

GAMUT Update

GAMUT Database

Monday, July 14, 2014

Participation

GAMUT Overview

GAMUT Update

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Participation

Advanced Airway
Management

Intubation

General Metrics

Focused
Populations

Rare Events

64 Total Programs

- ▶ 25 reporting data
- ▶ 17 reporting all months

3.3794×10^4 Total Patients

- ▶ 3185 Neonatal
- ▶ 8088 Pediatric
- ▶ 2.2514×10^4 Adult

Data as of : Thu Jul 17 19:08:42 2014

Advanced Airway Management

Mechanical Ventilation

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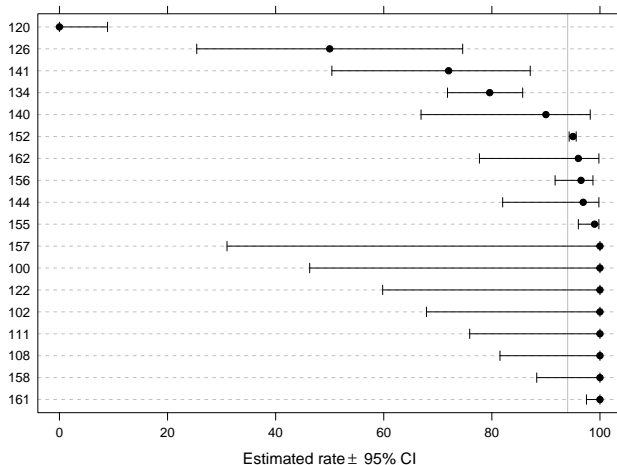
Intubation

General Metrics

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**Percent of patient transport contacts with
an advanced airway supported by a mechanical ventilator**
Overall: 94 % (5398/5741)



Waveform Capnography

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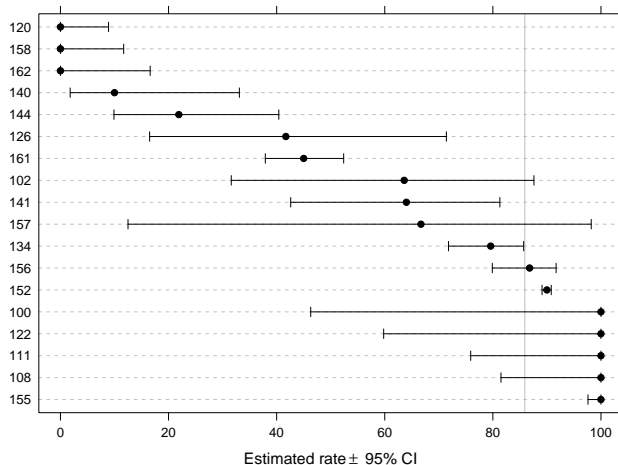
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**Percent of patient transport contacts with advanced airways
in whom continuous waveform capnography was used.**

Overall: 85.9 % (4932/5741)



Confirmed tracheal tube placement

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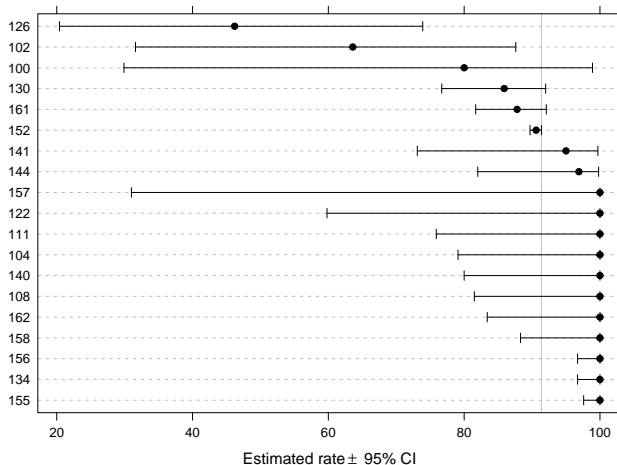
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Rare Events

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

Overall: 91.4 % (5169/5657)



Intubation

Neonatal - First Attempt Success

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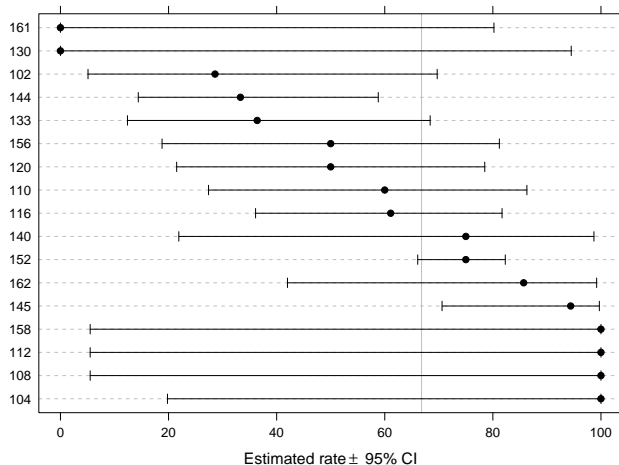
Intubation

General Metrics

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**Neonatal – Percent of patient transport contacts successfully intubated
on the 1st attempt by the transport team**
Overall: 66.8 % (157/235)



Neonatal - DASH-1A

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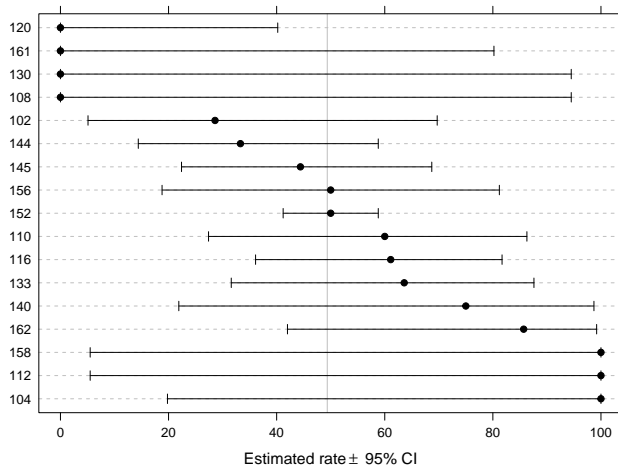
General Metrics

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Rare Events

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

Overall: 49.4 % (116/235)



Pediatric - First Attempt Success

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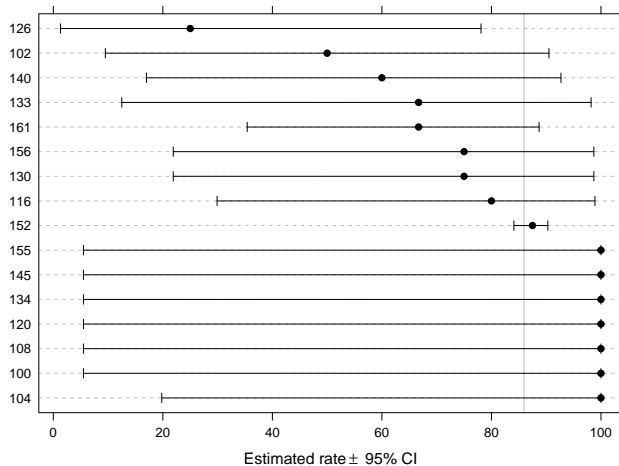
Intubation

General Metrics

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Rare Events

**Pediatric – Percent of patient transport contacts successfully intubated
on the 1st attempt by the transport team**
Overall: 86 % (453/527)



Pediatric - DASH-1A

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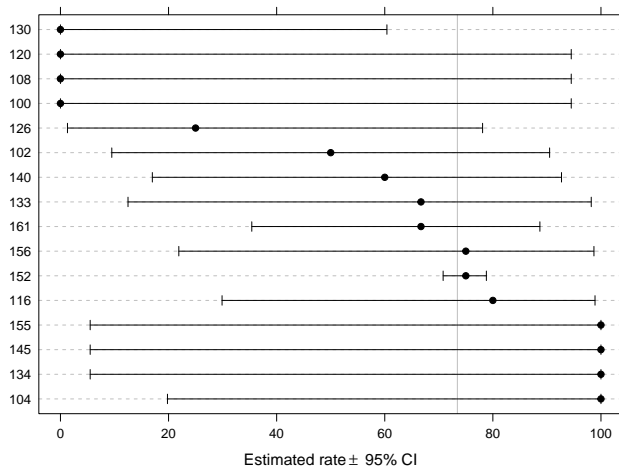
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Rare Events

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

Overall: 73.4 % (387/527)



Adult - First Attempt Success

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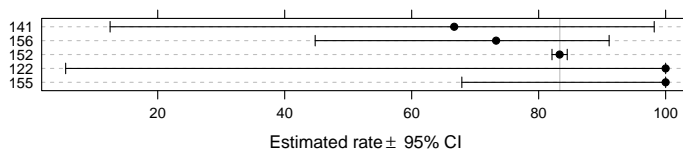
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Rare Events

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

Overall: 83.3 % (3025/3630)



Adult DASH-1A

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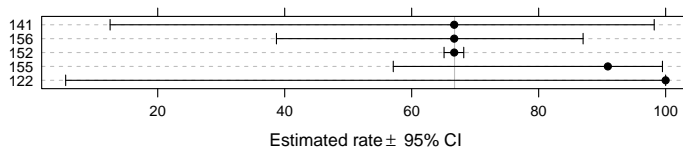
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Rare Events

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

Overall: 66.7 % (2423/3630)



RSI protocol compliance

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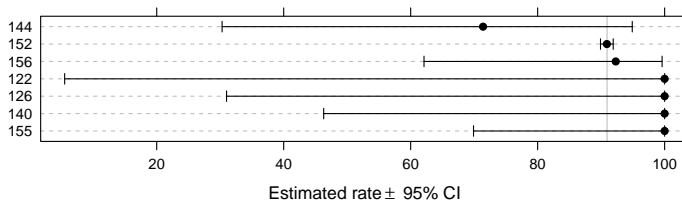
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Rare Events

**Percent of patient transport contacts undergoing RSI
where all indicated elements of the program's RSI protocol were completed.**
Overall: 90.9 % (3038/3341)



General Metrics

Reliable pain assessments

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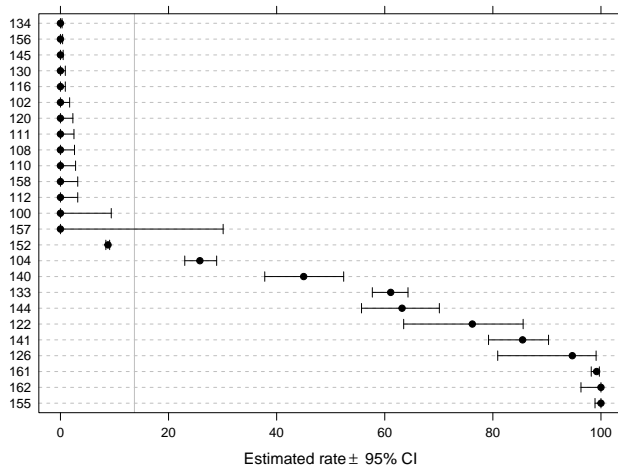
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Rare Events

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

Overall: 13.7 % (4625/33794)



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
100	0	0
102	0	0
104	0	0
108	0	0
110	0	0
111	0	0
112	0	0

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Incidence of hypoxia during transport

group	num	den
116	0	0
120	0	0
122	1	63
126	4	0
130	0	0
133	0	0
134	2	0

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Incidence of hypoxia during transport

group	num	den
140	0	0
141	9	168
144	8	180
145	0	0
152	0	0
155	2	0

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HEMS Over-triage

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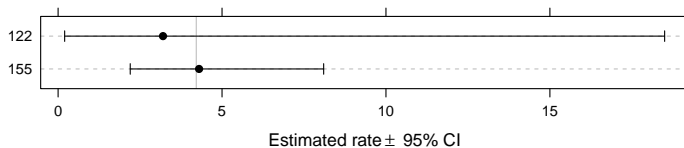
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Rare Events

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



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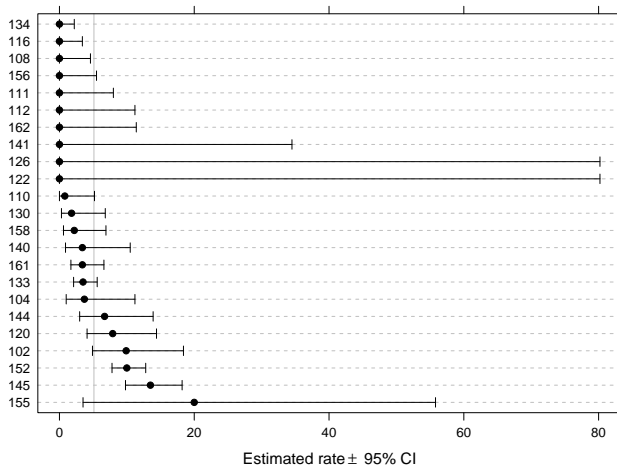
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Populations

Rare Events

Focused Populations

Neonatal Hypothermia on Arrival

Percent of neonates found
hypothermic upon admission
Overall: 5.1 % (163/3185)



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STEMI Bedside

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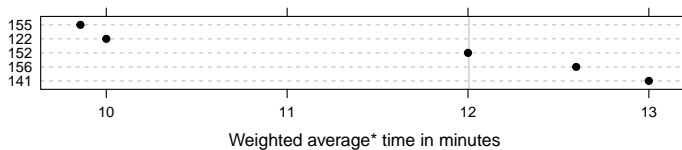
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Rare Events

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



STEMI Scene

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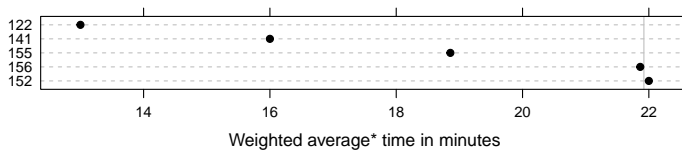
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Rare Events

**Average scene time for
STEMI activation patients
Overall: 22 min.**



ECG interpretation for STEMI patients

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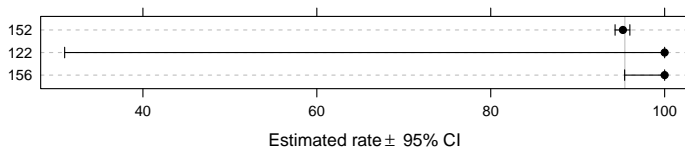
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Rare Events

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

Overall: 95.4 % (2503/2623)



Blood glucose check for altered mental status

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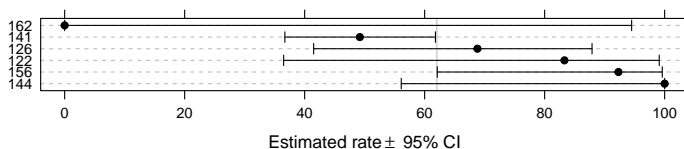
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Rare Events

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

Overall: 62 % (67/108)



Management of hypertension in hemorrhagic stroke

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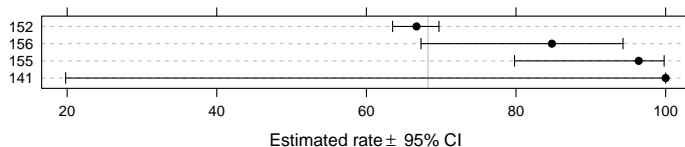
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Rare Events

**Percent of transport patient contacts with
hemorrhagic stroke and appropriate blood pressure management**
Overall: 68.2 % (657/963)



Appropriate management of hemorrhagic shock

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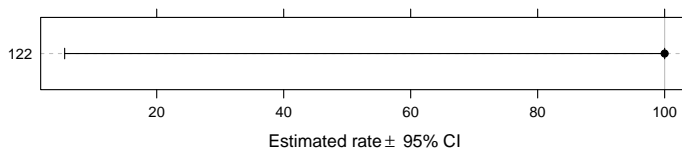
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**Percent of patient transport contacts with
hemorrhagic shock appropriately managed**
Overall: 100 % (1/1)



Appropriate management of blood pressure for aortic emergencies

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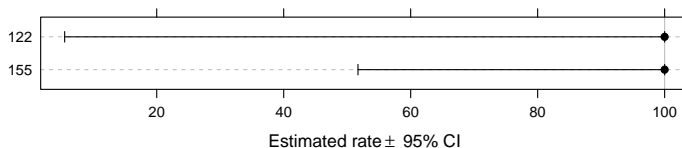
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Percent of patient transport contacts with known or suspected aortic dissection receiving indicated blood pressure and heart rate therapies:
Overall: 100 % (7/7)



Rare Events

Medical equipment failure

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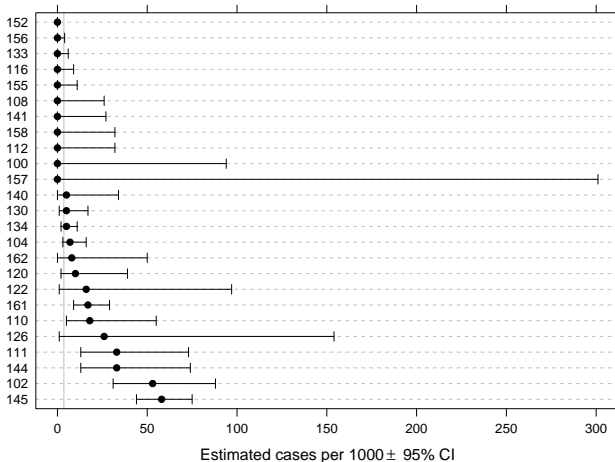
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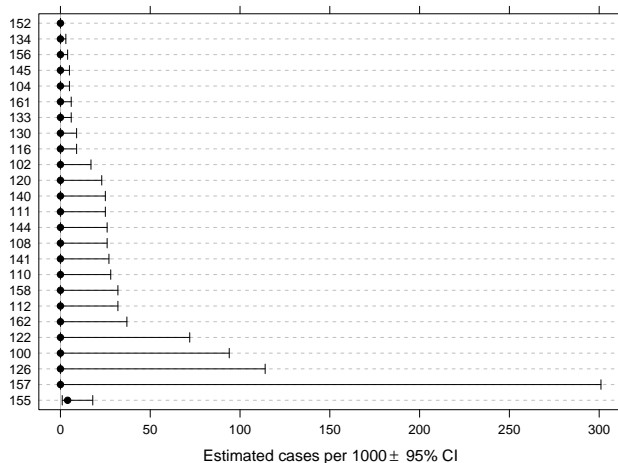
Rare Events

**Medical equipment failures
per 1000 patient transport contacts.
Overall: 3.6 per 1000 (121/33794)**



Adverse drug event during transport

**Adverse drug events
per 1000 patient transport contacts**
Overall: 0.1 per 1000 (2/33794)



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Patient near-miss events

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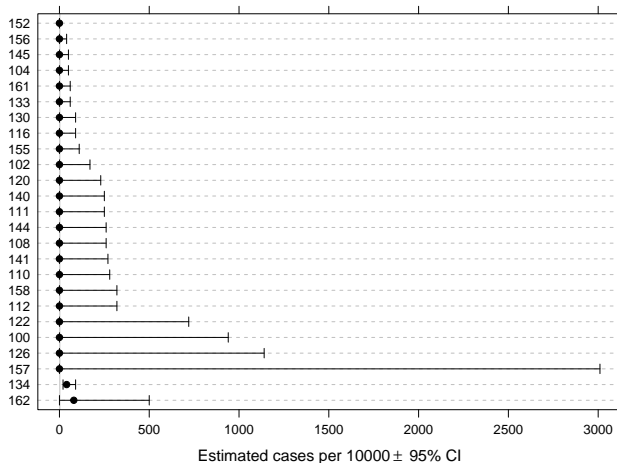
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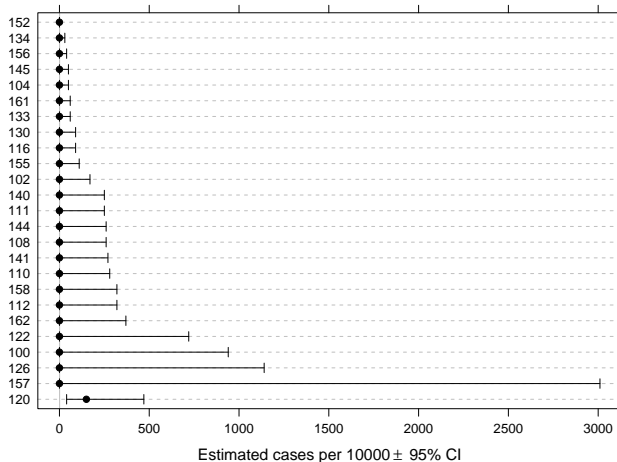
Rare Events

**(Rolling 12 month) transport-related patient mishap rate
per 10,000 patient transport contacts**
Overall: 2.1 per 10000 (7/33794)



Rate of Serious Reportable Event

(Rolling 12 month) SRE rate
per 10,000 patient transport contacts
Overall: 0.9 per 10000 (3/33794)



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Rare Events

Unplanned device dislodgements

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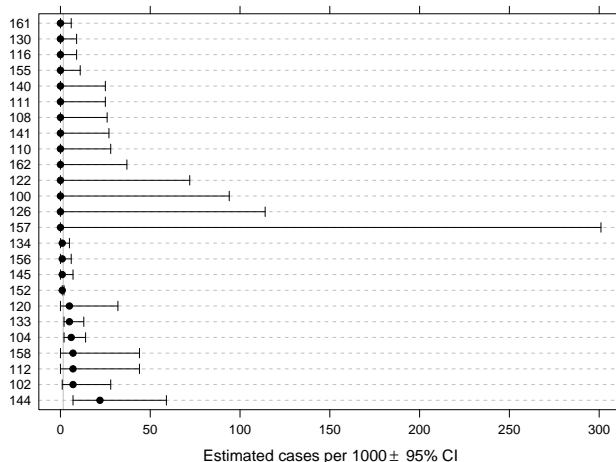
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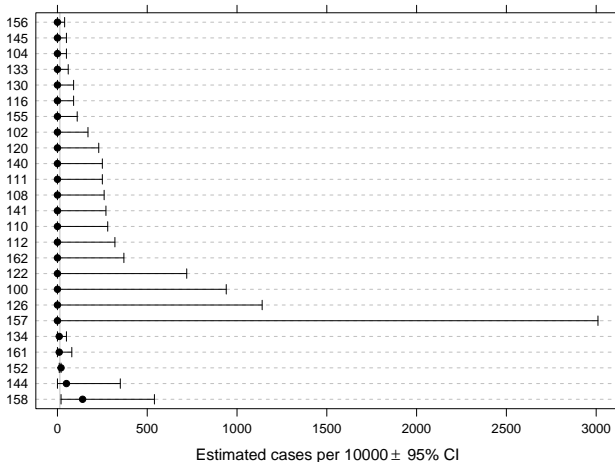
Rare Events

**Unplanned dislodgements of therapeutic devices
per 1000 patient transport contacts**
Overall: 1.5 per 1000 (52/33794)



Medication errors on transport

**(Rolling 12 month) medication error rate
per 10,000 patient transport contacts.
Overall: 13.6 per 10000 (46/33794)**



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