



**ImageTrend Elite Clinical Release Notes**  
*30 April 2021*

The GMR ImageTrend Support Team released an update to the Elite System on April 30, 2021.  
All iPads will need be connected to the internet and a Sync of All Resources  
(Settings/Sync All Resources) will have to be completed to receive the update.

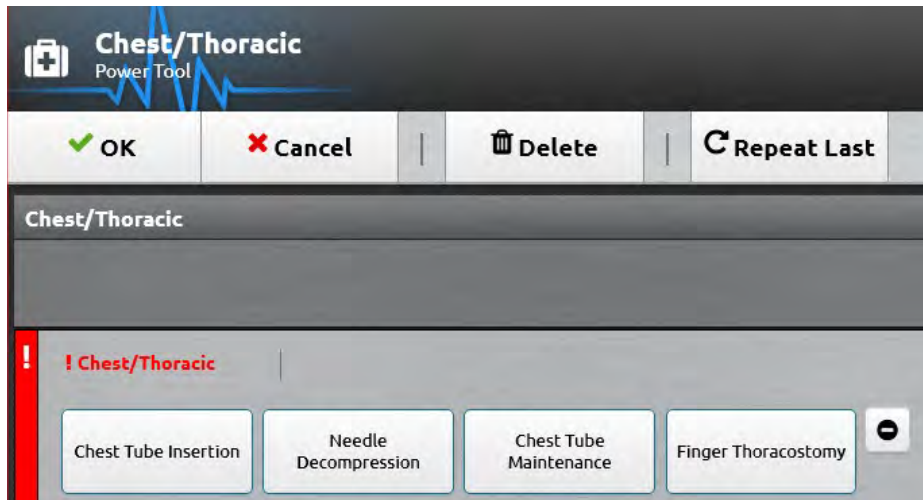
**For support please utilize the GMR ImageTrend Support Site.**

**<https://amgh.kayako.com>**



## Chest/Thoracic Power Tool Update

Finger Thoracostomy has been added:



## New Worksheets

Two new supplemental pain scale worksheets have been added:

1. Critical Care Pain Observation Tool Worksheet
2. Neonatal/Infant Pain Scale (NIPS) Worksheet

*Only accessible when Neonatal is selected for the Patient Classification Type*

**NOTE: These have been added for additional documentation for critical care but NEMIS still requires the pain score type and score to be documented separately in the Pain Scale Power Tool.**



# Critical Care Pain Observation Tool Worksheet

Critical Care Pain Observation Tool Worksheet

Crew Member: Medic, Demo
Date: 4/30/2021
Time: 17:10

OK Cancel Delete

**Header**

Incident Number: Training Chart 2

Completed Date/Time: 04/30/2021 17:10:35

**Assessment**

Facial expression: Relaxed **Tense** Grimacing

Body movements: Absence of movements **Protection** Restlessness

Muscle tension: Relaxed **Tense or rigid** Very tense or rigid

Compliance with the ventilator (intubated patients): Tolerating ventilator or movement/talking in a normal tone or no sound Coughing but tolerating ventilator/sighing, moaning **Fighting ventilator/crying out, sobbing**

Total: 5

## Printed CPOT Worksheet Example:

Critical Care Pain Observation Tool	
4/30/2021 17:10 Medic, Demo	
Incident Number: Training Chart 2	
<b>Header</b>	
Completed Date/Time	
Critical Care Pain Observation Tool Completed Time: 04/30/2021 17:10:35	
<b>Assessment</b>	
Facial expression: Tense	
Body movements: Protection	
Muscle tension: Tense or rigid	
Compliance with the ventilator (intubated patients): Fighting ventilator/crying out, sobbing	
Total: 5	



# Neonatal/Infant Pain Scale (NIPS) Worksheet

Neonatal/Infant Pain Scale (NIPS) Worksheet
Crew Member: Medic, Demo
Date: 4/30/2021
Time: 17:05

OK
Cancel
Delete

**Header**

Incident Number: Training Chart 2

Completed Time: 04/30/2021 17:05:32

**Pain Assessment**

**Facial Expression**

Relaxed muscles (Restful face, neutral expression)

Grinace (Tight facial muscles; furrowed brow, chin, jaw, (negative facial expression nose, mouth and brow)

**Cry**

No Cry (Quiet, not crying)

Whimper (Mild moaning, intermittent)

Vigorous Cry (Loud scream; rising, shrill, continuous (Note: Silent cry may be scored if baby is intubated as evidenced by obvious)

**Breathing Patterns**

Relaxed (Usual pattern for this infant)

Change in Breathing (Irregular, faster than usual, gagging, breath holding)

**Arms**

Relaxed/Restrained (No muscular rigidity; occasional random movements of arms)

Flexed/Extended (Tense, straight arms; rigid and/or rapid extension, flexion)

**Legs**

Relaxed/Restrained (No muscular rigidity; occasional random leg movement)

Flexed/Extended (Tense, straight legs; rigid and/or rapid extension, flexion)

**Legs**

Relaxed/Restrained (No muscular rigidity; occasional random leg movement)

Flexed/Extended (Tense, straight legs; rigid and/or rapid extension, flexion)

**State of Arousal**

Sleeping/Awake (Quiet, peaceful sleeping or alert random leg movement)

Fussy (Alert, restless, and thrashing)

(Recommended for children less than 1 year old) - A score greater than 3 indicates pain

**Total** 6

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**Printed NIPS Worksheet Example:**

Newbold/Infant Pain Scale (NIPS)	
4/30/2021 11:43 - Newell_Demo	
Header	
Included Number: Training Chart	Completed Time
Instructions/Infant Pain Scale (NIPS) Completed Time	04/30/2021 11:43:33
Pain Assessment	
Observation	
Pain Expression	Cry with tight facial muscles, furrowed brow, etc. (no, no, negative facial expressions, mouth and/or nose)
Cry	(Number) (Kind) (noisy, intermittent)
Breathing Patterns	Change in breathing (shallow, irregular, fast, slow, gagging, grunting, heaving)
Arms	Flexed/extended (flexion/extension, rigid and/or hand extension, flexion)
Legs	Flexed/extended (flexion, straight legs, rigid and/or heel extension, flexion)
State of Arousal	Fussy (crying, restlessness, and thrashing)
Recommended by children health care provider (A score greater than 1 indicates pain)	
Total	6