

SUS-06-Peds: Low Fresh Gas Flow, Pediatric Induction

START.

<u>SUS-06-Peds</u>: Percentage of pediatric cases < 18 years old with a mean fresh gas flow (FGF) equal to or less than a weight-based threshold during the induction phase of anesthesia.

Induction period of Anesthesia/Measure time period:
Induction End. If none, then Induction End.

Intubation is determined by the <u>Intubation Time</u> <u>Phenotype</u>

Induction end is determined by the <u>Induction End</u>
<u>Phenotype</u>

START: All patients	
Age > 18 years	Yes Exclude
No	
Valid weight documented	No → Exclude
Yes Fresh gas flow documented	No- Exclude
during induction	
Yes	
Halogenated hydrocarbons or nitrous oxide used during induction	No
Yes	
Mean FGF equal to, or less than weight- based max FGF during induction period of anesthesia?*	Yes-Pass Pass
No 🔻	
Flag	

*Weight-based thresholds	
< 20kg	≤ 3L/min Mean FGF
20-30kg	≤ 4L/min Mean FGF
30-40kg	≤ 5L/min Mean FGF
> 40kg	≤ 6L/min Mean FGF

To Calculate Mean FGF:

- Determine which flow values to include by identifying minutes where FGF and nonartifact inhaled agent or nitrous oxide are documented
- 4. Add all included FGF values and divide by the total number of included minutes