'Z'O)IF-fFsi: .P:f.f.J:t/<: (SBS O),c: 0\*c'O)iF-fFsi: IJ, IJ; ff5:n'i!il0 ;3-2,<2-a  
2-5:J'J' S 5-5:J0) -;3-1,'2-a2-5:J\*:iilij0) -;3-Q,s(c

#### 11項目で合計WAT-1スコアを取る(0-12点)

I 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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