Clinical Opiate Withdrawal Scale (COWS)

Flow-sheet for measuring symptoms for opiate withdrawals over a period of time. For each item, write in the number that best describes the patient's signs or symptom. Rate on just the apparent relationship to opiate withdrawal. For example, if heart rate is increased because the patient was jogging just prior to assessment, the increase pulse rate would not add to the score.

	DATE/TIME:	DATE/TIME:	DATE/TIME:
Resting Pulse Rate: (record beats per minute) Measured after patient is sitting/lying for one minute. 0 pulse rate 80 or below 1 pulse rate 81-100 2 pulse rate 101-120 4 pulse rate greater than 120	,		
Sweating: Over past ½ hour not accounted for by room temperature or patient activity. 0 no report of chills of flushing 1 one subjective report of chills or flushing 2 flushed or observable moistness on face 3 beads of sweat on brow or face 4 sweat streaming off face	,		
Restlessness: Observation during assessment. 0 able to sit still 1 report difficulty sitting still, but is able to do so 3 frequent shifting or extraneous movements of legs/arms 5 unable to sit still for more than a few seconds			
Pupil Size: 0 pupils pinned or normal size for room light 1 pupils possibly larger than normal for room light 2 pupils moderately dilated 5 pupils so dilated that only rim of the iris is visible			
Bone or Joint aches: If patient was having pains previously, only the additional component attributed to opiate withdrawal is scored. 1 mild diffuse discomfort 2 patient reports severe diffuse aching of joints/muscles 4 patient is rubbing joints or muscles and is unable to sit still because of discomfort			
Runny nose or tearing: Not accounted for by cold symptoms or allergies. 1 nasal stuffiness or unusually moist eyes 2 nose running or tearing 4 nose constantly running or tears streaming down cheeks			
GI Upset: Over last % hour no GI symptoms 1 stomach cramps 2 nausea or loose stools romiting or diarrhea 5 multiple episodes of diarrhea or vomiting			
Tremor: Observation of outstretched hands no tremor 1 tremor can be felt, but not observed 2 slight tremor observable 4 gross tremor or muscle twitching			
Yawning: Observation during assessment no no yawning 1 yawning once or twice during assessment yawning three or more times during assessment yawning several times/minute			
Anxiety or Irritability 0 none 1 patient reports increasing irritability or anxiousness 2 patient obviously irritable, anxious 4 patient so irritable or anxious that participation in the assessment is difficult			
Gooseflesh skin 0 skin is smooth 3 piloerection of skin can be felt or hairs standing up on arms 5 prominent piloerection			
Total Score			
Observers Initials			
Blood Pressure/Pulse			
Dose of Buprenorphine/naloxone Given			

Scoring: 5-12 = Mild withdrawal, 13-24 = Moderate withdrawal, 25-36 = Moderately severe withdrawal, 36 or greater = Severe withdrawal

