ADDITIONAL FILE 1

The Richmond Agitation-Sedation Scale

Score	Term	Description	
+4	Combative	Overtly combative, violent, immediate danger to staff	
+3	Very agitated	Pulls or removes tube(s) or catheter(s); aggressive	
+2	Agitated	Frequent non-purposeful movement, fights ventilator	
+1	Restless	Anxious but movements not aggressive vigorous	
0	Alert and calm		
-1	Drowsy	Not fully alert, but has sustained awakening	
		(eye-opening/eye contact) to <i>voice</i> (≥ 10 seconds)	Verbal
-2	Light sedation	Briefly awakens with eye contact to <i>voice</i> (<10 seconds)	Stimulation
-3	Moderate sedation	Movement or eye opening to <i>voice</i> (but no eye contact)	
-4	Deep sedation	No response to voice, but movement or eye opening	
		to <i>physical</i> stimulation	Physical Stimulation
-5	Unarousable	No response to <i>voice or physical</i> stimulation	