



**ImageTrend Elite Clinical Release Notes**  
*28 January 2020*

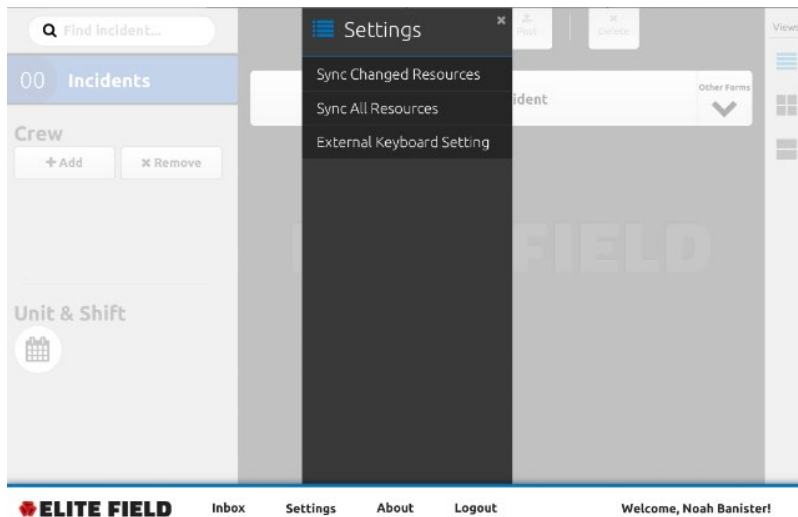
The GMR ImageTrend Support Team will release  
an update to the Elite System on January 28, 2020 at 0800.  
All iPads will need be connected to the internet and a Sync of All Resources  
(Settings/Sync All Resources) will have to be completed to receive the update.

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

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

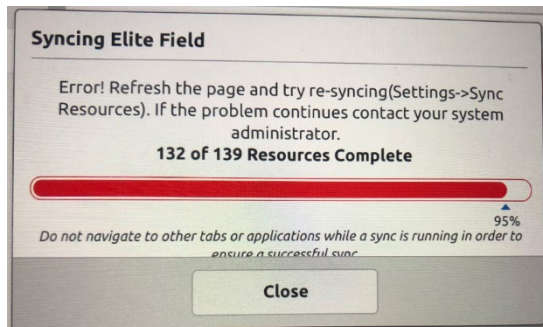
## Important Reminders

At the beginning of each shift a **Sync of All Resources (Settings/Sync All Resources)** must be completed. This must be done so that Elite functions correctly each shift. Not all changes and updates are downloaded when you sign in.



### **\*\*Syncing Elite Field Errors\*\***

We have had issues during the Elite Field syncing process where an error occurs during the process and you do not reach 100% of the resources completed.



Please reference this [Support Article](#) (click hyperlink) for instructions on how to clear the history and website data from the iPad. This support article is available on the AMGH ImageTrend Support site as well.

*It is important that **all charts are posted** to Elite Web before you perform these steps or you will lose your chart and they may not be recoverable.*

## **Template Change Summary**

### **Clinical Changes/NEMESIS Reporting:**

We are required to transmit NEMESIS data to the states where we operate. At times, we may have to report to multiple states if we have a transport originating in one state and dropping off in another state. The following updates are directly related to NEMESIS reporting requirements and are made to remain compliant with reporting.

- Type of Service Requested
- Personal Protective Equipment
- Dispatch > Unit & Crew Information
- OB/Neonatal
- New Power Tools
  - DTR (Deep Tendon Reflex)
  - Doppler Fetal Heart Rate
  - EFM Fetal Heart Rate
- New Worksheets
  - National Institutes of Health Stroke Scale (NIH)
  - Rapid Arterial Occlusion Evaluation Scale (RACE)
- Controlled Substance Administration/Waste

### **Revenue Cycle Mandated Changes/Updates:**

Electronic Ambulance Billing Authorization (ABA) and Medical Necessity (MN) forms historically have been available for (Scene) 911 Response, Interfacility Transport, and Organ transport only. This release will make it available services including Specialty Team Transports. Rules have been added to increase compliance with ABA/MN forms.

No Facesheet and/or Medical Necessity forms results in:

- Patient Impact
- Cash Impact “Delay” for all transports or “Loss” for accident only transports

**Clinical Changes/Updates:**

**1. Primary Role of the Unit - Clarification**



There have been a lot of questions concerning the Primary Role of this Unit. Per NEMSIS, this question is asking what the primary role of the EMS Unit which responded to this specific EMS event is.

If the base you are working at is a GMR air asset, the “Primary Role of the Unit” will always be “Air Transport” even if you go by a ground ambulance.

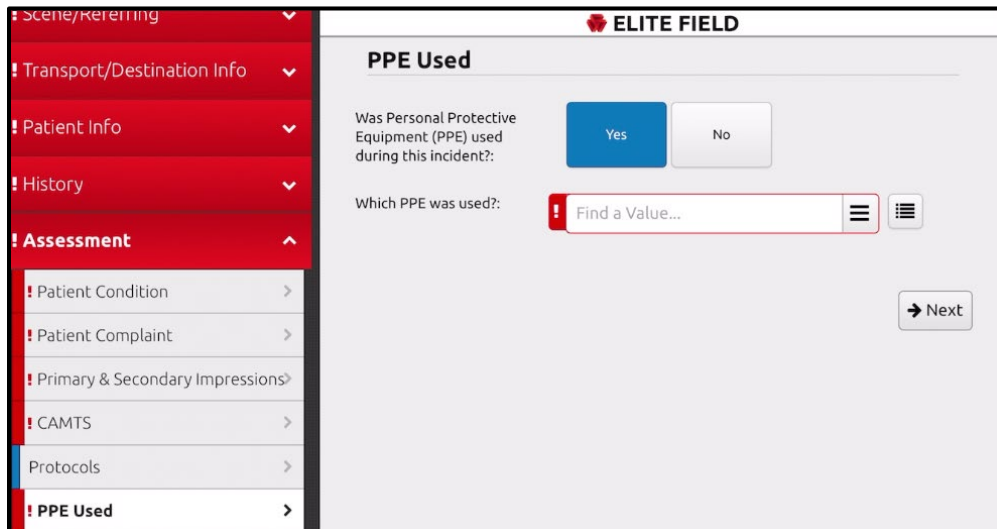
**2. Type of Service Requested – Update**

Due to the needs of a few transport companies, Specialty Team Transport is available for use. If your company does specialty team transports, please refer to **Appendix: Specialty Transports**

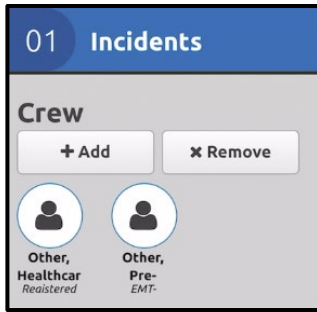
**3. The Critical Care Ground Transport role is only used for dedicated critical care ground ambulances.** This role is also acceptable for a ground ambulance that has the ability to provide Critical Care services, but may only be providing care at another level.

**4. Personal Protective Equipment – Update**

This section was relocated to the Assessment Section.



5. Dispatch > Unit & Crew Information - Updated



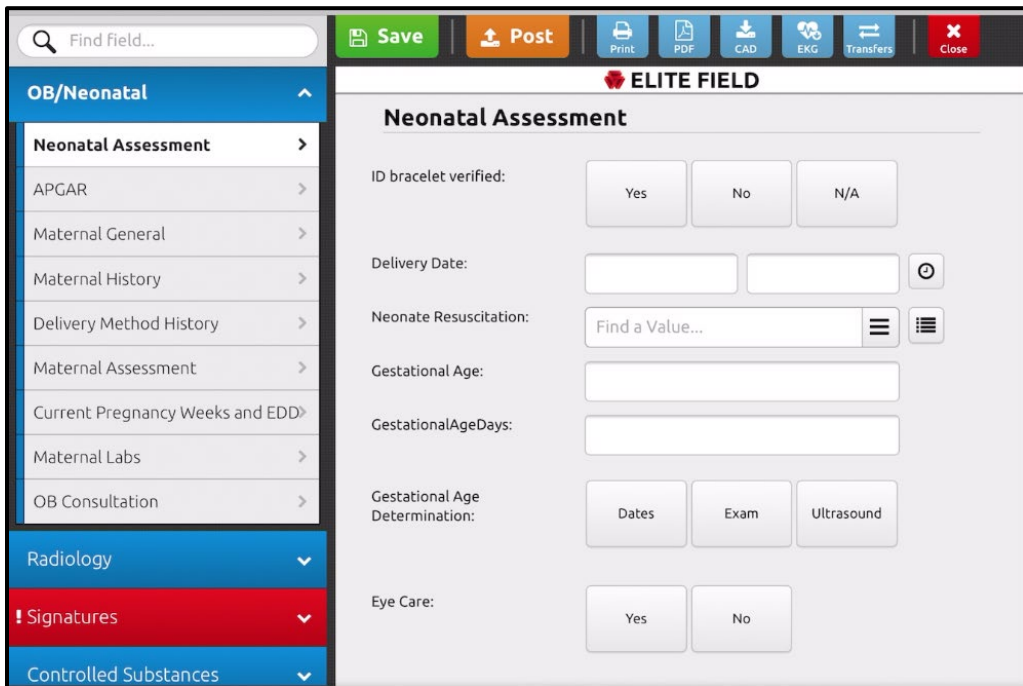
If a crewmember is not on the line-up, please contact your Base Manager/Program Director to be added to the agency.

When building your unit at the beginning of the shift, **DO NOT USE "Other, Healthcare Provider" or "Other, Pre-Hospital Personnel"**.

This feature is a convenience by adding the crewmember(s) to any new incident that is created; however, you always have the ability to add/remove crewmembers at the Dispatch > Unit & Crew Information Section.

6. OB/Neonatal - New Features

Additional fields/values added to this section for use in documentation of obstetric and neonatal patient transports.



7. DTR (Deep Tendon Reflex) Power Tool - **New Feature**



The screenshot shows the "DTR (deep tendon reflex) Power Tool" interface. At the top, there is a title bar with a medical cross icon, the text "DTR (deep tendon reflex) Power Tool", and a "Crew Member" dropdown menu set to "Demo, Medic". To the right are fields for "Date" and "Time", each with a red exclamation mark icon and a refresh button. Below the title bar is a toolbar with buttons for "OK", "Cancel", "Delete", and "Repeat Last".

The main interface is divided into several sections:

- Vitals:** Contains a "Crew Member" dropdown (set to "Demo, Medic"), "Date" and "Time" fields with red exclamation marks, and a "Prior to Arrival" section with "No" and "Yes" buttons.
- Navigation:** A row of buttons labeled "Favorites", "A-D", "E-H", "I-L", "M-N" (highlighted in blue), "O-P", "Q-T", "U-Z", and "#".
- Obtained Prior to this Units EMS Care:** A section with a search bar "Search Obtained Prior to this Units" and "No" and "Yes" buttons.
- Vital Signs:** A section with a red exclamation mark icon and the text "Date/Time Vital Signs Taken", followed by two empty input fields and refresh/clear buttons.
- Patellar Deep Tendon Reflexes (DTR's):** A section with a search bar "Search Patellar Deep Tendon Refle:" and five buttons: "0 - Absent", "1 - Decreased", "2 - Normal", "3 - Brisk/Excessive", and "4 - Clonus".
- Ulnar Deep Tendon Reflexes (DTR's):** A section with a search bar "Search Ulnar Deep Tendon Reflexe:" and five buttons: "0 - Absent", "1 - Decreased", "2 - Normal", "3 - Brisk/Excessive", and "4 - Clonus".
- Vital Comments:** A section with a single large text input field.

8. Doppler Fetal Heart Rate Power Tool - **New Feature**



**Doppler Fetal Heart Rate Power Tool**

Crew Member: Demo, Medic | Date: | Time: |

Vitals

Crew Member: Demo, Medic | Date: | Time: | Prior to Arrival: No Yes

Vitals Fetus

**Vitals Fetus** [X]

Fetus Number | Search Fetus Number

1 2 3 4 More...

Fetal Heart Rate (FHR)(Doppler)

Fetal Movement (FM)

Present, Patient Report | Present, Tocometer remote event marker used by patient to | Absent, Patient Report | Absent, Tocometer remote event marker used by patient to

In-Utero Resuscitation Measures | Search In-Utero Resuscitation Mea:

Position change | Oxygen 10L/min face mask | Fluid Bolus | Tocolytic Medication

9. EFM Fetal Heart Rate Power Tool - **New Feature**



**EFM Fetal Heart Rate Power Tool**

Crew Member: Demo, Medic | Date: | Time: | Prior to Arrival: No Yes

OK Cancel Delete Repeat Last

**Vitals Fetus**

Search Fetus Number

1 2 3 4 More...

Fetal Heart Rate (FHR)(Monitor)

\*\*\*Absent\*\* amplitude range undetectable from baseline FHR /\*\*\*Minimal\*\* amplitude range detectable, but <5 bpm from baseline FHR /\*\*\*Moderate\*\* amplitude range 6-25 bpm from baseline FHR /\*\*\*Marked\*\* amplitude range > 25 bpm from baseline FHR

Favorites A-D E-H I-L M-N O-P Q-T U-Z #

**Fetal Heart Rate Variability**

Search Fetal Heart Rate Variability

Absent Minimal Moderate Marked

**Accelerations**

Search Accelerations

Present, < 32 weeks Present, > 32 weeks Absent

**Decelerations**

Search Decelerations

Early Deceleration Late Deceleration Variable Deceleration Prolonged Deceleration

**Fetal Movement (FM)**

Search Fetal Movement (FM)

Present, Patient Report Present, Tocometer remote event marker used by patient to Absent, Patient Report Absent, Tocometer remote event marker used by patient to

**EFM Tracing**

Search EFM Tracing

Category 1 - Normal Category 2 - Indeterminate Category 3 - Abnormal

**Inconsistent EFM Tracing or FHR Interventions**

Search Inconsistent EFM Tracing or

Reposition ultrasound monitor probe Reposition patient Fetal movement assessed per patient In-utero resuscitation measures implemented

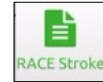
**In-Utero Resuscitation Measures**

Search In-Utero Resuscitation Mea:

Position change Oxygen 10L/min face mask Fluid Bolus Tocolytic Medication



10. New Stroke Scale Worksheets – **New Feature**



The NIH and RACE Stroke scales have been added as a worksheet. These scales do not provided a calculated score; however, the results will be added to the end of the chart to correlate the findings for the patient. (In progress from ImageTrend)

**NOTE: The Stroke Scales Power Tool is still required.** The score(s) will need to be added in the Stroke Power tool as required when the Primary Impression is CVA/Stroke to satisfy NEMESIS requirements.



**11. Controlled Substances Requirement - Update**

*Affects Pain Management, Sedation, Single Dose Medication Powertools*

The following medications will require additional documentation under the Controlled Substance section of the chart:

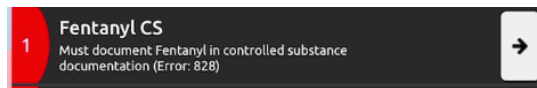
- Ativan (Lorazepam)
- Dilaudid (Hydromorphone)
- Fentanyl
- Ketamine
- Morphine
- Valium (Diazepam)
- Versed (Midazolam)

**\*\*Trade names are listed in CS\*\***

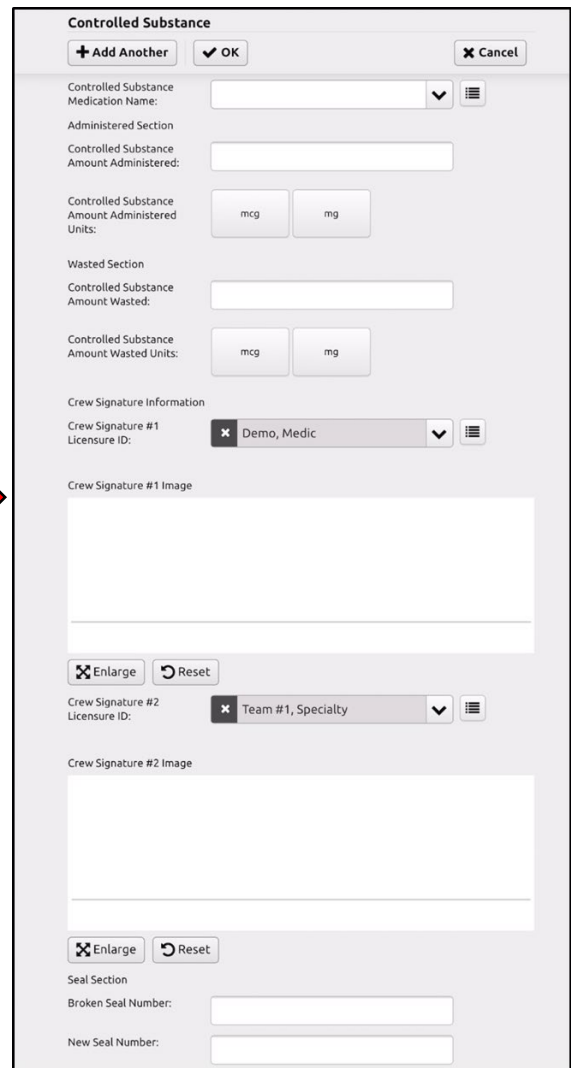
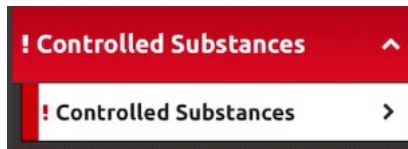
*Example of Fentanyl administration*



**Validation Error:**



*Location to complete the documentation, satisfying documentation rule:*



**Revenue Cycle Mandated Changes/Updates:**

- **Worksheets are now REQUIRED. In the past, you have been able to answer the questions and NOT complete the worksheets. That is no longer possible. Until this rule is satisfied, you cannot post the chart to Web.**

**1. ABA Requirement (Patient Signature)**

30

**WS:ABA Patient 10/2019**  
Please make sure you have filled out the Patient ABA Electronic Form (Error: 807)

Patient

**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

Is patient willing to electronically sign?:

Obtain Patient Signature on the Electronic Worksheet in Section 1:

Obtain Crew Witness Signature:

**2. ABA Requirement (Authorized Signature)**

30

**WS:ABA Authorized Representative 10/2019**  
Please make sure you have filled out the Authorized Representative ABA Electronic Form (Error: 808)

Authorized

**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

Is one of these authorized representatives available to electronically sign?:

Obtain Authorized Rep. Signature on Form in Section 2 on the Electronic Worksheet:

### 3. ABA Requirement (No Receiving Signature with Face Sheet)

**30** **WS:ABA Ambulance Crew Signatures**  
**04/18**  
Please make sure you have filled out the Ambulance Crew Signatures ABA Electronic Form (Error: 746)



**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

Is one of these authorized representatives available to electronically sign?:

Did the patient expire prior to aircraft loading?:

Are you able to get electronic signature from receiving facility signature?:

Did you obtain a paper copy of the ABA Form?:

Do you have a receiving facility facesheet?:

Please fill out the AMBULANCE CREW SIGNATURES Form and make sure Facesheet is attached:

#### 4. ABA Requirement (Receiving Signature)

**30** WS:ABA Ambulance Crew/Receiving Facility 04/2019  
Please make sure you have filled out the Ambulance Crew/Receiving Facility ABA Electronic Form (Error: 812)



**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

Is one of these authorized representatives available to electronically sign?:

Did the patient expire prior to aircraft loading?:

Are you able to get electronic signature from receiving facility signature:

Fill out Crew Member Signature and Have Receiving Facility Sign on the Electronic Worksheet:

#### 5. ABA Requirement (Expired Patient-Cancel)

**30** WS:ABA Cancel Ambulance Crew 04/2019  
Please make sure you have filled out the Cancel Ambulance Crew ABA Electronic Form (Error: 809)



**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

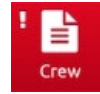
Is one of these authorized representatives available to electronically sign?:

Did the patient expire prior to aircraft loading?:

Fill out the Cancel Ambulance Crew Member Form on the Electronic Worksheet:

### 6. ABA Requirement (Paper ABA – Crew Attestation)

**30** **WS:ABA Crew Member Attestation**  
**01/2019**  
Please make sure you have filled out the Crew Member Attestation ABA Electronic Form (Error: 810)



**ELITE FIELD**

**ABA**

PLEASE REMEMBER TO COMPLETE THE ELECTRONIC WORKSHEET ON THE RIGHT

Is patient mentally and physically capable of electronic signing?:

Is one of these authorized representatives available to electronically sign?:

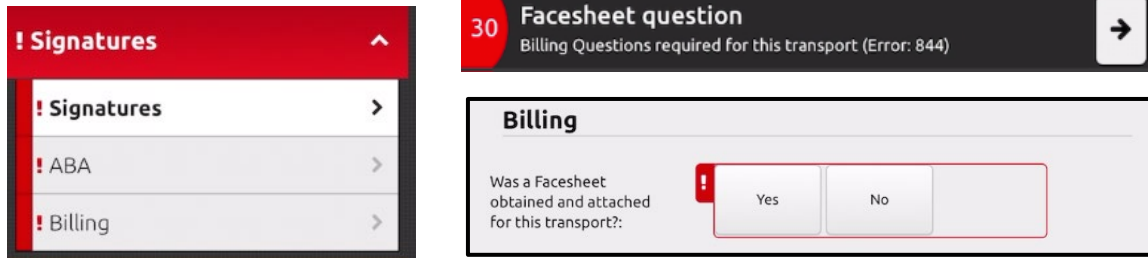
Did the patient expire prior to aircraft loading?:

Are you able to get electronic signature from receiving facility signature?:

Did you obtain a paper copy of the ABA Form?:

Please fill out the Crew Member Attestation Statement:

7. Face Sheet Requirement – **New Feature**



If you select No, you will need to explain why a Facesheet was not obtained/attached.

