
STATE OF IOWA DEPARTMENT OF

Health ^{AND} Human

SERVICES

Trauma Program Manager Webinar

Response Times Criteria / Facility Name in Image Trend

September 29, 2023

Sarah Eason, RN, BS, CEN, EMT
Trauma System Coordinator
Bureau of Emergency Medical & Trauma
Services

Today's Agenda

■ BEMTS Newsletter & Trauma Bulletin

■ Delivered via GovDelivery list serve

- Please let us know if you need added to this distribution list
- Primary source for information, including this webinar series

■ Questions regarding criteria and response times – “Trauma Tip of the Month”

- ED Trauma Record
- Sign-in log
- Open sharing ideas for recording times to meet criteria?

■ Facility Names vs “Facility State ID” in Image Trend

■ **Hospitals change names, do I need to adjust Image Trend?**

Response Times Criteria

- (2-8) and 6(2-8): For Level I, II and III trauma centers, it is expected that the surgeon will be in the emergency department on patient arrival, with adequate notification from the field. The maximum acceptable response time for the highest-level activation tracked from patient arrival for Level I and II trauma centers is 15 minutes, and 30 minutes for Level III trauma centers. The minimum criteria for full trauma team activation are provided in Table 2 in Chapter 5. The program must demonstrate that the surgeon's presence is in compliance at least 80 percent of the time.
- (2-8): For Level IV trauma centers, it is expected that the physician (if available) or midlevel provider will be in the emergency department on patient arrival, with adequate notification from the field. The maximum acceptable response time is 30 minutes for the highest level of activation, tracked from patient arrival. The PIPS program must demonstrate that the physician's (if available) or midlevel provider's presence is in compliance at least 80 percent of the time.
- (5-15): In Level III and IV trauma centers the team must be fully assembled within 30 minutes.
- (8-6): In addition, the performance improvement process must demonstrate that appropriate and timely care is provided. [Level I, II, III with neurosurgery]
- (11-1): Anesthesiology services are critical in the management of severely injured patients and must be available within 30 minutes for emergency operations. [Level I, II, III]
- (11-2): Anesthesiology services are critical in the management of severely injured patients and must be available within 30 minutes for managing airway problems. [Level I, II, III]
- (11-7): In Level III hospitals, in-house anesthesia services are not required, but anesthesiologists or CRNAs must be available within 30 minutes.
- (11-8): In Level III trauma centers without in-house anesthesia services, protocols must be in place to ensure the timely arrival at the bedside by the anesthesia provider within 30 minutes of notification and request.

Response Times Criteria

- (11-17): In Level III trauma centers, an operating room must be adequately staffed and available within 30 minutes.
- (11-18): If an on-call team is used, the availability of operating room personnel and the timeliness of starting operations must be continuously evaluated by the trauma PIPS process, and measures must be implemented to ensure optimal care. [Level III]
- (11-32): In Level I, II, and III trauma centers, qualified radiologists must be available within 30 minutes in person or by teleradiology for the interpretation of radiographs.
- (11-47): In Level III centers, if the CT technologist takes call from outside the hospital, the PIPS program must document the technologist's time of arrival at the hospital.
- (11-56): In Level III trauma centers, physician coverage of the ICU must be available within 30 minutes, with a formal plan in place for emergency coverage.
- (11-60): For all levels of trauma centers, the PIPS program must document that timely and appropriate ICU care and coverage are being provided. In all [Level I, II, and III] trauma centers, the timely response of credentialed providers to the ICU must be continuously monitored as part of the PIPS program.
- 16(2-9): Trauma surgeon response to the emergency department. See previous detail. [Level I, II, III, IV]
- 16(5-16): Trauma surgeon response time to other levels of TTA, and for back-up call response, should be determined and monitored. Variances should be documented and reviewed for reason for delay, opportunities for improvement, and corrective actions. Response parameters for consultants addressing time-critical injuries (for example, epidural hematoma, open fractures, and hemodynamically unstable pelvic fractures) must be determined and monitored). [Level I, II, III]

When your hospital changes their name - *To change or not to change in Image Trend, that is the question.....*

- The choice is YOURS!
- The State will not update your Facility name in Image Trend, but if you do, you must notify the State.
- Image Trend can not map/link the old facility name with the new facility name



Select a Facility

State of Iowa ▼



Name	City	State
Adair County Memorial Hospital	Greenfield	IA
Alegent Creighton Health Mercy Hospital, Corning	Corning	IA
Allen Health System, Waterloo	Waterloo	IA
		IA
Audubon County Memorial Hospital, Audubon	Audubon	IA
Avera Holy Family Hospital, Estherville	Estherville	IA
Avera Merrill Pioneer Rock Rapids	Rock Rapids	IA
Baum-Harmon Mercy Hospital, Primghar	Primghar	IA
Belmond Medical Center, Belmond (DBA Iowa Specialty Hospital of Belmond)	Belmond	IA
Boone County Hospital, Boone	Boone	IA
Broadlawns Medical Center	Des Moines	IA
Buchanan County Health Center, Independence	Independence	IA
Buena Vista Regional Medical Center, Storm Lake	Storm Lake	IA
Burgess Health Center -Onawa	Onawa	IA

✕ Close

I choose to update my hospital's name, how do I do it?



Facilities Report Writer Data Exchange More

Welcome, Sarah Eason Administration Logout

IMAGETREND
PATIENT REGISTRY

*ImageTrend/Lakeville Hospital

Dashboard Incidents Staff Users Setup

My Dashboard Display Preferences

Clock

Wednesday
September 13th, 2023
1:06:22 PM

Notifications

Date Name

September 2023 Monthly Call
Join us for a call on September 13, 2023 at 2:00pm (CST) designed specifically for users of ImageTr... (more...)

Stay Aware of ImageTrend Updates
Stay Aware of ImageTrend Updates

Sign up for notifications from ImageTrend to stay up-to-da... (more...)

Quick Links

Link	Actions
Add Incident	
No Custom Links Added	
Add Link	

Recently Created Incidents

Validity	Date	Medical Record Number	Registry #	Patient	Type	Status
0 %	Sep 5 14:51		ImageTrend -20230905- Demo018			

Support Contacts

ImageTrend Inc. Configure
Phone: (888) 730-3255
Email: Support@imagetrend.com

Recently Viewed Incidents

Validity	Date	Medical Record Number	Registry #	Patient	Type	Status
99 %	Sep 13 11:25	45454545	ImageTrend -20230626- Demo012	Roger I Demodude		
0 %	Sep 6 12:17		ImageTrend -20230706- Demo014			

Sticky Note

Facility Settings and Resources

- Facility
 - Facility Information
- Resources
- Correspondence
- Incident
- Workflow

Integrations

- EMS
 - EMS Lookup
 - Outcome Data
- Transfers

Search

- Facility Settings and Resources
- Facility
- Facility Information**
- Resources
- Correspondence
- Incident
- Workflow
- Integrations

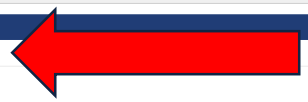
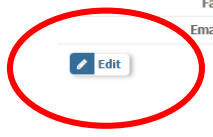
Facility Information

Details

Name:	*ImageTrend/Lakeville Hospital
Address:	20855 Kensington Blvd. Des Moines, IA 50309
AHA Number:	9999
NTDB Facility ID:	99999
Medicare Provider Number:	
National Provider ID:	1312
Facility State ID:	1312
Type of Ownership:	
Inpatient Bed Count:	
Community Area Classification:	
Total Annual ED Volume:	

Contact Information

Phone:	(952) 469-1589
Toll Free:	(888) 469-7789
Fax:	(952) 985-5671
Email:	support@imagetrend.com



USE CAUTION



- Retrospective reports can contain queries based off of Facility Names
 - Be mindful of the reports you have previously created with facility name embedded in the criteria or filter (examples coming up)
 - If you use shared reports, examine them and if the “facility name” is a criteria or filter – Be aware!!! and run the report off of Facility State ID
- Use Facility State ID Number to capture YOUR data from an “old” hospital name or “new” hospital name
 - Where can I find this number?
- Many old reports that Danny helped me with have this in there, so if you change your name, and don’t adjust your report criteria, the report will only pull in record from your previous names.

Search

- ▲ Facility Settings and Resources
- ▲ Facility
 - Facility Information**
 - ▼ Resources
 - ▼ Correspondence
 - ▼ Incident
 - ▼ Workflow
- ▼ Integrations

Facility Information

Details

Name: *ImageTrend/Lakeville Hospital

Address: 20855 Kensington Blvd.
Des Moines, IA 50309

AHA Number: 9999

NTDB Facility ID: 99999

Medicare Provider Number:

National Provider ID: 1312

Facility State ID: 1312

Type of Ownership:

Inpatient Bed Count:

Community Area Classification:

Total Annual ED Volume:



Contact Information

Phone: (952) 469-1589

Toll Free: (888) 469-7789

Fax: (952) 985-5671

Email: support@imagetrend.com

 Edit

I choose “NO”

- Even though you do not have access to other hospital's data, there will be shared reports in Image Trend that require a facility name for a search criteria. Be aware.
- Other users beyond you, should know why you didn't change the hospital name. New employees, future TPM's and administrators.
- 'Public' display of Image Trend reports
- Remember to build new future reports using Facility State ID in criteria and filer sections to avoid complications from future name changes.

Report Writer – Adjusting Criteria and Filters to get the data you want

Facilities Report Writer Data Exchange More ▾ Welcome, Sarah E

IMAGE TREND
PATIENT REGISTRY

Create a Report

Load Dashboard »

Search Reports

My Reports + -

- Test (1)
 - TEST JULY 2023 TPM Webinar

Shared Reports + -

- ACS Pre-Review Questionnaire (2)
- All Patients (14)
- All Patients Sub Reports (31)
- Annual Reports (17)
- Data Exchange (1)
- EMS (1)
- Facility (21)
- Incident (10)
- Incident Statistics (54)
- Injury (1)
- Level II (54)

Create a Transactional Report
Cardiac: Cardiac
Facility: Facilities, Users
Incident: Hospital Incidents, Region Incidents, State Incidents, Stroke

Create a Group Report
Cardiac: Cardiac
Facility: Facilities, Users
Incident: Hospital Analytical, Hospital Incidents, Region Incidents, Regional Analytical, State Analytical, State Incidents, Stroke

Create an Analytical Tabular Report
Incident: Hospital Analytical, Regional Analytical, State Analytical

Create an Analytical Chart Report
Incident: Hospital Analytical, Regional Analytical, State Analytical

Create a Bulk Export
Cardiac: Cardiac
Facility: Facilities, Users
Incident: Hospital Incidents, Region Incidents, State Incidents, Stroke

Columns to Display



Columns Display Grouping Sorting Criteria Additional Options Actions ▾ Generate Report »

This report has been modified. To save your changes go to Actions -> Save

Columns: Transfer Delay IT

Data Set: State Incidents

Select Columns

Search:

Available

- ABA Inclusion
- ABG pH (TR18.179)
- ABGs Drawn (TR18.182)
- Account Number (TR1.27)
- ACS ISS Calc Range
- Activation Level Upgrade/Downgrade (TR17.78.2)
- Activation Level Was Changed Date (TR17.78.1)
- Activation Level Was Changed Date Time (TR17.78.1, TR17.78.1.1)
- Activation Level Was Changed Time (TR17.78.1.1)
- Activity At Injury (TR5.2)
- Addendum Added By
- Addendum Date
- Addendum Description
- Addendum Filename
- Additional AIS 05 Code (TR201.0)
- Additional AIS 05 Code (TR201.0)
- Additional AIS 05 Description (TR201.0)
- Additional AIS 2015 Code (TR201.0)

Selected

- Incident Number (TR5.12)
- Facility Name
- Facility State ID
- ED/Acute Care Admission Date (TR18.55)
- Patient DOB (TR1.7)
- Patient Gender (TR1.15)
- Incident Date (TR5.1)
- Transfer Delay (TR17.45)
- Transfer Delay Reason (TR17.44)
- ED Other Reason for Transfer Delay (TR17.43)
- ED/Acute Care Length Of Stay Minutes (until Physical D/C)
- ISS Calculated (TR21.8)

Create Column...

Make Report Distinct: Yes No
Makes this report only return DISTINCT rows

Continue

Adjusting Criteria and Filters to get what you want



Columns | Display | Grouping | Sorting | **Criteria** | Additional Options | Actions v | [Generate Report »](#)

This report has been modified. To save your changes go to Actions -> Save

Criteria: Transfer Delay IT

Data Set: State Incidents

Criteria

And/Or	Not	Field	Operator	Value
<input type="checkbox"/>	<input type="checkbox"/>	Facility State ID	Is Equal To	1312

[Add New](#)

Filters

Search:

Available

- Facility Discharge Orders Written Date Time
- Facility Discharge Orders Written Time (TR25.94)
- Facility Discharge Service (TR25.31)
- Facility Discharge Summary (RA1.30)
- Facility Discharge Time (TR25.48)
- Facility Length Of Stay - Calendar Days (Physical D/C) (TR25.44)
- Facility Length of Stay - Calendar Days (until D/C orders written) (TR25.44.Written)
- Facility Length of Stay Days (TR25.44.Days)
- Facility Length of Stay Hours
- Facility Length of Stay Minutes
- Facility Length of Stay Total Minutes (Physical D/C) (TR25.44.Mins)
- Facility Name

[Edit Labels...](#)

Selected

- ED/Acute Care Admission Date (TR18.55)

[Back](#) [Continue](#)

Criteria



Columns Display Grouping Sorting **Criteria** Additional Options Actions Generate Report »

This report has been modified. To save your changes go to Actions -> Save

Criteria: Transfer Delay IT Data Set: State Incidents

Criteria

And/Or	Not	Field	Operator	Value
<input type="checkbox"/>	NOT	Facility Name	Is Equal To	*ImageTrend/Lakeville Hospital

Add New

Filters

Search: Facility Name

Available

- Referring Facility Name (TR33.1)
- Transfer To Other Facility Name (TR25.39)

Selected

- ED/Acute Care Admission Date (TR18.55)
- Facility Name

Edit Labels...

Back Continue

Filter

Columns Display Grouping Sorting Criteria Additional Options Actions Generate Report »

This report has been modified. To save your changes go to Actions -> Save

Criteria: Transfer Delay IT
Data Set: State Incidents

And/Or	Not	Field	Operator	Value
<input type="checkbox"/>	NOT	Facility Name	Is Equal To	*ImageTrend/Lakeville Hospital

Add New

Filters

Facility Name

Available

- Referring Facility Name (TR33.1)
- Transfer To Other Facility Name (TR25.39)

Selected

- ED/Acute Care Admission Date (TR18.55)
- Facility Name

Edit Labels...

Back Continue

Generate Report and select query

Columns Display Grouping Sorting Criteria Additional Options Actions ▾ Generate Report »

This report has been modified. To save your changes go to Actions -> Save Reset Filters

Transfer Delay IT

Filter Your Results

ED/Acute Care Admission is between 09/01/2021 and 09/13/2023
Date (TR18.55):
Facility Name: contains

Where it becomes a problem if you have multiple names in the system

Transfer Delay IT

Filter Your Results

ED/Acute Care Admission is between 09/01/2021 and 09/13/2023
Date (TR18.55):

Facility Name: is equal to • Select One • ▲

- *ImageTrend West
- *ImageTrend/Lakeville Hospital
- Abbott Northwestern
- Adair County Memorial Hospital
- Alegent Creighton Health Mercy Hospital, Coming
- Alegent Health Plainview Hospital
- Allen Health System, Waterloo
- Allen Inpatient Rehab

247

This report has been modified. To save your changes go to Actions -> Save



Transfer Delay IT

Incident Number (TR5.12)	Facility Name	Facility State ID	Ed/Acute Care Admission Date (TR18.55)	Patient DOB (TR1.7)	Patient Gender (TR1.15)	Incident Date (TR5.1)	Transfer Delay (TR17.45)	Transfer Delay Reason (TR17.44)	ED Other Reason for Transfer Delay (TR17.43)	ED/Acute Care Length Of Stay Minutes (until Physical D/C)	ISS Calculated (TR21.8)
Iowa21070801000021		9080100	04/18/2021	05/20/1970	Female	04/18/2021	No	-Select-		28	4
Iowa21070801000022		9080100	04/17/2021	06/30/2006	Female	04/17/2021	No	-Select-		53	20
Iowa21071301000023		9080100	05/21/2021	02/19/1991	Male	05/21/2021	No	-Select-		43	4
Iowa21071301000024		9080100	05/14/2021	11/16/1959	Male	05/14/2021	No	-Select-		9	9
Iowa21071301000025		9080100	05/19/2021	03/04/1962	Female	05/19/2021	No	-Select-		49	4
Iowa21071301000026		9080100	05/13/2021	10/24/2003	Female	05/13/2021	No	-Select-		46	4
Iowa21071301000027		9080100	05/14/2021	07/12/1971	Male	05/14/2021	No	-Select-		30	8
Iowa21071301000028		9080100	05/16/2021	09/21/1945	Female		No	-Select-		35	9
Iowa21072101000029		9080100	06/15/2021	08/29/1943	Female	06/15/2021	No	-Select-		48	4
Iowa21072201000030		9080100	06/19/2021	12/24/1977	Female		-Select-	-Select-		35	4
Iowa21081701000031		9080100	07/25/2021	03/26/1948	Female		No	-Select-		43	16
Iowa21081701000032		9080100	07/07/2021	03/25/1938	Female	07/07/2021	No	-Select-		29	10
Iowa21081701000033		9080100	07/03/2021	11/09/1979	Female	07/03/2021	No	-Select-		48	1
Iowa21092201000034		9080100	08/18/2021	07/26/2004	Female	08/18/2021	No	-Select-		4	4
Iowa21092201000035		9080100	08/20/2021	11/16/1945	Female		No	-Select-		15	17
Iowa21113001000036		9080100	10/01/2021	11/17/1940	Female	10/01/2021	No	-Select-		41	9
Iowa22011701000001		9080100	12/12/2021	03/03/2005	Male	12/12/2021	No	-Select-		10	4
Iowa22012001000002		9080100	12/24/2021	03/14/1967	Female		-Select-	-Select-		36	4

Report Filters

Ed/Acute Care Admission Date (Tr18.55): is between '01/01/2021' and '12/31/2021'

Facility Name: is equal to [Redacted]

Instead “criteria” this - Facility State ID

The image shows a software dialog box titled "Edit Criteria Line". It contains three main input fields:

- Field:** A dropdown menu currently showing "Facility State ID".
- Operator:** A dropdown menu currently showing "is equal to".
- Value:** A text input field containing the number "1312".

At the bottom of the dialog, there are two buttons: "Save" on the left and "Cancel" on the right.

Or Filter it this way- Facility State ID

Facilities Report Writer Data Exchange More

Welcome, Sarah Eason Administration Logout

IMAGE TREND
PATIENT REGISTRY

Create a Report

Load Dashboard

transfer Delay IT

My Reports

Shared Reports

Test (1)

Transfer Delay IT

ImageTrend Reports

Legend

Transactional Report

Analytical Tabular Report

Analytical Chart Report

Group Report

Version: 23.03.01 DB: 23.03.01 at 04-11-2023 09:29

Columns Display Grouping Sorting Criteria Additional Options Actions

Generate Report

Criteria: Transfer Delay IT

Data Set: State Incidents

And/Or	Not	Field	Operator	Value
Add New				

Filters

Search: Facility State

Available

- Facility State
- Facility State FIPS
- Transfer To Other Facility State (TR25 41)

Selected

- ED/Acute Care Admission Date (TR18 55)
- Facility State ID

Edit Labels...

Back Continue

Questions ?

References:

- The American College of Surgeons – Committee on Trauma.
Resources for the Optimal Care of the Injured Patient (2014 edition).