

Data Manager Call

GAMUT Database

Monday, June 2, 2014

Participation

Data Manager Call

GAMUT Database

Participation

Advanced Airway
Management

Intubation

General Metrics

Focused
Populations

Rare Events

Data Entry

GAMUT Overview

62 Total Programs

- ▶ 24 reporting data
- ▶ 17 reporting all months

9569 Total Patients

- ▶ 2559 Neonatal
- ▶ 5489 Pediatric
- ▶ 1514 Adult:

Data as of : Mon Jul 14 19:36:18 2014

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Record Status Dashboard

Program Name	Program Info Annual	Monthly Data Jan 2014	Monthly Data Feb 2014	Monthly Data Mar 2014	Monthly Data Apr 2014
A [blurred]					
A [blurred]					
A [blurred]					
A [blurred]					
B [blurred]					
B [blurred]					
B [blurred]					
C [blurred]					
C [blurred]					
C [blurred]					
C [blurred]					
C [blurred]					
C [blurred]					
C [blurred]					
D [blurred]					
D [blurred]					

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Advanced Airway Management

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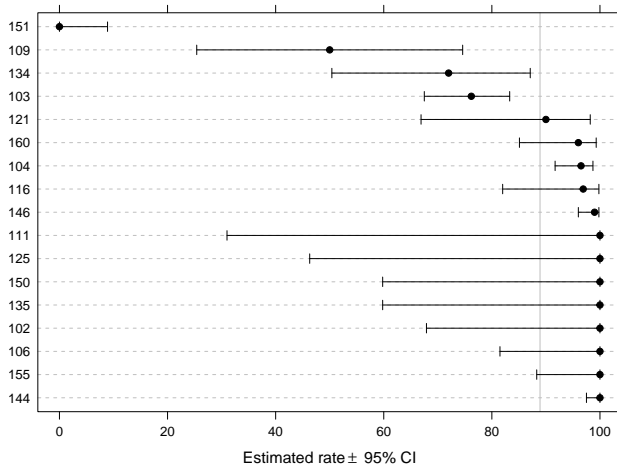
Focused
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Data Entry

Mechanical Ventilation

**Percent of patient transport contacts with
an advanced airway supported by a mechanical ventilator**
Overall: 88.9 % (834/938)



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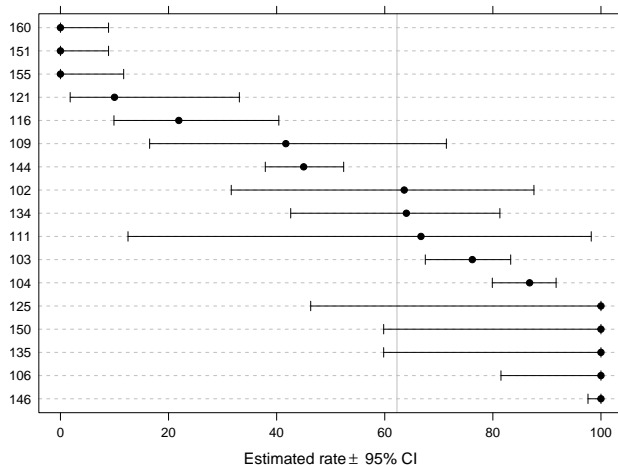
Rare Events

Data Entry

Waveform Capnography

**Percent of patient transport contacts with advanced airways
in whom continuous waveform capnography was used.**

Overall: 62.3 % (584/938)



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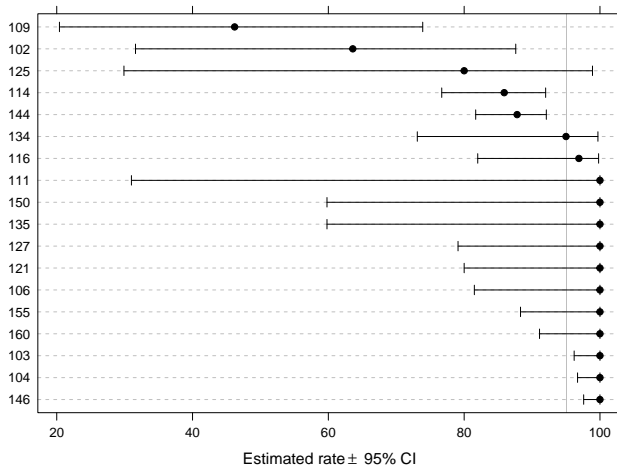
Rare Events

Data Entry

Confirmed tracheal tube placement

Percent of intubated patient transport contacts
with documentation of confirmed tracheal tube placement.

Overall: 95.1 % (926/974)



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Neonatal - First Attempt Success

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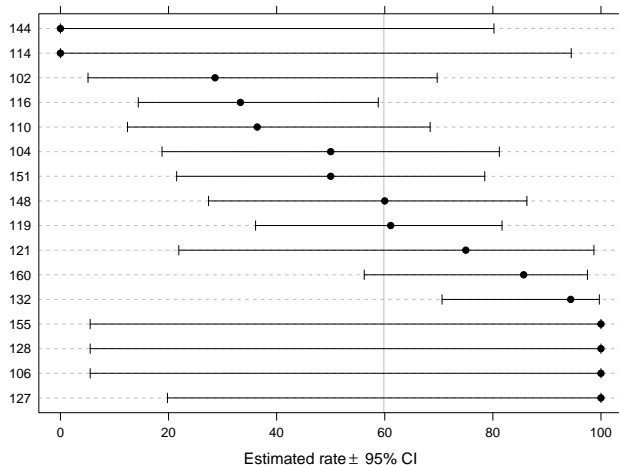
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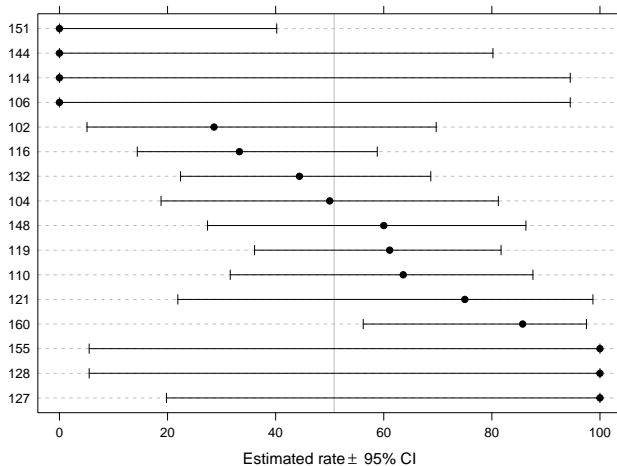
Data Entry

**Neonatal – Percent of patient transport contacts successfully intubated
on the 1st attempt by the transport team**
Overall: 59.8 % (73/122)



Neonatal - DASH-1A

**Neonatal – Percent of patients with definitive airway during the 1st attempt
by the transport team without suffering hypoxia or hypotension**
Overall: 50.8 % (62/122)



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Pediatric - First Attempt Success

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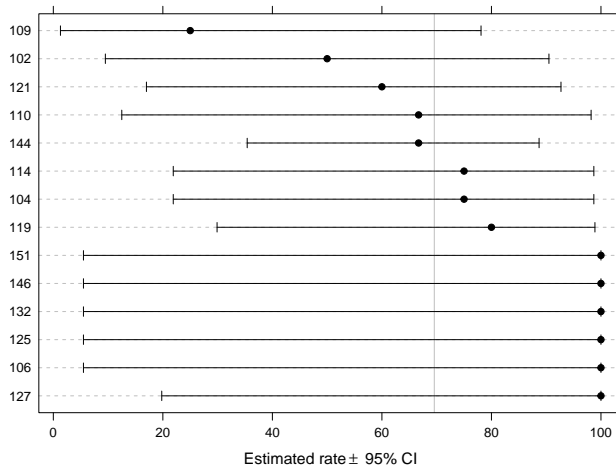
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Data Entry

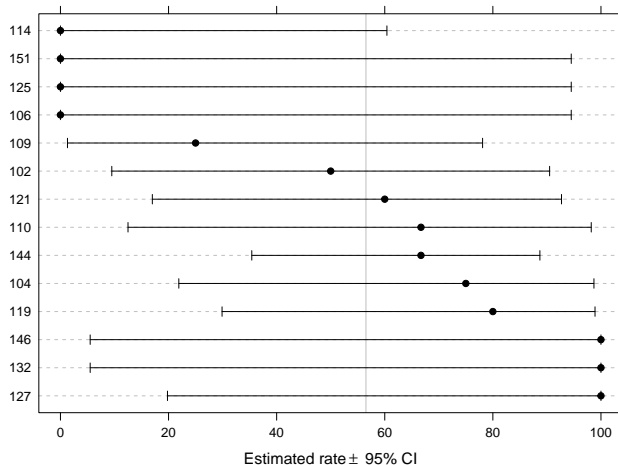
**Pediatric – Percent of patient transport contacts successfully intubated
on the 1st attempt by the transport team**
Overall: 69.6 % (32/46)



Pediatric - DASH-1A

**Pediatric – Percent of patients with definitive airway during the 1st attempt
by the transport team without suffering hypoxia or hypotension**

Overall: 56.5 % (26/46)



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Adult - First Attempt Success

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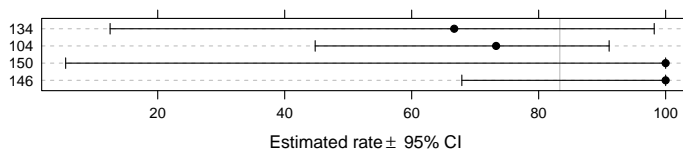
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**Adult – Percent of patient transport contacts successfully intubated
on the 1st attempt by the transport team**

Overall: 83.3 % (25/30)



Adult DASH-1A

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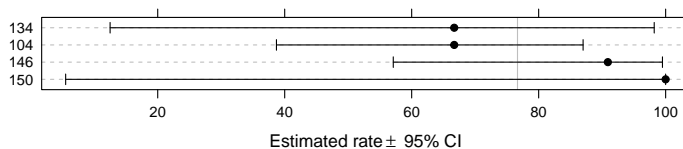
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**Adult – Percent of patients with definitive airway during the 1st attempt
by the transport team without suffering hypoxia or hypotension**

Overall: 76.7 % (23/30)



RSI protocol compliance

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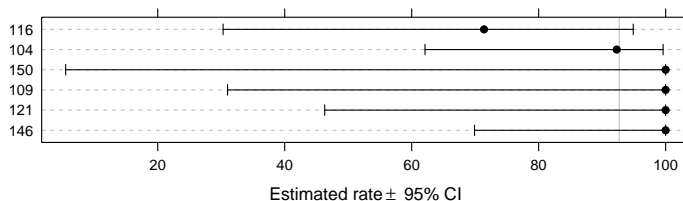
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**Percent of patient transport contacts undergoing RSI
where all indicated elements of the program's RSI protocol were completed.**

Overall: 92.7 % (38/41)



General Metrics

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Reliable pain assessments

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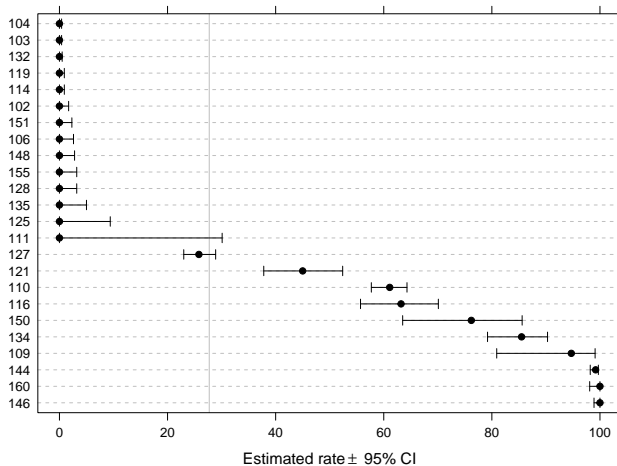
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**Percent of patient transport contacts with a
documented pain assessment.**

Overall: 27.7 % (2652/9569)



Incidence of hypoxia during transport

NUMERATOR:

Number of patient transport contacts during which the documented pulse oximetry reading drops below 90%.

Multiple incidents with one patient are considered as one incident. If the pulse oximetry reading is chronically low or is below 90% when contact is made, the patient is not included except for those patients where the saturation has been corrected to greater than 90% and falls again.

DENOMINATOR:

Number of patient transport contacts during the calendar month (excluding those with chronic oxygen saturations lower than 90% or oxygen saturations lower than 90% that persist throughout the entire transport).

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Incidence of hypoxia during transport

group	num	den
102	0	0
103	2	0
104	0	0
106	0	0
109	4	0
110	0	0
111	0	0

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Incidence of hypoxia during transport

group	num	den
114	0	0
116	8	180
119	0	0
121	0	0
125	0	0
127	0	0
128	0	0

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Incidence of hypoxia during transport

group	num	den
132	0	0
134	9	168
135	0	0
144	2	774
146	2	0
148	0	0

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HEMS Over-triage

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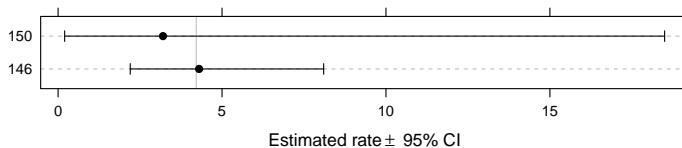
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**Percent of the HEMS patient transport contacts
discharged without hospital admission**
Overall: 4.2 % (11/261)



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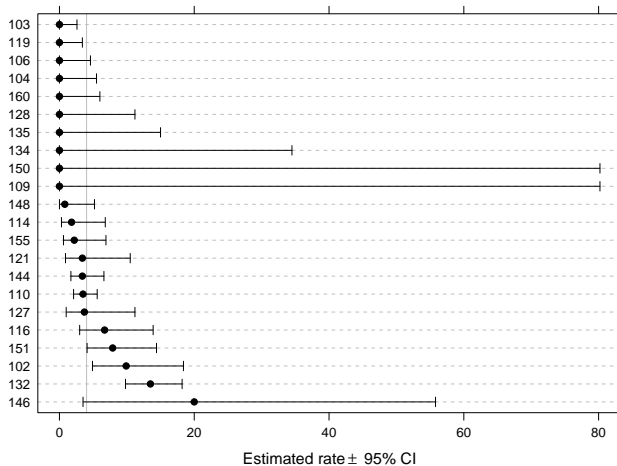
Rare Events

Data Entry

Focused Populations

Neonatal Hypothermia on Arrival

Percent of neonates found
hypothermic upon admission
Overall: 4 % (103/2559)



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STEMI Bedside

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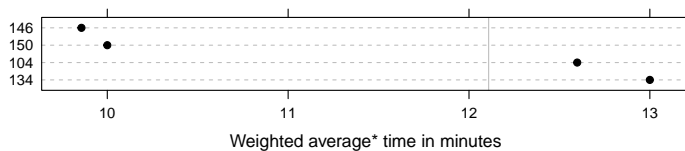
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**Average bedside time for
STEMI activation patients
Overall: 12 min.**



STEMI Scene

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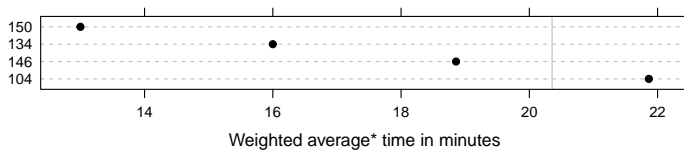
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**Average scene time for
STEMI activation patients
Overall: 20 min.**



ECG interpretation for STEMI patients

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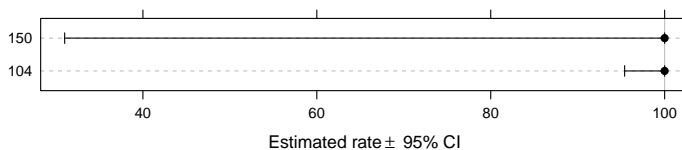
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**Percent of transport patient contacts with accurately
interpreted 12-lead ECG evaluations**

Overall: 100 % (103/103)



Blood glucose check for altered mental status

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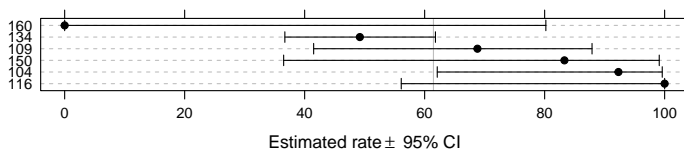
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Data Entry

**Percent of patient transport contacts with altered mental status
or focal neurologic deficit with a documented blood glucose check.**

Overall: 61.5 % (67/109)



Management of hypertension in hemorrhagic stroke

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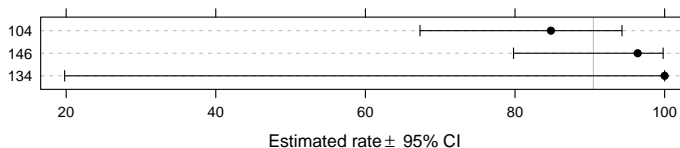
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**Percent of transport patient contacts with
hemorrhagic stroke and appropriate blood pressure management**
Overall: 90.5 % (57/63)



Appropriate management of hemorrhagic shock

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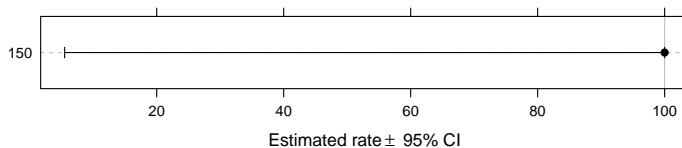
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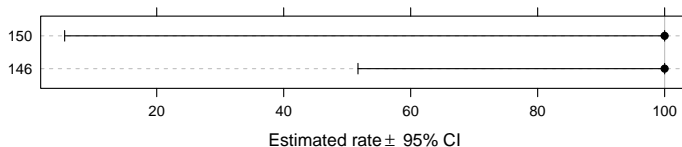
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Percent of patient transport contacts with hemorrhagic shock appropriately managed
Overall: 100 % (1/1)



Appropriate management of blood pressure for aortic emergencies

Percent of patient transport contacts with known or suspected aortic dissection receiving indicated blood pressure and heart rate therapies:
Overall: 100 % (7/7)



Rare Events

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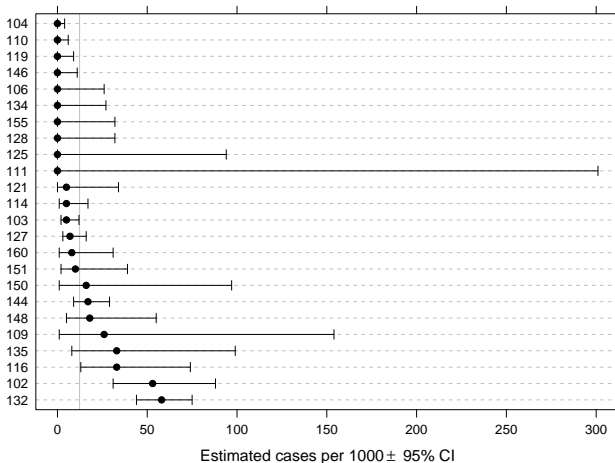
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Rare Events

Data Entry

Medical equipment failure

**Medical equipment failures
per 1000 patient transport contacts.
Overall: 12.3 per 1000 (118/9569)**



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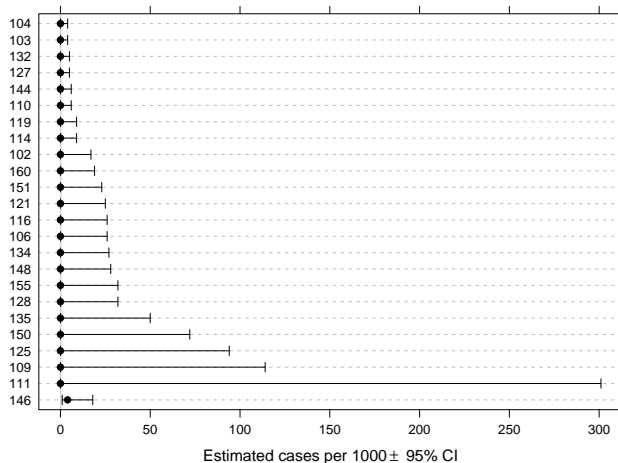
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Rare Events

Data Entry

Adverse drug event during transport

**Adverse drug events
per 1000 patient transport contacts**
Overall: 0.2 per 1000 (2/9569)



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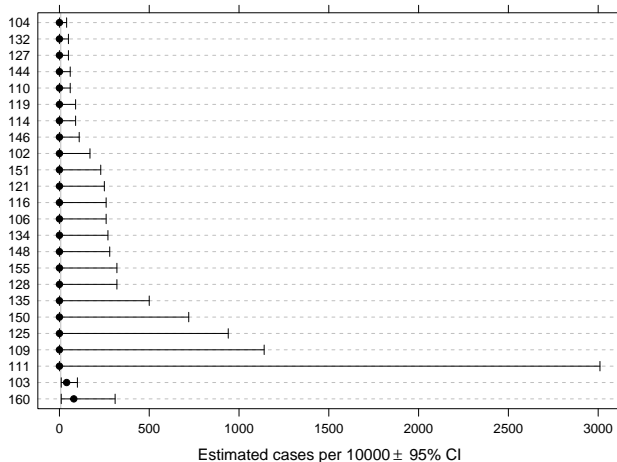
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Data Entry

Patient near-miss events

**(Rolling 12 month) transport-related patient mishap rate
per 10,000 patient transport contacts**
Overall: 7.3 per 10000 (7/9569)



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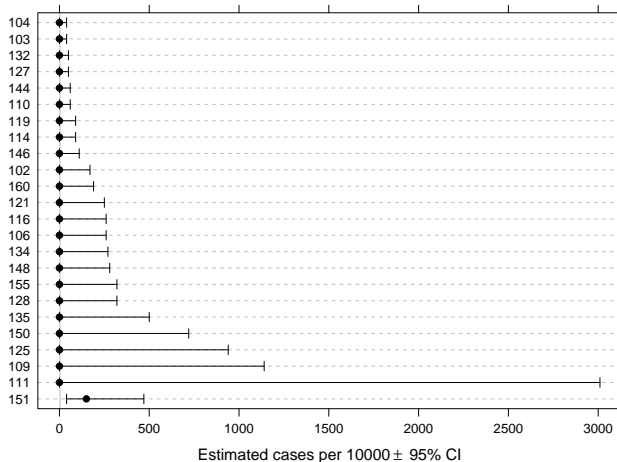
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Data Entry

Rate of Serious Reportable Event

(Rolling 12 month) SRE rate
per 10,000 patient transport contacts
Overall: 3.1 per 10000 (3/9569)



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Unplanned device dislodgements

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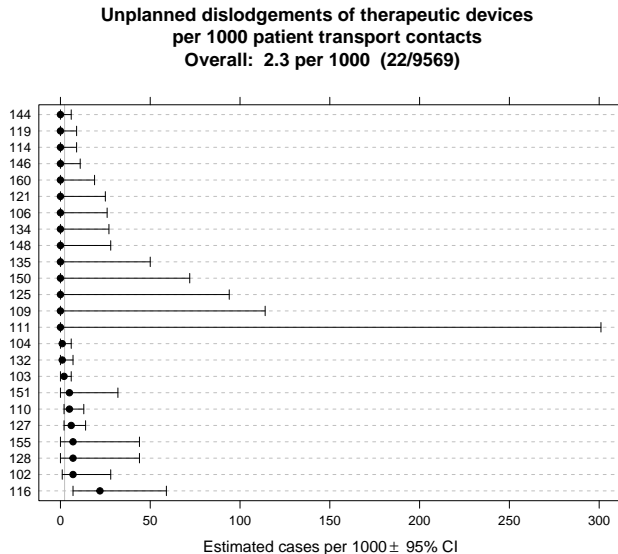
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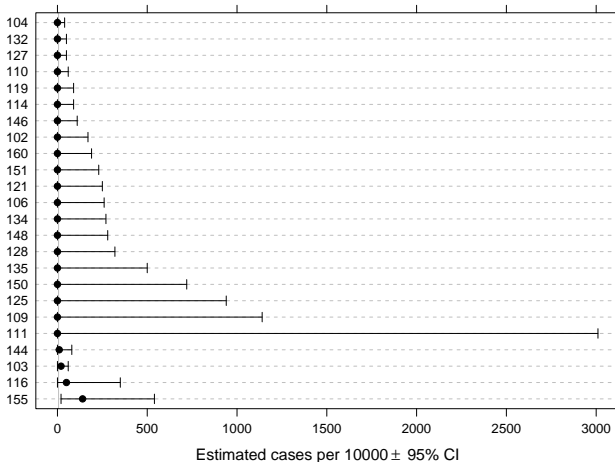
Rare Events

Data Entry



Medication errors on transport

**(Rolling 12 month) medication error rate
per 10,000 patient transport contacts.
Overall: 6.3 per 10000 (6/9569)**



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Data Quality

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Rule #1: **more tracheal tubes confirmed than total tracheal tube cases**

Discrepancies found: **2**

Record (Sorted by DAG)	Discrepant fields with their values	Status	Resolve issue 
Jan 2014	adv_airway_tt_confirmed: 28 adv_airway_tt_cases:	Issue exists	 0 comments
Feb 2014	adv_airway_tt_confirmed: 22 adv_airway_tt_cases:	Issue exists	 0 comments

click to open the record

Issue Resolution

Tracheal Tube Confirmation

Number of tracheal tubes with confirmation of placement



28



Number of transport contacts with tracheal tubes




Data Entry


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Issue Resolution

 **Data Resolution Workflow** 

 [VIDEO: Data Resolution Workflow](#)

This pop-up displays the Data Resolution Workflow for the specified record for a given field and/or Data Quality rule. Users with appropriate user privileges may open data queries to begin a documented process of resolving an issue with the data. Opened data queries may thus be responded to by users with appropriate privileges, and then they may be closed once the issue has been resolved. All data queries can also be viewed on the Resolve Issues page in this project.

Program Name: [REDACTED]
Event: **Jan 2014**
Field: **adv_airway_tt_cases** ("Number of transport contacts with tracheal tubes")
Status:  **Open / Unresolved** (unresponded)

Date/Time	User	Comments and Details
06/01/2014 6:51am	admin	Action: Opened query Assigned to user: [REDACTED] Comment: "Please enter the related denominator for this measure or delete this value."
06/01/2014 8:29am	rparrish	<div>Reply with response: <div>-- choose response -- -- choose response -- Corrected - Data missing Corrected - Typographical error Corrected - Wrong source used Verified - Confirmed correct (no error) Other</div></div> <div>Upload file (optional): <input type="text"/></div> <div>Comment: <input type="text"/></div>

Respond to query

Cancel

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Next Steps

1. Local infrastructure & tracking
2. Enter Data in GAMUT database
3. Develop run-charts (trends)
4. Grow participation
5. Improve Patient Care / Safety

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