# **GAMUT** Update

**GAMUT** Database

Sunday, Sept 7, 2014

#### **GAMUT** Update

GAMUT Database

Particip

Advanced Airway Management

intubation

General Metrics

Focused Populations



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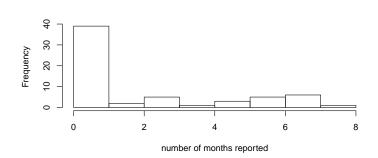
Rare Events

# **Participation**

## **GAMUT** Overview

## 62 total programs enrolled

- 26 reporting data
- 36 not reporting data
- ▶ 7 reporting all of 2014 YTD



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## **Patients**

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### 14297 Total Patients

- ▶ 3738 Neonatal
- ▶ 8143 Pediatric
- ▶ 2409 Adult

Data as of : Sun Sep 07 17:05:22 2014

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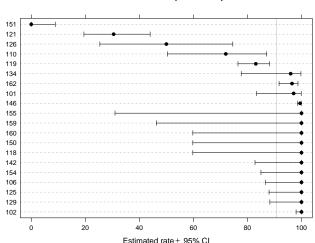
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# Advanced Airway Management

## Mechanical Ventilation

# Percent of patient transport contacts with an advanced airway supported by a mechanical ventilator Overall: 90.9 % (1420/1563)



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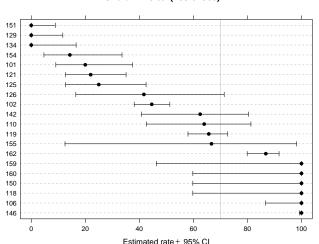
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# Waveform Capnography

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

Overall: 70 % (1094/1563)



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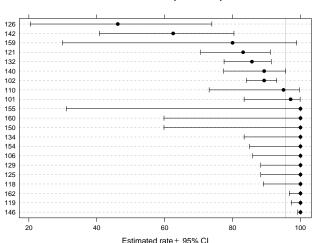
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## Confirmed tracheal tube placement

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

Overall: 95.7 % (1607/1680)



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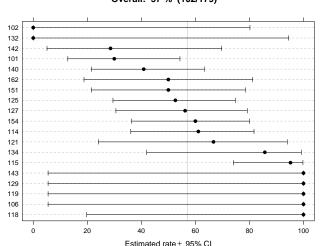
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## Intubation

## Neonatal - First Attempt Success

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

Overall: 57 % (102/179)



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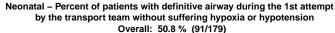
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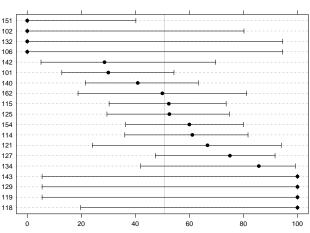
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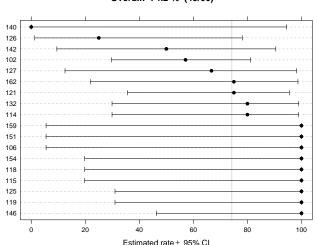


Estimated rate + 95% CI

## Pediatric - First Attempt Success

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

Overall: 74.2 % (49/66)



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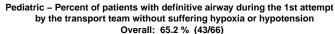
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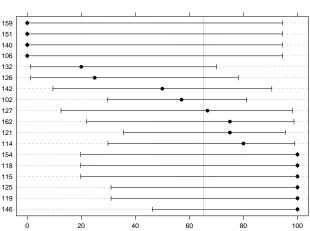
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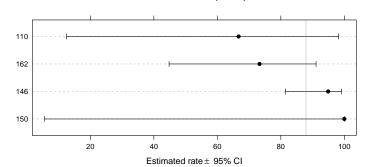


Estimated rate + 95% CI

## Adult - First Attempt Success

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

Overall: 87.9 % (51/58)



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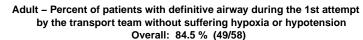
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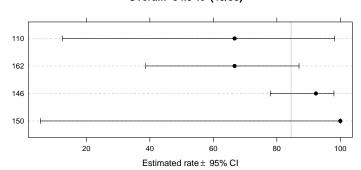
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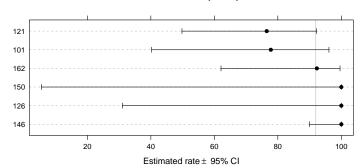
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## RSI protocol compliance

# Percent of patient transport contacts undergoing RSI where all indicated elements of the program's RSI protocol were completed. Overall: 92 % (80/87)



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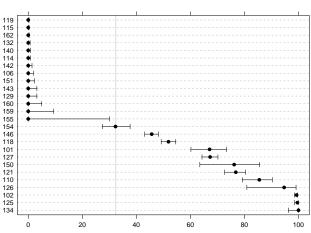
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## **General Metrics**

## Reliable pain assessments

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

Overall: 32.4 % (4635/14297)



Estimated rate + 95% CI

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### 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
101	11	205
102	2	894
106	0	0
110	9	168
114	0	0
115	0	0
118	0	0

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# Incidence of hypoxia during transport

group	num	den
119	2	0
121	0	0
125	0	0
126	4	0
127	0	0
129	0	0
132	0	0

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# Incidence of hypoxia during transport

group	num	den
134	0	127
140	0	0
142	0	0
143	0	0
146	3	4
150	1	63

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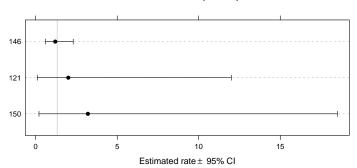
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# HEMS Over-triage

### Percent of the HEMS patient transport contacts discharged without hospital admission Overall: 1.3 % (12/912)



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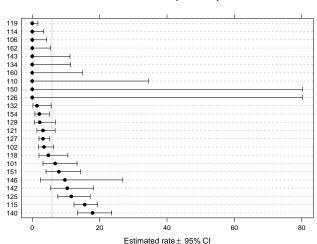
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# Neonatal Hypothermia on Arrival

Percent of neonates found hypothermic upon admission Overall: 5.9 % (219/3738)



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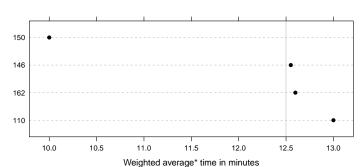
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## STEMI Bedside

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



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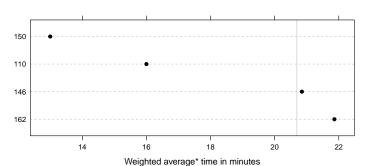
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## STEMI Scene

### Average scene time for STEMI activation patients Overall: 21 min.



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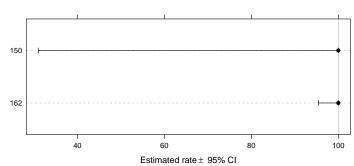
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## ECG interpretation for STEMI patients

# Percent of transport patient contacts with accurately interpreted 12-lead ECG evaluations Overall: 100 % (103/103)



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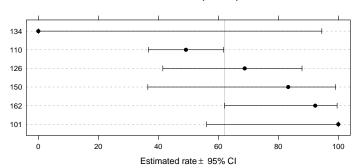
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## Blood glucose check for altered mental status

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

Overall: 62 % (67/108)



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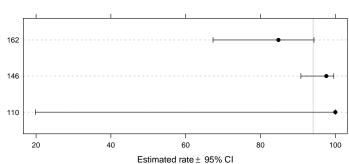
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# Management of hypertension in hemorrhagic stroke

### Percent of transport patient contacts with hemorrhagic stroke and appropriate blood pressure management Overall: 94.1 % (111/118)



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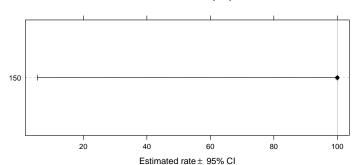
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## Appropriate management of hemorrhagic shock

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



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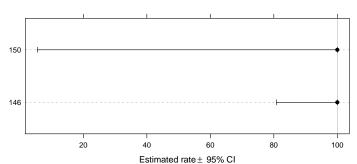
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# Appropriate management of blood pressure for aortic emergencies

Percent of patient transport contacts with known or suspected aortic dissection receiving indicated blood pressure and heart rate therapie

Overall: 100 % (22/22)



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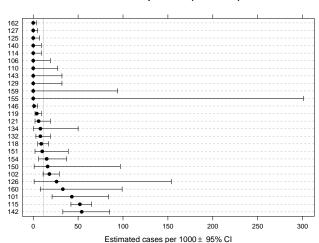
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## Medical equipment failure

Medical equipment failures per 1000 patient transport contacts. Overall: 11.6 per 1000 (166/14297)



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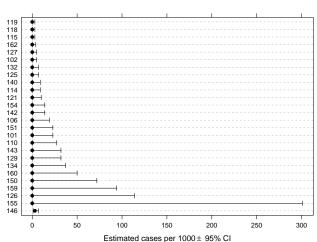
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## Adverse drug event during transport

#### Adverse drug events per 1000 patient transport contacts Overall: 0.3 per 1000 (4/14297)



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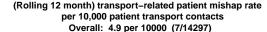
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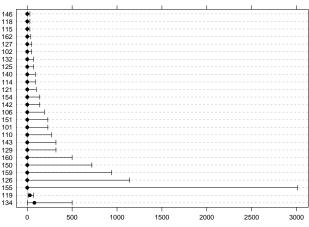
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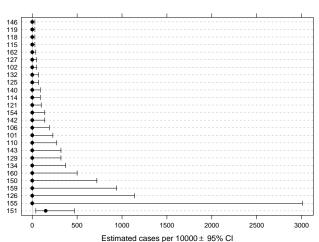
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## Rate of Serious Reportable Event

(Rolling 12 month) SRE rate per 10,000 patient transport contacts Overall: 2.1 per 10000 (3/14297)



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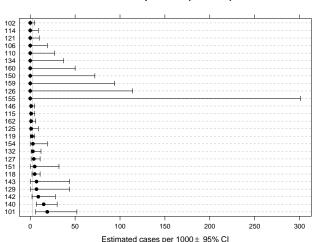
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## Unplanned device dislodgements

# Unplanned dislodgements of therapeutic devices per 1000 patient transport contacts Overall: 2.9 per 1000 (41/14297)



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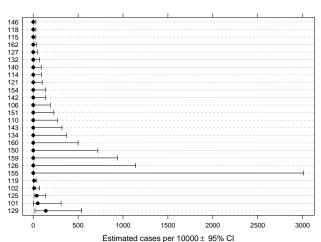
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## Medication errors on transport

(Rolling 12 month) medication error rate per 10,000 patient transport contacts. Overall: 6.3 per 10000 (9/14297)



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