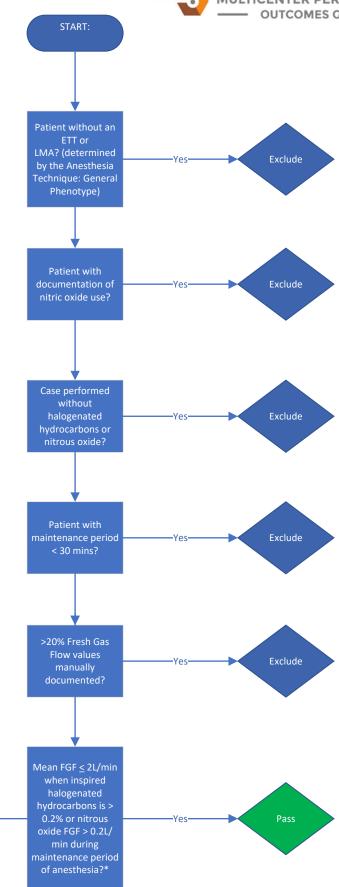


SUS-04: Percentage of patiens with mean gas flow equal to, or lesss than 2L/min, during administration of halogenated hydrocarbons and or nitrous oxide.

* FGF will only be considered for those minutes between intubation and extubation that also have an inhaled agent running. Values within this ranges will be considered artifact and the minute will be included: Nitrous Oxide Flows: <0.2L/min Isoflurane Insp%: <0.3% Sevoflurane Insp%: <0.4% Desflurane Insp%: <1.2% Nitrous Oxide Insp%: <20%

Flag





SUS-04: Fresh Gas Flow, less than or equal to 2L/min

Start:

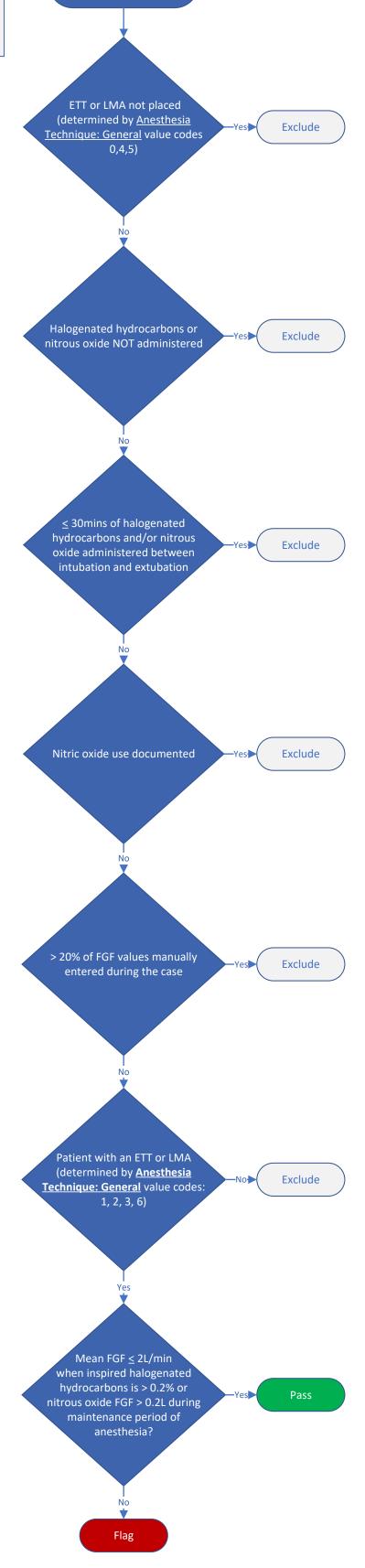
All patients

Measure Summary: Percentage of cases with mean fresh gas flow (FGF) ≤ 2L/min, during administration of halogenated hydrocarbons and/ or nitrous oxide.



*Values for flows and gases will be assessed and			
considered artifact if inside the following ranges			
Nitrous Oxide Flows	< 0.2L/min		
Nitrous Oxide Insp %	< 20%		
Isoflurane Insp %	< 0.3%		
Sevoflurane Insp %	< 0.4%		
Desflurane Insp %	< 1.2%		
To Calculate Mean FGF:			

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



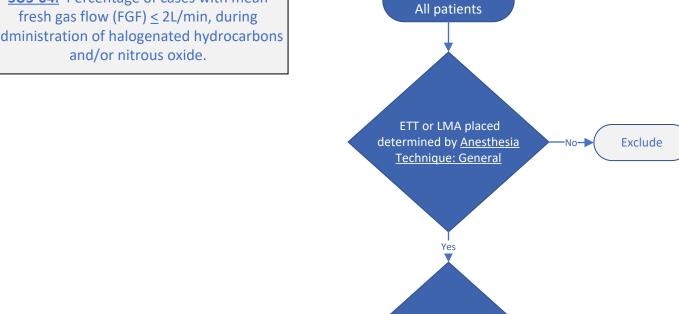
Anesthesia Technique: General Enumerations				
Value	Value Code	Definition		
Invalid Value	-998	The case is missing either Anesthesia Start or Anesthesia End.		
No	0	No general, ETT, or LMA not and no sedative medications or inhaled anesthetics or paralytics associated with the case.		
General – both ETT and LMA	1	There were ETT and LMA notes associated with this case.		
General – ETT	2	There was at least one ETT note, with another general or ETT note associated with this case. There were no LMA notes.		
General – LMA	3	There was at least one LMA note. There were no ETT notes.		
General – Inhaled Anesthetic Only	4	There were inhaled anesthetics associated with this case. There were not ETT or LMA notes.		
General – Neuromuscular Blocker Only	5	There were neuromuscular blockers associated with this case. There were no ETT or LMA notes.		
General – Unknown	6	There were both neuromuscular blockers and inhaled anesthetic associated with this case along with ambiguous general airway notes.		



SUS-04: Fresh Gas Flow, less than or equal to 2L/min

Start:

SUS-04: Percentage of cases with mean fresh gas flow (FGF) ≤ 2L/min, during administration of halogenated hydrocarbons and/or nitrous oxide.



Measure Start:

- <u>Intubation</u>. If not available, then
- **Induction End**.

Measure End:

- Latest **Extubation Time**. If not available, then
- Latest **LMA Removal Time**. If not available, then
- **Surgery End**. If not available
- Patient Out of Room. If not available, then
- Anesthesia End.

ETT on LAAA mloood		
ETT or LMA placed determined by <u>Anesthesia</u>	_No_	Exclude
Technique: General	-No-	Exclude
recinique. General		
Yes		
Halogenated hydrocarbons		
or nitrous oxide	—No→(Exclude)
administered		
Yes		
Tes Y		
≤ 30mins of		
halogenated hydrocarbons		
and/or nitrous oxide	—Yes→	Exclude)
administered between		
intubation and		
extubation		
ľ No		
X		
Nitric oxide use documented	—Yes▶	Exclude
With Coxide use documented	163	Exclude
No		
> 20% of FGF values manually	—Yes▶	Exclude
> 20% of FGF values manually entered during the case	—Yes ▶	Exclude
	—Yes →	Exclude
	Yes▶	Exclude
	—Yes ▶	Exclude
	Yes▶	Exclude
entered during the case	—Yes ▶	Exclude
	Yes▶	Exclude
entered during the case	Yes▶	Exclude
entered during the case	Yes▶	Exclude
entered during the case	Yes▶	Exclude
entered during the case No Mean FGF ≤ 2L/min	Yes▶	Exclude
entered during the case No No Y Mean FGF ≤ 2L/min when inspired halogenated		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or	−Yes −Yes	Exclude
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance period		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance period		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance period		
Mean FGF ≤ 2L/min when inspired halogenated hydrocarbons is > 0.2% or nitrous oxide FGF > 0.2L during maintenance period		

*Values for flows and gases will be assessed and				
considered artifact if inside the following ranges				
Nitrous Oxide Flows	< 0.2L/min			
Nitrous Oxide Insp %	< 20%			
Isoflurane Insp %	< 0.3%			
Sevoflurane Insp %	< 0.4%			
Desflurane Insp %	< 1.2%			

To Calculate Mean FGF:

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