

# ICU – Gastrointestinal Tubes and Enteral Feeds



## This Quick Reference Guide will explain how to:

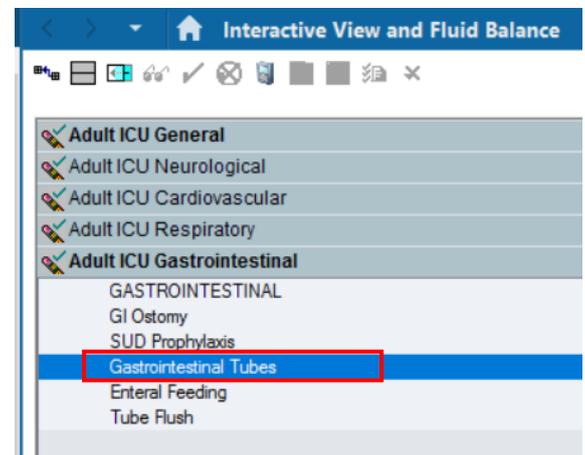
Document Gastrointestinal Tube (GI Tube) aspirates, drainage and enteral feeds to accurately complete fluid balance documentation in Interactive View and Fluid Balance (iView) within the Intensive Care Unit (ICU) in line with guidelines.

**Also, refer to the Policy and Procedures: Adult Nasogastric Tube (NGT) Insertion and Management and Enteral Feeding in Intensive Care Unit (ICU)**

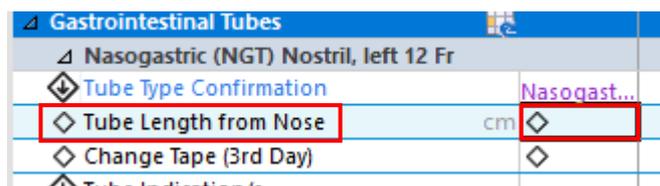
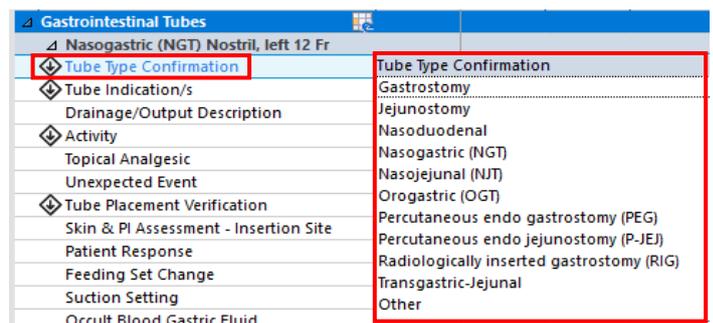
## Gastrointestinal Tubes

1. Navigate to 'Gastrointestinal Tubes' section under the 'Adult ICU Gastrointestinal' tab within iView.

To add a new tube, create a dynamic group within this section or Adult ICU Lines-Devices  
**Refer to QRG: Clinical Care: Lines and Devices**



2. Complete Observations within the GI tube dynamic group. "Tube Type Confirmation" must be selected as additional fields will appear for measurements and management of the particular tube selected.





**Handy Hint – Change Tape (3<sup>rd</sup> Day)**

- Within the Intensive Care Unit, NGT tape changes may be required more frequently
- **NG tape changes should be as per guidelines-** if required more frequently, select yes whenever the change has been undertaken, even if more frequent than the indicated 3<sup>rd</sup> day.

◇ Change Tape (3rd Day)	Change Tape (3rd Day) ✕
◇ Tube Indication/s	Yes
◇ Drainage Method	No

5. Tube Indication/s must also be selected to open additional fields for documentation if applicable

◇ Change Tape (3rd Day)	◇ Tube Indication/s ✕
Drainage/Output Description	<input type="checkbox"/> Decompression
◇ Activity	<input type="checkbox"/> Drainage
Topical Analgesic	<input type="checkbox"/> Enteral feeding
Unexpected Event	<input type="checkbox"/> Medication administration
◇ Tube Placement Verification	
Skin & BI Assessment	
Insertion Site	

6. Document 'Aspirates' if applicable. The Aspirate Total Volume and Aspirate Returned Volume are recorded.

Aspirate Total Volume	mL	460
Aspirate Returned	mL	200
Dressing Type		

7. Complete all other applicable fields and finalise documentation by clicking on the green tick 

**Important – Documentation of Drainage as output**



- Drainage must be selected from within **Tube Indications** as this will display additional drainage fields
- Drainage Discarded in mLs must **not** be used for aspirates discarded
- Drainage discarded in mLs will display on the Fluid Balance Chart once results are saved

◇ Tube Indication/s	Drainage
◇ Drainage Method	Gravity/tree drainage
◇ Drainage Discarded	mL 200
Drainage/Output Description	Bile
◇ Suction Pressure	mmHg ◇

## Enteral Feeds

1. Go to 'Enteral Feeding' under 'Adult ICU Gastrointestinal' in iView

Adult ICU Gastrointestinal	
GASTROINTESTINAL	
GI Ostomy	
SUD Prophylaxis	
✓ Gastrointestinal Tubes	
Enteral Feeding	
Tube Flush	

Enteral Feeding	
Enteral Feed Patient Cohort	Adult
Enteral Feed Formula Adult	Jevity Hi Cal
Additive	
Administration Method	Pump
Feed Rate	mL/hr 20
Adverse Events	
Enteral Tube Intake	mL 20
Trophic Feeds (NOT NBS)	mL
Tube Flush	
Tube Flush Type	Water
Tube Flush Sequence	After medication ad...
Tube Flush Volume	mL 40

2. Complete the relevant fields and finalise by clicking on the green tick



### Important – Feed Rate vs Enteral Tube Intake and the Fluid Balance

- Feed Rate ml/hr observations do **not** pull through to the fluid balance chart. It is indicative of the **rate set** at the feed pump- it does not need to be completed **HOURLY**, only when there is a change in rate set
- Enteral Tube Intake is **the volume in mLs** that pulls through to the Fluid Balance Chart. This must be completed **HOURLY** in ICU



## Reviewing the Fluid Balance Chart

1. Select “**Fluid Balance**” from within **iView** and review the **Enteral Intake** and **Enteral Output** sections for both the enteral feed intake/s, Drainage discarded amount and Aspirates documented.

<ul style="list-style-type: none"> <li>Adult ICU Renal</li> <li><b>Fluid Balance</b></li> <li>Intake                     <ul style="list-style-type: none"> <li>Continuous Infusions</li> <li>Medications</li> <li>Reference Information</li> <li>IV Therapies (Paper/Retrospective)</li> <li>Oral</li> <li>Enteral                             <ul style="list-style-type: none"> <li>Feeding Tube</li> <li>Surgical Drains/Tubes</li> <li>Blood Products</li> <li>Other Intake Sources</li> <li>Other Documentation</li> <li>Blood Product Intake - ANAE</li> </ul> </li> <li>Output                             <ul style="list-style-type: none"> <li>Urine Output</li> <li>Urinary Catheter Output</li> <li>Vomitus</li> </ul> </li> <li>Enteral Output                             <ul style="list-style-type: none"> <li>Feeding Tube Output</li> <li>Stoma</li> <li>Surgical Drains/Tubes</li> <li>Peritoneal Drain/Tube</li> <li>Ascitic Tap</li> <li>Pleural Tap</li> <li>Chest Tubes</li> <li>Dialysis</li> <li>Haemodiafiltration</li> <li>Per Vagina Loss</li> <li>Blood Output</li> <li>Umbilicus Drainage</li> <li>Other Output Sources</li> </ul> </li> </ul> </li> <li>Adult ICU Lines - Devices</li> <li>Adult ICU Risk Assessments</li> <li>Adult Systems Assessment</li> <li>Adult Ventilation</li> </ul>	<table border="1"> <tr> <td>Oral Intake</td> <td>mL</td> <td></td> </tr> <tr> <td>Oral Intake Description</td> <td></td> <td></td> </tr> <tr> <td>  Enteral</td> <td></td> <td>260</td> </tr> <tr> <td>    Enteral Tube Intake</td> <td>mL</td> <td>20</td> </tr> <tr> <td>    Tube Flush Volume</td> <td>mL</td> <td>40</td> </tr> <tr> <td>    Aspirate Returned</td> <td></td> <td></td> </tr> <tr> <td>      Nasogastric (NGT) Nostril, left 12 Fr</td> <td></td> <td></td> </tr> <tr> <td>        Aspirate Returned</td> <td>mL</td> <td>200</td> </tr> <tr> <td>  Other Intake Sources</td> <td></td> <td></td> </tr> <tr> <td>    ICU</td> <td></td> <td></td> </tr> <tr> <td>    Other Intake</td> <td>mL</td> <td></td> </tr> <tr> <td>  Output Total</td> <td></td> <td>660</td> </tr> <tr> <td>    Urine Output</td> <td></td> <td></td> </tr> <tr> <td>      Urine Voided</td> <td>mL</td> <td></td> </tr> <tr> <td>      Incontinent Aids, Weighed</td> <td>mL</td> <td></td> </tr> <tr> <td>      Urine Colour</td> <td></td> <td></td> </tr> <tr> <td>    Urinary Catheter Output</td> <td></td> <td></td> </tr> <tr> <td>    Vomitus</td> <td></td> <td></td> </tr> <tr> <td>      Vomit Volume</td> <td>mL</td> <td></td> </tr> <tr> <td>      Vomit Description</td> <td></td> <td></td> </tr> <tr> <td>      Vomit Count</td> <td></td> <td></td> </tr> <tr> <td>    Enteral Output</td> <td></td> <td>660</td> </tr> <tr> <td>      Nasogastric (NGT) Nostril, left 12 Fr</td> <td></td> <td></td> </tr> <tr> <td>        Drainage Discarded</td> <td>mL</td> <td>200</td> </tr> <tr> <td>        Aspirate Total Volume</td> <td>mL</td> <td>460</td> </tr> <tr> <td>  Other Output Sources</td> <td></td> <td></td> </tr> <tr> <td><b>Balance</b></td> <td></td> <td><b>-400 mL</b></td> </tr> </table>	Oral Intake	mL		Oral Intake Description			Enteral		260	Enteral Tube Intake	mL	20	Tube Flush Volume	mL	40	Aspirate Returned			Nasogastric (NGT) Nostril, left 12 Fr			Aspirate Returned	mL	200	Other Intake Sources			ICU			Other Intake	mL		Output Total		660	Urine Output			Urine Voided	mL		Incontinent Aids, Weighed	mL		Urine Colour			Urinary Catheter Output			Vomitus			Vomit Volume	mL		Vomit Description			Vomit Count			Enteral Output		660	Nasogastric (NGT) Nostril, left 12 Fr			Drainage Discarded	mL	200	Aspirate Total Volume	mL	460	Other Output Sources			<b>Balance</b>		<b>-400 mL</b>
Oral Intake	mL																																																																																	
Oral Intake Description																																																																																		
Enteral		260																																																																																
Enteral Tube Intake	mL	20																																																																																
Tube Flush Volume	mL	40																																																																																
Aspirate Returned																																																																																		
Nasogastric (NGT) Nostril, left 12 Fr																																																																																		
Aspirate Returned	mL	200																																																																																
Other Intake Sources																																																																																		
ICU																																																																																		
Other Intake	mL																																																																																	
Output Total		660																																																																																
Urine Output																																																																																		
Urine Voided	mL																																																																																	
Incontinent Aids, Weighed	mL																																																																																	
Urine Colour																																																																																		
Urinary Catheter Output																																																																																		
Vomitus																																																																																		
Vomit Volume	mL																																																																																	
Vomit Description																																																																																		
Vomit Count																																																																																		
Enteral Output		660																																																																																
Nasogastric (NGT) Nostril, left 12 Fr																																																																																		
Drainage Discarded	mL	200																																																																																
Aspirate Total Volume	mL	460																																																																																
Other Output Sources																																																																																		
<b>Balance</b>		<b>-400 mL</b>																																																																																



### Handy Hint – Aspirates and Fluid balance

The total amounts for Aspirate Total Volume (600mls) and Aspirate returned (400 mls), are displayed in the Total Enteral volumes. The discarded amount of 200mLs from the Aspirate total is not documented face up but is accurately calculated and reflected in the **Balance** section

Enteral		400
Enteral Tube Intake	mL	
Tube Flush Volume	mL	
Aspirate Returned		
Nasogastric (NGT) Nostril, left 12 Fr		
Aspirate Returned	mL	400
Nasogastric (NGT) Nostril, left		
Aspirate Returned	mL	
Other Intake Sources		
ICU		
Other Intake	mL	
Output Total		600
Urine Output		
Urine Voided	mL	
Incontinent Aids, Weighed	mL	
Urine Colour		
Urinary Catheter Output		
Vomitus		
Vomit Volume	mL	
Vomit Description		
Vomit Count		
Enteral Output		600
Nasogastric (NGT) Nostril, left 12 Fr		
Drainage Discarded	mL	
Aspirate Total Volume	mL	600
Other Output Sources		
<b>Balance</b>		<b>-200 mL</b>