

# GAMUT Update

GAMUT Database

Monday, July 14, 2014

# Participation

# GAMUT Overview

GAMUT Update

GAMUT Database

Participation

Advanced Airway  
Management

Intubation

General Metrics

Focused  
Populations

Rare Events

## 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

# Advanced Airway Management

# Mechanical Ventilation

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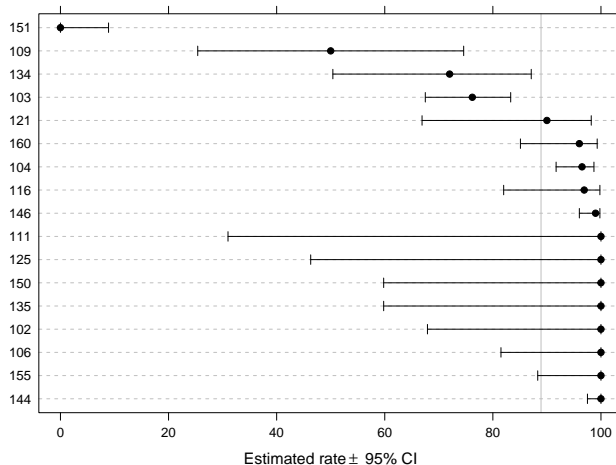
Intubation

General Metrics

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Rare Events

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



# Waveform Capnography

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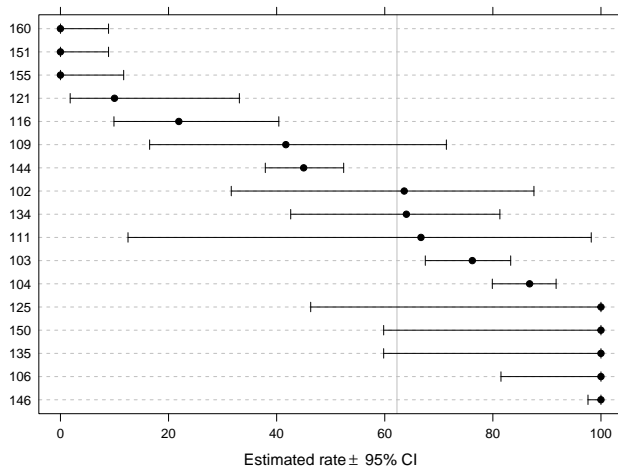
General Metrics

Focused  
Populations

Rare Events

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

**Overall: 62.3 % (584/938)**



# Confirmed tracheal tube placement

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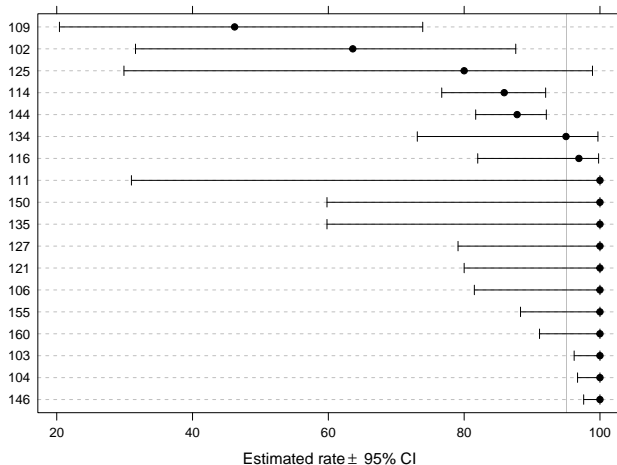
General Metrics

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Populations

Rare Events

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

**Overall: 95.1 % (926/974)**



# Intubation

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**Intubation**

General Metrics

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# Neonatal - First Attempt Success

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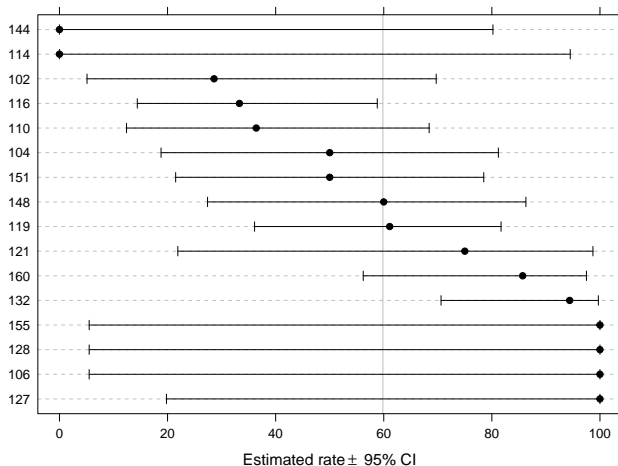
Intubation

General Metrics

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



# Neonatal - DASH-1A

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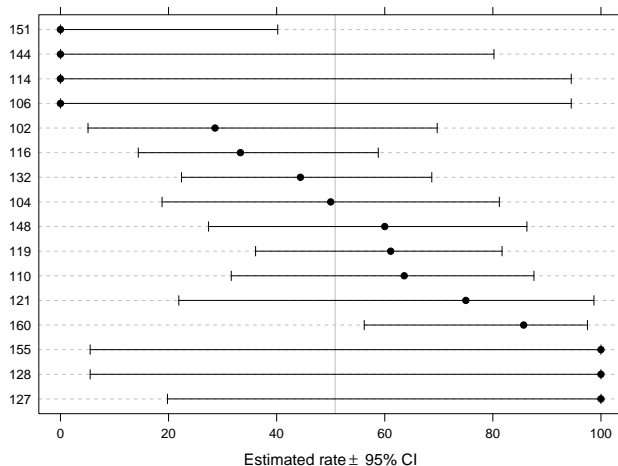
General Metrics

Focused  
Populations

Rare Events

**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)**



# Pediatric - First Attempt Success

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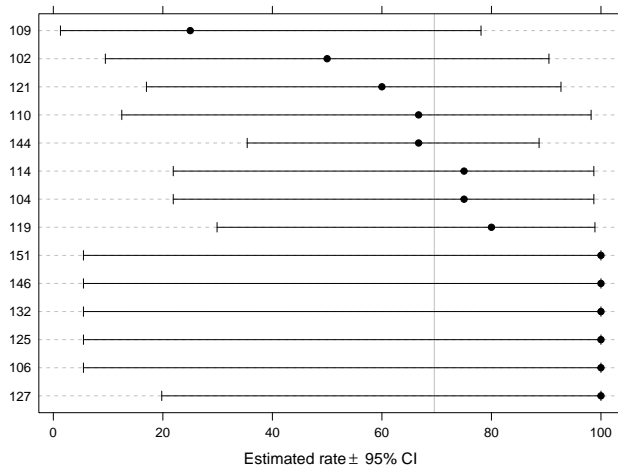
Intubation

General Metrics

Focused  
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Rare Events

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



# Pediatric - DASH-1A

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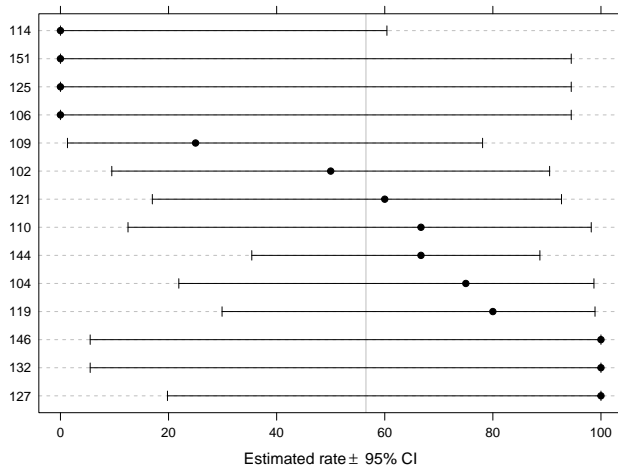
General Metrics

Focused  
Populations

Rare Events

**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)**



# Adult - First Attempt Success

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Intubation

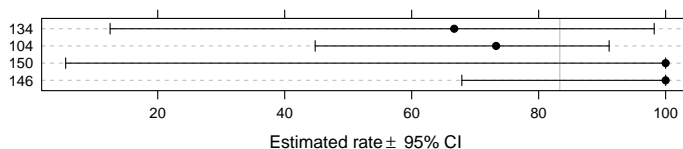
General Metrics

Focused  
Populations

Rare Events

**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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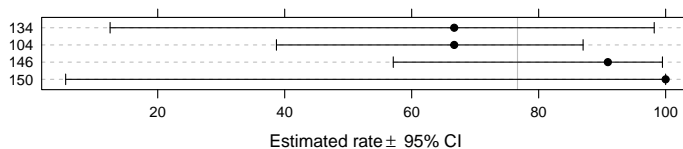
General Metrics

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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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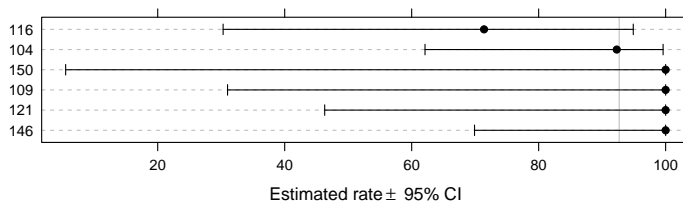
Intubation

General Metrics

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Rare Events

**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



# Reliable pain assessments

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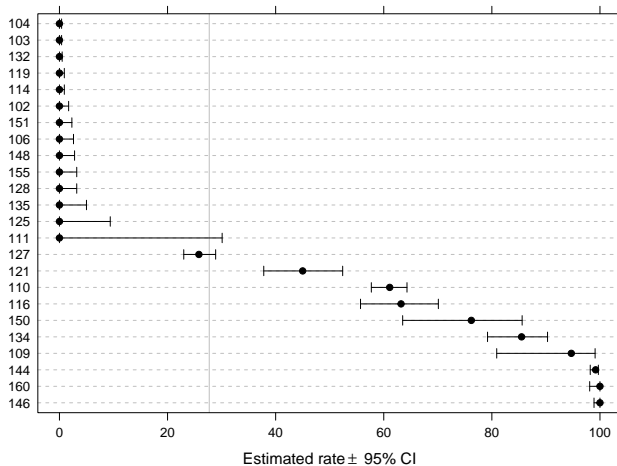
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**Percent of patient transport contacts with a  
documented pain assessment.**

**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).

# 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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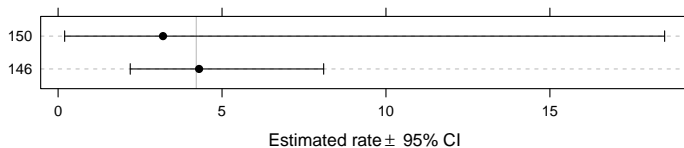
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Rare Events

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



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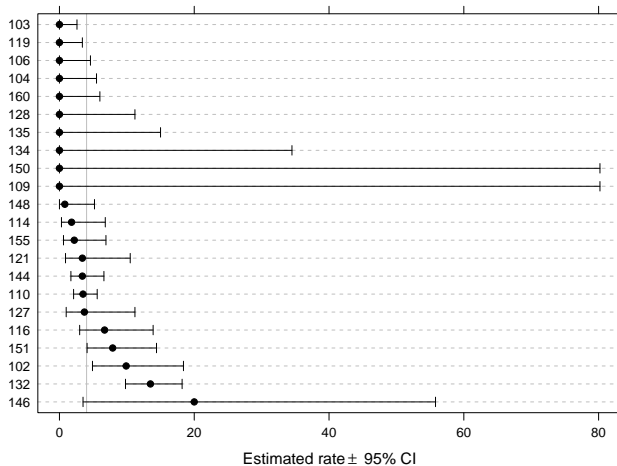
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Populations

Rare Events

# 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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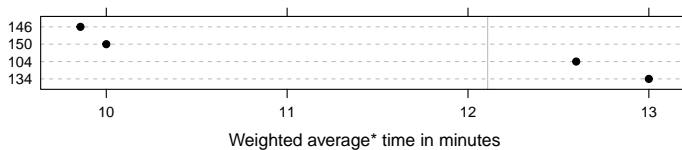
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Populations

Rare Events

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



# STEMI Scene

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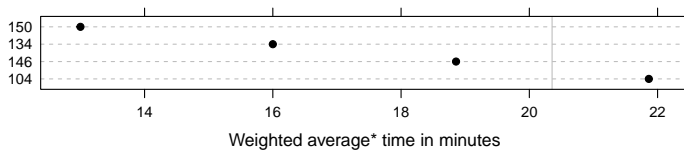
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Rare Events

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



# ECG interpretation for STEMI patients

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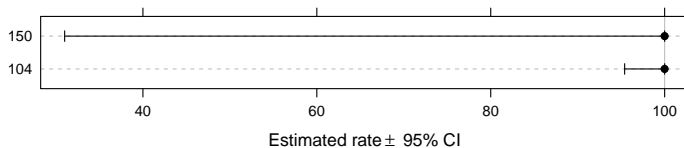
General Metrics

Focused  
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Rare Events

**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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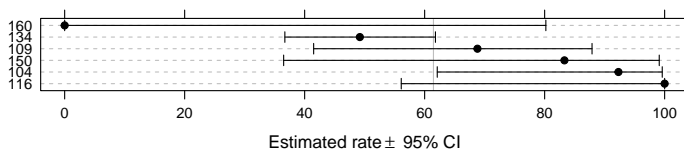
General Metrics

Focused  
Populations

Rare Events

**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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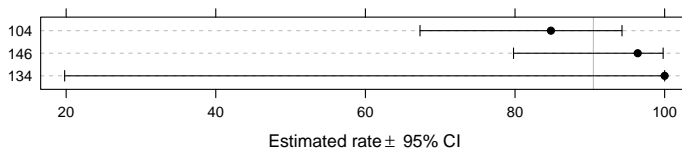
Intubation

General Metrics

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Rare Events

**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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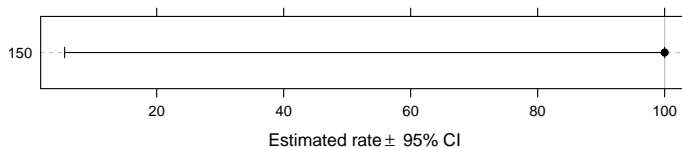
Intubation

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Rare Events

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



# Appropriate management of blood pressure for aortic emergencies

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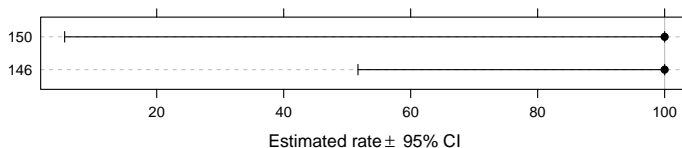
Intubation

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Rare Events

**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



# Medical equipment failure

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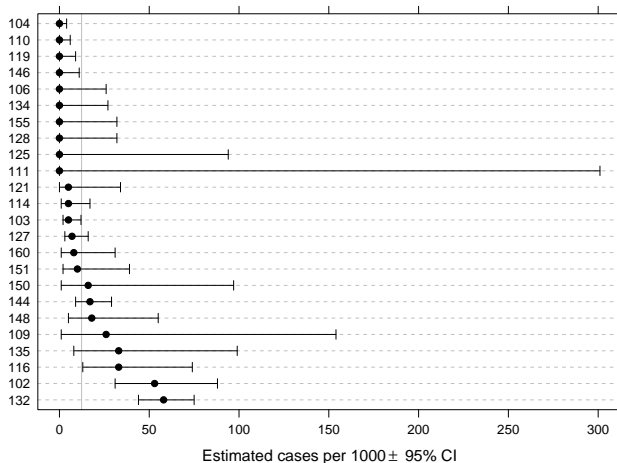
Intubation

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Rare Events

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



# Adverse drug event during transport

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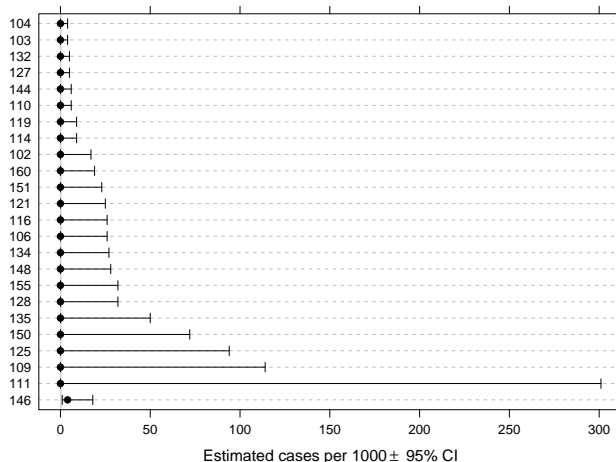
Intubation

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Rare Events

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



# Patient near-miss events

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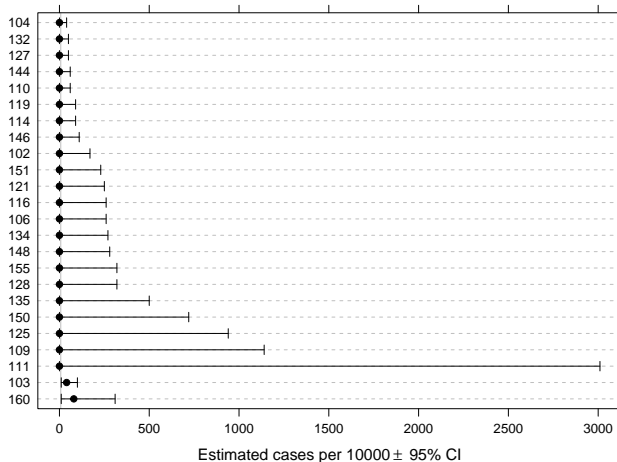
Intubation

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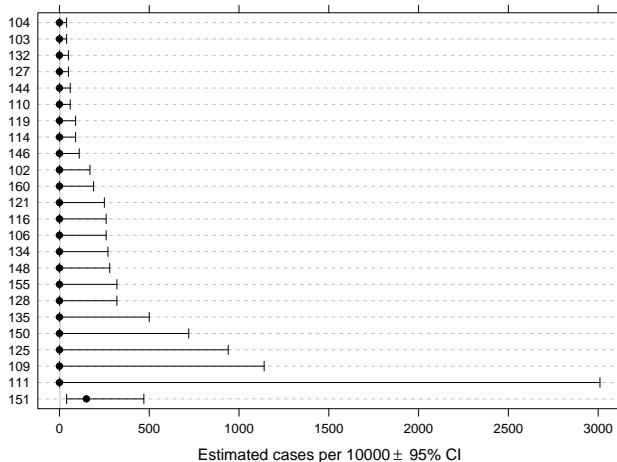
Rare Events

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



# 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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Rare Events

# Unplanned device dislodgements

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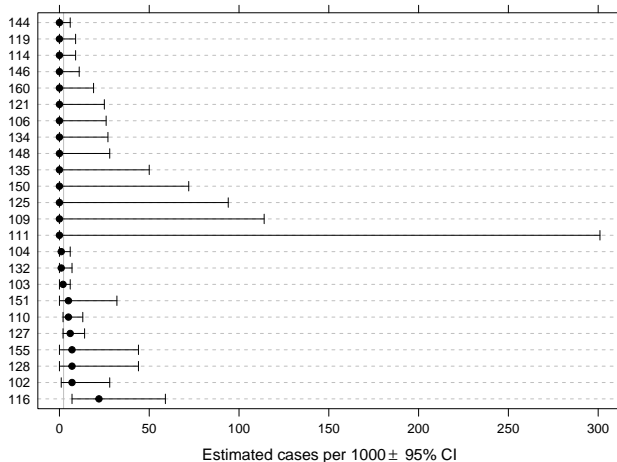
Intubation

General Metrics

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Populations

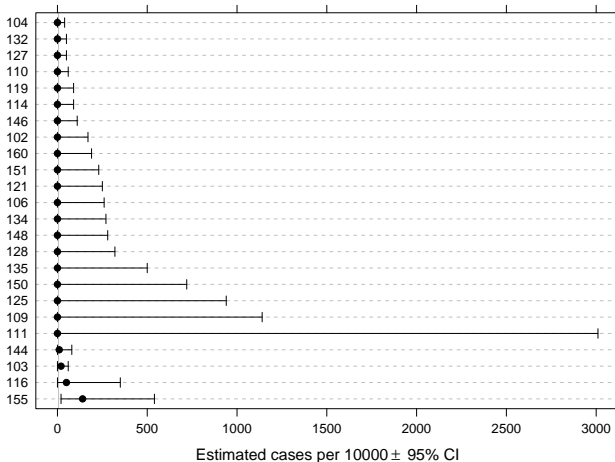
Rare Events

**Unplanned dislodgements of therapeutic devices  
per 1000 patient transport contacts**  
**Overall: 2.3 per 1000 (22/9569)**



# 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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