



Cambridge Neuroanaesthesia Training

Cambridge University Hospitals NHS Trust

**Addenbrooke's Hospital**

**Epic**

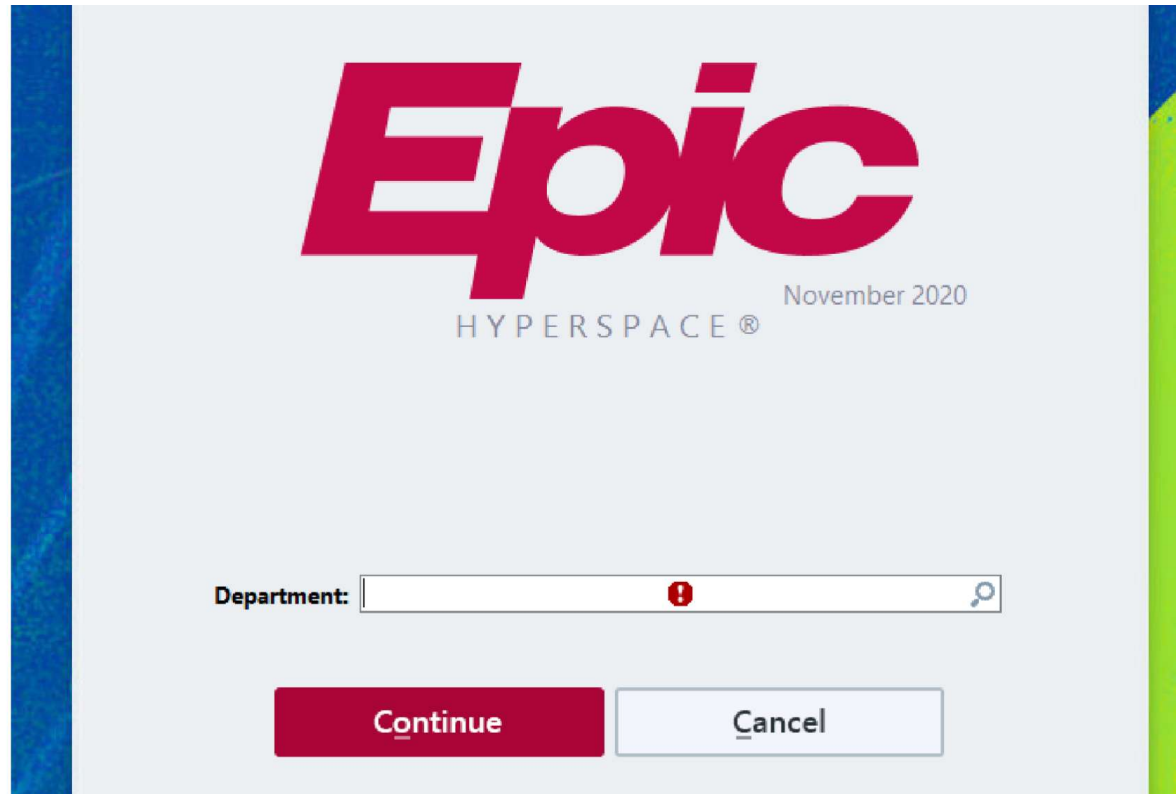
November 2020

HYPERSPACE®

# A GUIDE FOR NEUROANAESTHESIA

# Login

Press “=” to auto-populate this box with your last selected department



# PRE-PROCEDURE EVALUATION

1) Select Pre-procedure evaluation

2) Select create note

The screenshot displays a software interface with a top navigation bar containing icons for MAR, Chart Review, Summary, Results Review, Notes, Pre-procedure, Intraprocedure, Follow-up, Orders, Order Mgmt, and WHO Sign-in. The 'Pre-procedure' tab is selected and circled in red. Below the navigation bar, the 'Pre-procedure Evaluation' section is active, showing a '+ Create Note' button circled in red. A callout box points to this button with the text '2) Select create note'. Another callout box points to the 'Pre-procedure' tab with the text '1) Select Pre-procedure evaluation'. The main content area shows 'Preprocedure Evaluation' and 'No notes of this type filed.'

# ADULT PRE EVALUATION

Select Note Type & Template

Select a note type:  
Anaesthesia Preprocedure Evaluation

Select a NoteWriter template:  
ADULT PRE EVALUATION  
PAEDIATRIC PRE EVAL

Accept Cancel

Select the appropriate "NoteWriter" template

# NOTEWRITER – ROS/MED

The screenshot displays the ROS/MED NoteWriter interface. The main window is titled 'My Note' and 'Anaesthesia Preprocedure Evaluati...'. The interface is divided into several sections:

- Left Panel:** A list of medical conditions under various categories, including Pulmonary, Neuro/Psych, Cardiovascular, GI/Hepatic/Renal, and Endo/Other. Each condition has a '+' sign and a 'neg' checkbox.
- Right Panel:** A text area for entering notes, with a 'Details' link and a 'Date of Service' field.
- Bottom Panel:** A section titled 'Other medical history' with a text input field and a 'Insert SmartText' button.

A red box highlights the 'Other medical history' section, and a red arrow points from this box to a yellow callout box containing the following text:

In 'Other Medical History' generate a SmartText (press '+') and use your own Neuroanaesthesia pre-assessment template. Save your template and access it at other times by typing a full stop before the name you gave it.

# SmartPhrases

- Type . then the 'name' to insert a smartphrase into text
  - eg “.prob” inserts a problem list for the pt
- **Make your own**
  - **Ensure the 'name' is memorable and easily searchable. I start mine with my initials.**

Name	Description	Editors	ID
AIRWAYPLANNING	Airway Planning for Intubated ICU Patients Reason for diffi	FORD, STEPHEN and 1 more	151029
EVD	EVD Sampling Patient requires a CSF sample from their E	LAWRENCE, ALISTAIR	236901
GCEPIINS	Easy insertion	COUCH, GEORGE	300888
GCEPIREV	Review of epidural analgesia	COUCH, GEORGE	300889
GCNIGHT	Night Review G Couch Background Review Plan	COUCH, GEORGE	308085
GCPREASSESS	Preassessment	COUCH, GEORGE	342851
GCREV	ITU Review headings	COUCH, GEORGE	305788
GCREVIEW	Review	COUCH, GEORGE	303363
ICUADMISSION	ICU Admission	ERMANE, LIGA	168604
ICUADMIT	JVF ICU Admission	LEUNG, CHING	296492
ICUD	ICU AM WR Dr @me@@@name@ is @age@ and was admitted @LOS@days ago. Background: I...	ADAMS, THOMAS	290713
ICUDC	John V Farman Intensive Care Unit Discharge Summary Reason for Admission PRESENTING C...	LEUNG, CHING	295401
JFADMIT	Critical Care ICNARC Admission Coding	MARTIN, JONATHAN and 1...	135191
JFDISCHARGE	Critical Care Discharge Planning Note	MARTIN, JONATHAN and 1...	135200
MA	Microarray - ICU Pneumonia Please note: ALL microarray requests MUST be approved by the dut...	MARTIN, JONATHAN and 7...	285679

# EXAMPLE OF A NEUROANAESTHESIA TEMPLATE

Age. Weight (kg). Occupation. Handedness.

For -

Background -

PMH -

PSH -

DHx -

Allergies -

SHx -

GA Hx -

Reflux -

Fasting status – food/fluids/NG or PEG fed?

Functional capacity -

Bloods -

G&S -

ECG -

COVID status -

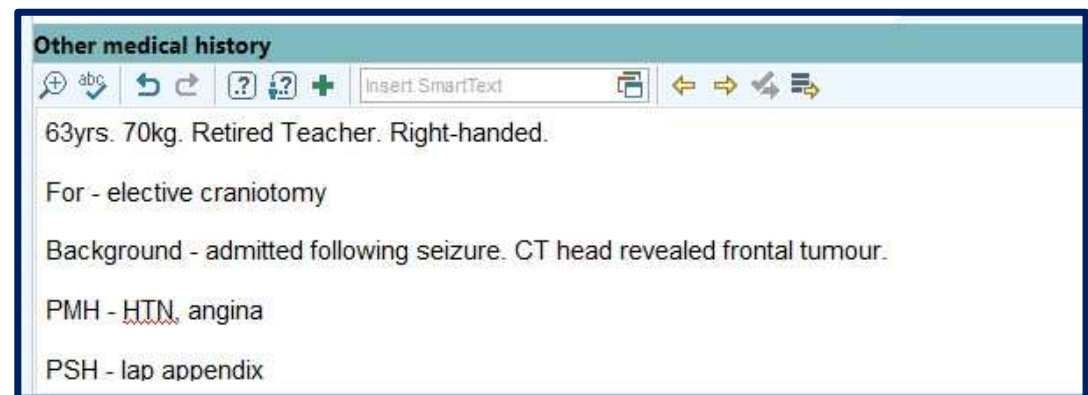
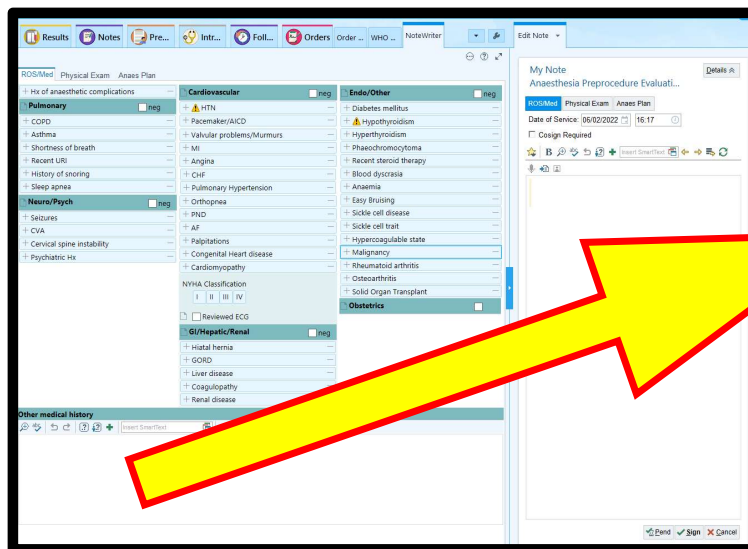
Imaging -

Obs -

Pregnancy status -

# YOUR PRE-ASSESSMENT

## Pathway – Chart Review/ROS/Other medical history



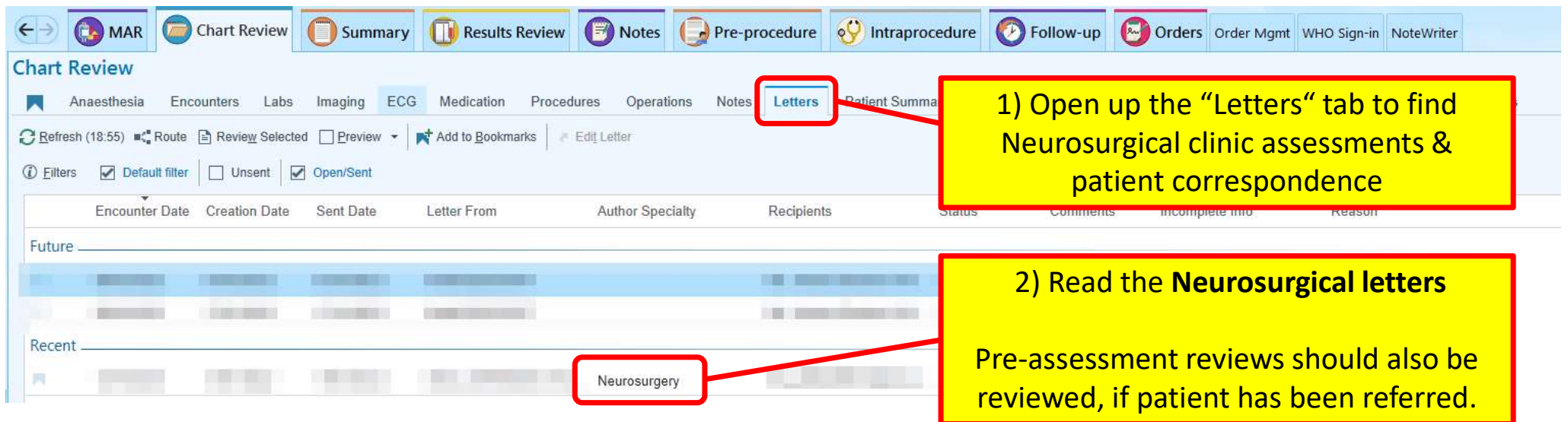
Paste the Neuroanaesthesia Preassessment template in the "Other Medical History" box, and complete the necessary fields



# HOW DO I LEARN ABOUT THE CASE?

Read the Neurosurgical clinic letters:-

- **Pathway – Chart Review/Letters** - look for “Neurosurgery” under Author Specialty tab



1) Open up the “Letters” tab to find Neurosurgical clinic assessments & patient correspondence

2) Read the **Neurosurgical letters**  
Pre-assessment reviews should also be reviewed, if patient has been referred.

Encounter Date	Creation Date	Sent Date	Letter From	Author Specialty	Recipients	Status	Comments	Incomplete Info	Reason
Future									
				Neurosurgery					
Recent									

# WHERE DO I FIND A PATIENT SUMMARY?

## Pathway – Summary/Anaesthesia Record/

**Check under **Summary/Anaesthetic Record** – this useful page summarises PMH, PSH, Substance Hx, NBM status, Preprocedure Vitals & DHx**

**Outpatient medications as of Anaesthesia Start**

Within last 14 days from 06/02/22	
Last Taken	Last Updated
[Redacted]	[Redacted]
[Redacted]	[Redacted]
[Redacted]	[Redacted]
Taking	20/11/14 11:00

**Preprocedure Signoff**  
Not yet signed.

**Intraprocedure Grid/Graph**  
No data available

**Intraprocedure I/O Totals**  
None

**Patient medications – be vigilant for anti-platelet drugs, anti-coagulants, LMWH**

# WHERE DO I FIND THE PATIENT'S NOTE ENTRIES?

## Pathway – Chart Review/Notes

The screenshot shows a medical software interface with a top navigation bar containing tabs for MAR, Chart Review, Summary, Results Review, Notes, and Order Mgmt. The 'Notes' tab is highlighted with a red box. Below the navigation bar, there is a sub-menu for 'Chart Review' with various categories like Anaesthesia, Encounters, Labs, Imaging, ECG, Medication, Procedures, Operations, and Notes. The 'Notes' category is also highlighted with a red box. A yellow callout box points to the 'Notes' category with the text: "Open up the 'Notes' tab to find daily reviews, outpatient clinic assessments, ward entries & patient correspondence".

Note Date/Time	Enc Date	Enc Type	Category	Status	Author	Specialty
			POA Summary	Signed		Neurosurgery
			Patient Instructions	Signed		
			ED Notes	Signed		
			Discharge Summary	Signed		Neurosurgery
			ED Notes	Addend...		Emergency Medicine

# Notes

**Write hospital notes here**

**Read hospital notes here**

**Surgeon's letters**

**View scanned notes here  
Eg from a different trust**

# HOW TO FIND THE NEUROSURGICAL PRE-OP ASSESSMENT

Pathway – Chart Review/Notes/POA Summary

Nurse-led pre-operative assessment:-

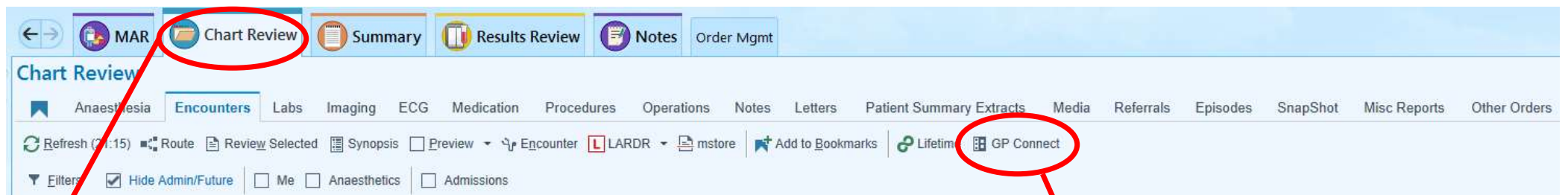
The screenshot shows a medical software interface with a top navigation bar containing icons for MAR, Chart Review, Summary, Results Review, Notes, and Order Mgmt. Below this is a 'Chart Review' section with a sub-menu including Anaesthesia, Encounters, Labs, Imaging, ECG, Medication, Procedures, Operations, Notes, Letters, Patient Summary Extracts, and Media. The 'Notes' tab is circled in red. Below the sub-menu is a toolbar with 'Refresh (19:21)', 'Route', 'Review Selected', 'Preview', 'Tag', and 'Add to Bookmarks'. A 'Filters' section includes 'Default filter', 'Me', 'Anaesthetics', and 'Admin'. A table titled 'Recent Notes' has columns for Note Date/Time, Enc Date, Enc Type, Category, Status, and Author. The 'POA Summary' entry is circled in red, and a yellow box with a red border contains the text 'Open up the "Notes" tab to find the pre-operative assessment (POA) summary' with a red line pointing to the 'Notes' tab.

Note Date/Time	Enc Date	Enc Type	Category	Status	Author
			POA Summary	Signed	Neurosurgery

# GP CONNECT

## Pathway – Chart Review/Encounters

- You can access the “GP Connect Patient Care Record”, for corroborative patient information (medications, drug allergies, pacemaker information, echo reports etc)

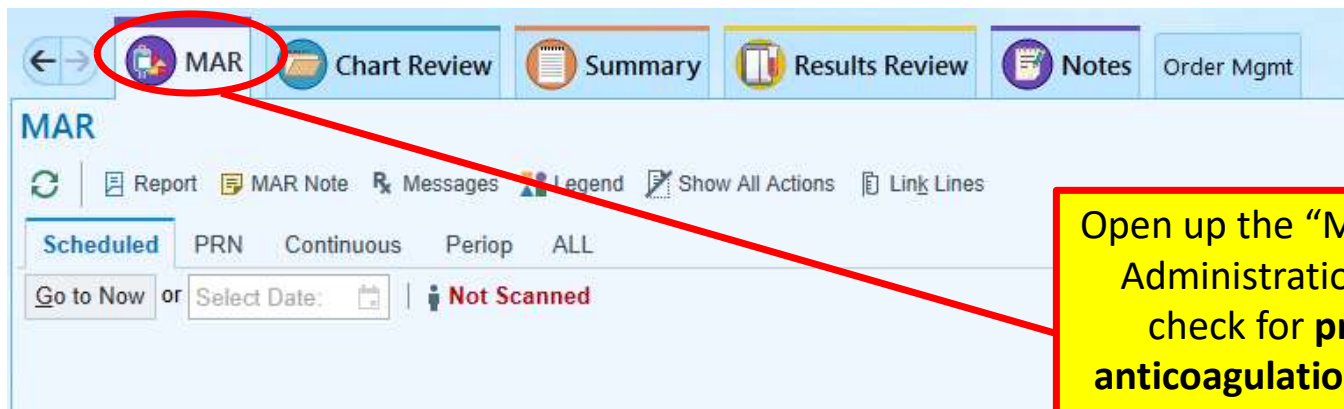


Select **Chart review**, then **“GP Connect”**

**“GP Connect”** offers access to a summarised version of the patient’s GP records

# IN-PATIENT DRUG CHART – “MAR”

## Pathway – MAR/Report



Open up the “MAR” tab to find the in-patient Drug Administration record – please be vigilant and check for **prophylactic LMHW/therapeutic anticoagulation/NOACs/warfarin & anti-platelet administration times**, particularly if transferring cases to theatre out-of-hours

# HOW TO FIND IMAGING RESULTS

## Pathway - Chart Review/**Imaging**

The screenshot displays a medical software interface. At the top, there are navigation tabs: MAR, Chart Review, Summary, Results Review, Notes, and Order Mgmt. Below this is a sub-menu for 'Chart Review' with various categories: Anaesthesia, Encounters, Labs, **Imaging**, ECG, Medication, Procedures, Operations, Notes, Letters, Patient Summary Extracts, **Media**, Referrals, Episodes, SnapShot, Misc Reports, and Other Orders. The 'Imaging' and 'Media' tabs are circled in red. Below the sub-menu is a toolbar with 'Refresh (19:34)', 'Route', 'Review Selected', and 'Preview'. A filter section includes checkboxes for CT, Dexa, Endo, Fluoro, IR, Mammo, MRI, NM/PET, OB Ultrasound, Ultrasound, X-Ray, Litho, Final Result, and Hide Cancelled. A table with columns 'Ordering date', 'Appt Date', 'End Exam', 'Procedure', 'Protocol Status', 'Accession #', 'Authorising Provider', 'Status', and 'Research' is shown. A row is highlighted with 'MRI Lumbar Spine Without Contrast'. A sidebar on the right contains 'Exam Information' (Status: Final [99]), 'PACS Images' (with a link to 'Show images for CT Thorax abdomen pelvis with contrast'), and 'External Results Report' (with a link to 'Open External Results Report'). A red arrow points from the 'Imaging' tab to a yellow box. Another red arrow points from the 'Media' tab to another yellow box. A green arrow points from the 'PACS Images' section to a third yellow box. A red oval with the text 'Scroll down' is positioned over the 'PACS Images' section.

Click on the Imaging tab to access images & radiology reports, if undertaken in Addenbrooke's.

“Foreign films” are images transferred from out-of-area. Scanned copies of out-of-area reports or **MDT reviews** may be available under the “Media” tab.



# ALWAYS REVIEW THE PREVIOUS ANAESTHESIA CHARTS

## Pathway – Chart Review/Anaesthesia

Chart Review

Anaesthesia

Refresh (16:2) Route Review Selected Preview Encounter Add to Bookmarks Lifetime

Filters Me

When	Status	With	Procedure	Associated With

Scroll down

Patient Lines/Drains/Airways Status

Active Lines, Drains, and Airways

Name:	Placement date:	Placem
[REMOVED] ETT (No Subglottic Port) Reinforced		

Length to lips/nosril : 23 cm

ETT Type: Reinforced  
Cuff &route: Cuffed  
Laryngoscopy Grade & Intubation aid: **Grade 2**  
ETT Confirmation & securing: Exp  
CO2;Auscultation;Tape  
Insertion attempts & Trauma: 2;Atraumatic  
Indirect Laryngoscopes: Airtraq  
Difficulty: Easy thick sticky secretions therefore  
chnsgd from mac4 to airtrac  
ETT Size: 8  
Ease of ETT Insertion: Easy  
Bag mask ventilation: Easy


# **PREVIOUS ANAESTHESIA CHARTS**

Information is sub-divided into the following sections:

- **Procedure Summary**
- **Preprocedure Note (i.e. the anaesthesia preassessment)**
- **Intraprocedure Grid/Graph**
- **Intraprocedure I/O Totals**
- **Procedure Notes**
- **Patient Lines/Drains/Airway Status**

# PREVIOUS ANAESTHESIA CHARTS

## Patient Lines/Drains/Airway Status – ETT

Length to lips/nostril : 22 cm  
Placed by : Consultant  
ETT Type: Reinforced  
Cuff & route: Cuffed  
Laryngoscopy Grade & Intubation aids: Grade 2; Bougie; BURP  
ETT Confirmation & securing: Exp CO<sub>2</sub>; Tape  
Insertion attempts & Trauma: 1; Atraumatic  Atraumatic; caps/crowns intact following intubation  
Laryngoscope Blade : McIntosh  
Blade size: 4  
Difficulty: Easy  
ETT Size: 7  
Ease of ETT Insertion: Easy  
Bag mask ventilation: Easy

Please review any previous anaesthetic Addenbrooke's charts for **intubation grade**; this will enable you to plan for a known difficult airway – e.g. anticipate need for fibre-optic/video laryngoscopy or additional assistance – especially out-of-hours

# HOW TO FIND G&S SAMPLES

Pathway – Results Review/select **Blood Typing**:-

The screenshot shows a software interface with a top navigation bar containing tabs: MAR, Chart Review, Summary, Results Review (circled in red), Notes, Pre-procedure, Intraprocedure, and Follow-up. Below the tabs is a search bar and a tree view of laboratory results. The tree view is expanded to show 'BLOOD TYPING' (circled in red), which includes 'BLOOD TYPE/TRANSFUSIONS', 'ABO Group', 'RhD Type', and 'Antibody Screen'. A table displays two results for 'BLOOD TYPE/TRANSFUSIONS' on 04/02/2022.

	2	1
04/02/2022 08:28		04/02/2022 08:50
ABO Group	B	B
RhD Type	Positive *	Positive *
Antibody Screen	Negative *	Negative *

1) Select Results Review tab

2) Open the Blood Typing menu

3) Confirm the number of G&S samples, date & time of collection, and antibody screen

# HOW TO FIND AN ECG

## Pathway - Chart Review/ECG

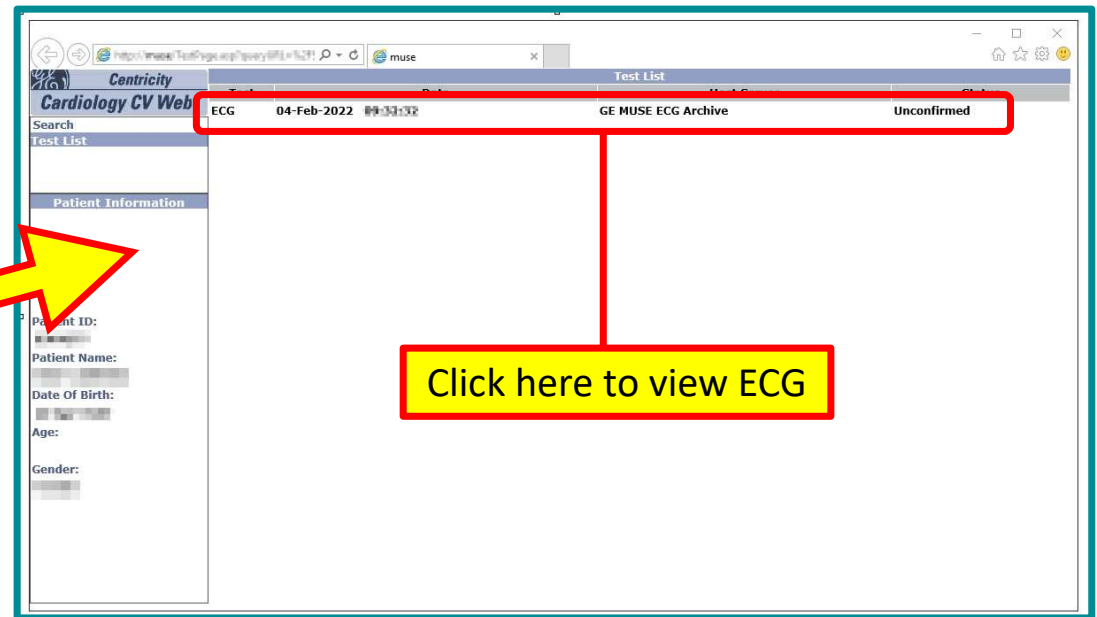
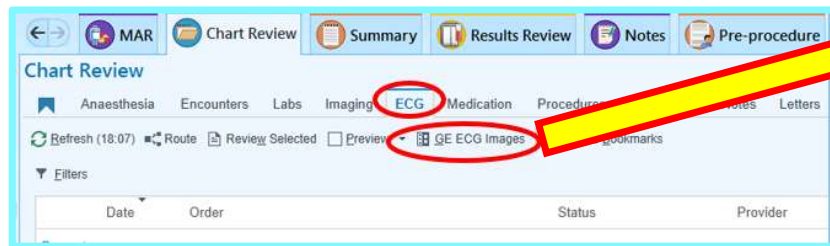
The screenshot shows a medical software interface with a top navigation bar containing tabs for MAR, Chart Review, Summary, Results Review, Notes, Pre-procedure, Intraprocedure, Follow-up, Orders, Order Mgmt, WHO Sign-in, and NoteWriter. Below this is the 'Chart Review' section with a sub-menu including Anaesthesia, Encounters, Labs, Imaging, ECG, Medication, Procedures, Operations, Notes, Letters, Patient Summary Extracts, Media, Referrals, Episodes, SnapShot, Misc Reports, and Other Orders. The 'ECG' tab is circled in red. Below the sub-menu, there are options for Refresh (18:07), Route, Review Selected, Preview, GE ECG Images (circled in red), and Add to Bookmarks. A table below shows a list of ECG records with columns for Date, Order, Status, and Provider. The first record is highlighted in blue and has a red arrow pointing to it from a yellow callout box. The second record is also visible.

1) Click on the ECG tab

2) Click on "GE ECG Images"; this will open separate ECG window

Date	Order	Status	Provider
Recent			
		Active	Nurse C - NEUROSURGERY
5 Years Ago			
		Discontinued	Nurse A - OPHTHALMOLOGY

# CENTRICITY ECG WINDOW



# COVID STATUS

Pathway – Results Review/Virology, Serology & Molecular/Molecular PCR

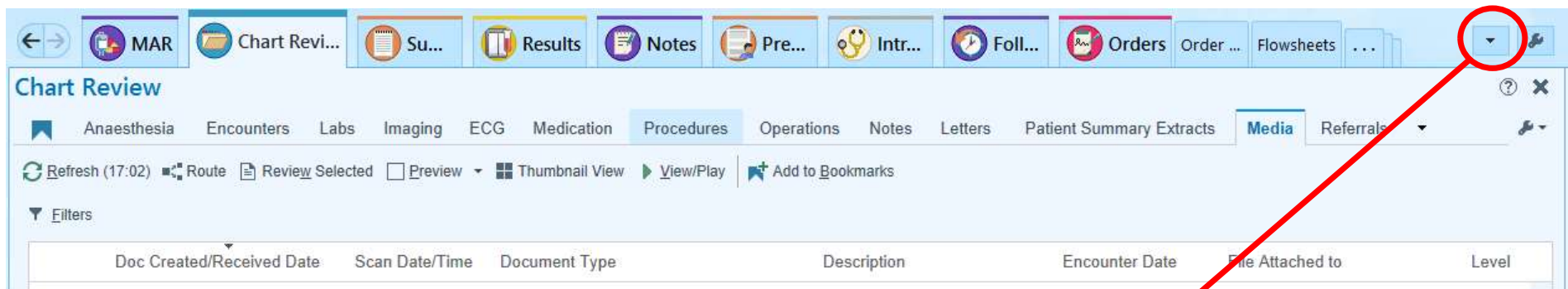
The screenshot shows a clinical information system interface. The top navigation bar includes tabs for MAR, Chart Review, Summary, Results Review (active), Notes, Pre-procedure, Intraprocedure, Follow-up, and Orders. Below the navigation bar, the 'Results Review' window is open, displaying a search bar, a refresh button, and a 'New results (No timemark set)' notification. The left sidebar shows a tree view of 'ALL TOPICS' with 'VIROLOGY, SEROLOGY & MOLECULAR' expanded to show 'MOLECULAR (PCR)'. The main content area shows a table with one result:

1
05/02/2022 12:59
<b>MOLECULAR (PCR)</b>
2019 NCOV (CORONAV...)
2019-nCoV RNA <b>Not detected *</b>

A red box highlights the result table. A yellow callout box contains the text: "COVID status under 'Molecular PCR', however, the result may also be entered manually under Chart Review/Notes, if obtained from another hospital/out of area".

# HOW TO FIND PRE-OPERATIVE OBSERVATIONS

Pathway: Chart Review/**dropdown icon**



Click on drop-down icon  
(opens “additional activity” window,  
containing the “Flowsheets” option)



# HOW TO FIND PRE-OPERATIVE OBSERVATIONS - FLOWSHEETS

Pathway: Chart Review/dropdown icon/Flowsheets

The screenshot shows a medical software interface with a top navigation bar containing icons for 'Modify Workspace', 'MAR', 'Chart Review', 'Summary', 'Results Review', 'Notes', 'Pre-procedure', 'Intraprocedure', 'Follow-up', 'Orders', 'Order Mgmt', and 'WHO Sign-in'. Below this is a 'Chart Review' section with a sub-menu for 'Anaesthesia' and various medical categories like 'Encounters', 'Labs', 'Imaging', etc. A dropdown menu is open on the right side, listing numerous options. The 'Flowsheets' option is highlighted with a red box. A yellow callout box with a red border points to this option, containing the text: 'Click on "Flowsheets" for observations'. The main content area below the navigation bar shows a table with columns 'When', 'Status', 'With', 'Procedure', and 'Associated With', and a section for 'Upcoming Visits'.

# HOW TO FIND PRE-OPERATIVE OBSERVATIONS – VITAL SIGNS

Pathway: Chart Review/dropdown icon/Flowsheets/PACU

The screenshot displays the 'Flowsheets' section of a medical software interface. The 'PACU' tab is selected and circled in red. A red box highlights the 'Vital Signs' table, which contains the following data:

Vital Signs	
Temp	36.1
Temp Source	
Heart Rate	87
Heart Rate Source	
Resp	15
Capillary Refill	
BP	146/81
MAP (Monitor)	
BP Location	
BP Method	
Patient Position	

A yellow callout box with a red border points to the 'PACU' tab and contains the text: 'Vital Signs can be found under the "PACU" tab within Flowsheets'.

# Orders

- Make new prescriptions via order sets or the search box on the right
- Mark blood samples as 'collected' so the lab will process them

Orders

Order Sets

Suggestions

- Adult Blood Component Administration
- Adult Group and Screen and Blood Component Request
- Anaesthesia Blood and Component Request and Administration
- General Adult Anaesthesia Post-op Orders
- General Adult Anaesthesia Pre-op Orders
- General Paediatric Anaesthesia Post-op Orders
- General Paediatric Anaesthesia Pre-Op
- Obstetric Epidural Analgesia and IV Remifentanyl PCA for Labour

Open Order Sets Clear Selection Remove Open

Sample collection

Generic Lab Collection (From admission, onward) Expand | Hide

Start	Ordered
11/02/22 22:00	10/02/22 18:49
11/02/22 22:00	10/02/22 23:31

Point of Care Enter Results & Reprint Labels (From admission, onward) None

ECG Enter Results & Reprint Labels (From admission, onward) None

Anaesthesia Orders

Anaesthesia Order Rec Order Sets

Options

Edit Multiple Phases of Care

Place new anaesthesia... + New Next

No Orders

Remove All Accept

# Order Management

Alter prescriptions

Order Mgmt

Active Orders Signed & Held Orders Home Meds Discharge Orders Cosign Orders

Orders

Select/Release Sign and Held Orders Select Pended Orders

Routing Dx Association New Dx Edit Multiple

Out of hospital prescriptions can be seen here

Anaesthetic prescriptions hide here

Can be activated here  
(can be done by recovery, or sometimes a popup will appear when you prescribe and you can select the 'sign' checkbox)

Order Mgmt

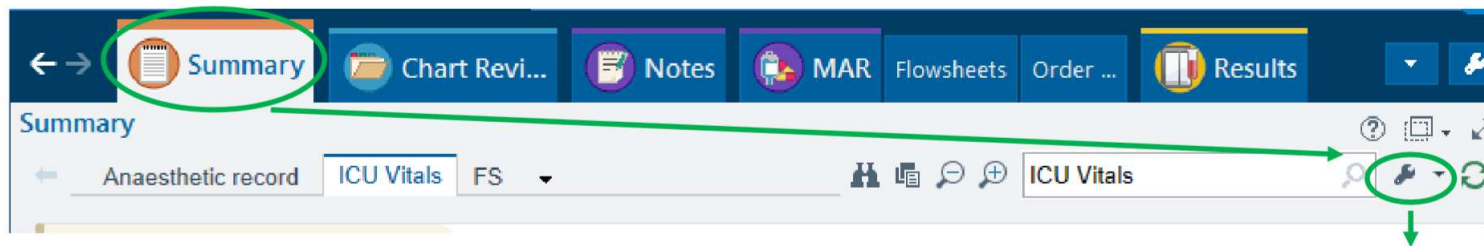
Active Orders Signed & Held Orders Home Meds Discharge Orders Cosign Orders

Signed & Held Orders

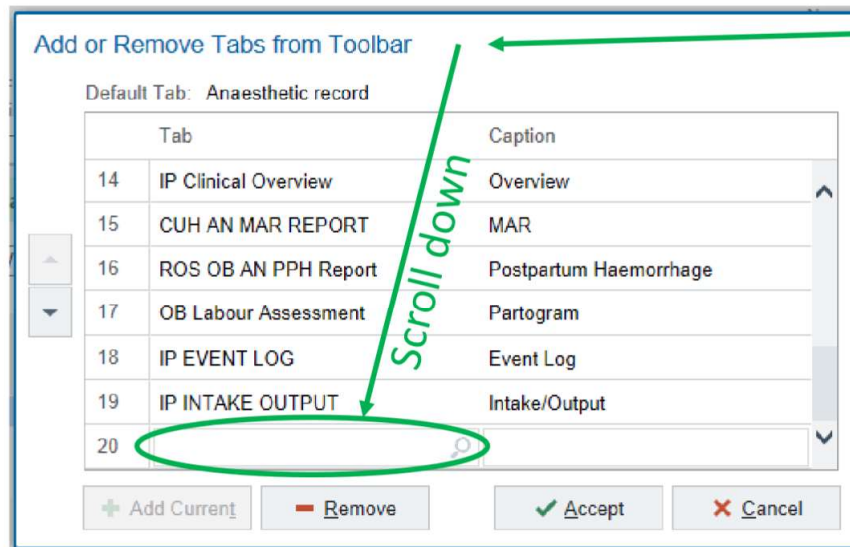
What are signed and held orders?  
Signed and held orders have been signed but are not yet active. When appropriate, a nurse or provider will manually release the orders to

Edit and Release Signed and Held Orders

# Setting up your 'Summary' tab



Add or remove tabs from toolbar



Search for:

- ICU → select 'ICU vitals'
- FS → select 'IP Comprehensive Flowsheet'
- Blood → select 'Anaesthesia Blood'
- Fever → select IP Fever/Antibiotic Dosing
- Labs → select 'IP Labs Since Admission'



# Setting up your 'Summary' tab

Move those five to the top of the list using these arrows

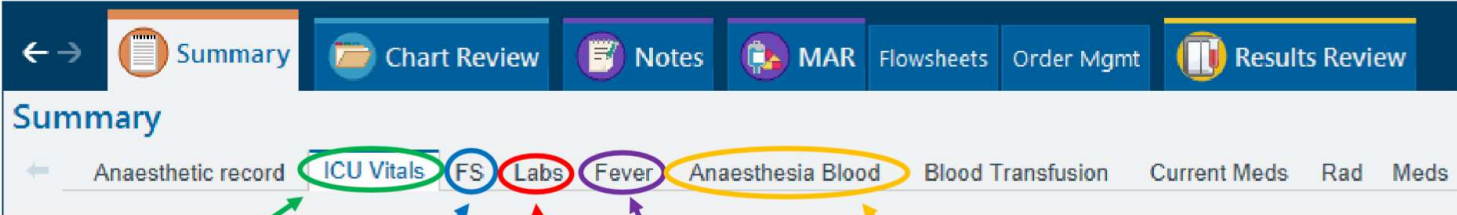
Add or Remove Tabs from Toolbar

Default Tab: Anaesthetic record

	Tab	Caption	
1	CUH IP ICU Vitals	ICU Vitals	▲
2	IP Comprehensive Flowsheet	FS	
3	IP Labs Since Admission	Labs	
4	IP Fever/Antibiotic Dosing	Fever	
5	Anaesthesia Blood Report	Anaesthesia Blood	
6	IP Blood Administration Procedure	Blood Transfusion	
7	IP MAR Active	Current Meds	▼

+ Add Current   - Remove   ✓ Accept   ✗ Cancel

# Summary tab



The screenshot shows a medical summary interface with a top navigation bar containing icons for Summary, Chart Review, Notes, MAR, Flowsheets, Order Mgmt, and Results Review. Below this is a sub-navigation bar with tabs for Anaesthetic record, ICU Vitals, FS, Labs, Fever, Anaesthesia Blood, Blood Transfusion, Current Meds, Rad, and Meds. Colored circles highlight these tabs: green for ICU Vitals, blue for FS, red for Labs, purple for Fever, and yellow for Anaesthesia Blood. Arrows point from descriptive text blocks to these highlighted tabs.

**Ward obs** → ICU Vitals

**Infusions (with rate) the pt is on in ITU (norad, propofol etc). You may need to scroll down.** → FS

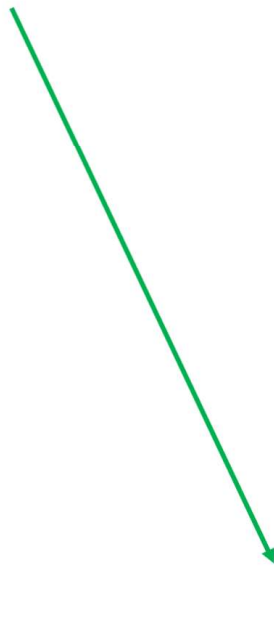
**Tabular display of all lab results** → Labs

**Scroll down for lines (with age of line) eg 'art line rt radial day 15'** → Fever

**What products have been requested & whether they're ready for collection** → Anaesthesia Blood

# Devices

Forgot to press  
'start data  
collection'?



The screenshot displays a medical monitoring software interface. On the left is a sidebar with icons for TCI, Output, Check, Position, Px Note, Orders, Q Note, Blood, Emerg..., Agents, Assess, Summary, Monitor, Incidents, and Device. The 'Device' button is circled in green. The main area shows a timeline from 07:45 to 10:15. A table lists various parameters and their values over time. Below the table is an 'Events' section with a list of monitored variables and their corresponding waveforms. At the bottom is a 'Vitals Card' section with a table of vital signs.

Parameter	07:45	08:00	08:15	08:30	08:45	09:00	09:15	09:30	09:45	10:00	10:15	10:30
MAC						0	0	0	0	0	0	0
Fentanyl mg						200						
Rocuronium mg						100						
Ondansetron mg												
Paracetamol g												
Gentamicin mg								320				
metaraminol 0.5... mL/hr					5				7			
Co-amoxiclav g								1.2				
remifentanyl ... mg/kg...					0.2	0.1			0.2	0.1		
Lidocaine 1 % mL					4							
magnesium sulfate ... g										5		
Hydrocortisone 10... mg						50						
Hartmann's mL												
Cp Marsh 2% mcg/ml						2.4						
Vt (measured, mL) mL						728	589	593	599	601	609	59
PIP (measure... cm H2O						32	22	22	22	22	22	23
RR Total						29	17	17	17	17	17	17
I:E Ratio						1:2	1:2	1:2	1:2	1:2	1:2	1:2
PEEP/CPAP (... cm H2O						5	8	8	8	8	8	8
Fresh Gas Flow... L/min						15	6	6	6	6	6	6
Expired O2 %						93	68	71	52	51	51	71
Urine Volume mL												

**Events**

- NIBP mmHg
- Pulse
- Mean NIBP
- IBP mmHg
- Mean IBP
- Art line HR bpm
- CVP mmHg
- CVP (Mean) mmHg

**Vitals Card**

Parameter	09:00	09:15	09:30	09:45	10:00	10:15	10:30
SpO2 %	96	94	93	92	90	92	91
FiO2 %	97	74	76	57	56	58	76
ETCO2 KPa	3.1	4.7	4.3	4.2	4.5	4.3	4.2
Temp 1 °C						36.1	36



# Devices

Add/Modify a Device | Validate Data

Enter a device  + Add  Show all departments?

Name	Type
Current Associations	
<input checked="" type="checkbox"/> CART 106017 GE-CARESCAPE B650/B850	GE-CARESCAPE B650/B850
<input checked="" type="checkbox"/> CART 106017 PERSEUS A500	

Carescape = monitor  
Perseus = anaesthetic machine

Sometimes the anaesthetic room devices won't show up:

- Add MAIN-THP-[your theatre number]
  - Carescape = monitor
  - Atlan = anaesthetic machine

Add/Modify a Device | Validate Data

Enter a device  + Add  Show all departments?

Name	ID
CART 336648 DATEX AESTIVA 7900	30430007
CART 336648 GE - CARESCAPE B650/B850	30402177
CART 338013 DATEX AESTIVA 7900	30430040
CART 338013 GE - CARESCAPE B650/B850	30402210
MAIN-THP-01 ADVANTECH LIDCO	30404139
MAIN-THP-01 DRAEGER - ATLAN	11230514
MAIN-THP-01 DRAEGER BABYLOG 8000	30421139
MAIN-THP-01 DRAEGER BABYLOG VN500	30422139
MAIN-THP-01 EDWARD LIFE SCIENCES EV1000	30406139
MAIN-THP-01 Gambro PrismaFlex/PrisMax	30440140
MAIN-THP-01 GE - CARESCAPE B650/B850	30402139
MAIN-THP-01 GE DASH 3000/4000/5000	30403139
MAIN-THP-01 GE Solar 8000i	30401139
MAIN-THP-01 MAQUET SERVO-I	30420139
MAIN-THP-01 PULSION MEDICAL PICCO2	30405139
MAIN-THP-01 RADIOMETER TCM4/5	30407139
MAIN-THP-02 ADVANTECH LIDCO	30404140
MAIN-THP-02 DRAEGER - ATLAN	11230515
MAIN-THP-02 DRAEGER BABYLOG 8000	30421140
MAIN-THP-02 DRAEGER BABYLOG VN500	30422140
MAIN-THP-02 EDWARD LIFE SCIENCES EV1000	30406140
MAIN-THP-02 Gambro PrismaFlex/PrisMax	30440141
MAIN-THP-02 GE - CARESCAPE B650/B850	30402140

Search Recent

Change the time to the beginning of the case

Add/Modify a Device | Validate Data

Enter a device  + Add  Show all departments?

Name	Type	Associated At	Association Ended At
Current Associations			
<input checked="" type="checkbox"/> CART 106017 GE-CARESCAPE B650/B850	Monitor	<input checked="" type="checkbox"/> Direct Capture is on.	
Associated at:	08:55		
Device type:	GE-CARESCAPE B650/B850		
<input type="button" value="Remove Device"/>	<input type="button" value="Delete Association and Data"/>		
<input checked="" type="checkbox"/> CART 106017 PERSEUS A500			

Enter Time

08:55

Hour	Minute	
6	00	05
7	10	16
8	20	27
9	30	38
10	40	49
11	50	

# Making a Macro

The screenshot shows the Intraoperative software interface. At the top, the 'Intraoperative' tab is selected and circled in green. Below the header, the responsible anaesthetist is identified as George COUCH, Clinical Fellow. A sidebar on the left contains various icons, with the 'Macro' icon circled in green. The main area displays a medication chart with a 5-minute column interval. The chart includes rows for MAC, Fentanyl mg, remifentanyl mg, Ketamine 0.1 mg/L, Rocuronium mg, Dexamethasone mg, Ondansetron mg, Paracetamol g, Gentamicin mg, vancomycin 1,000 mg, Lidocaine 1% mL, magnesium sulfate mg, Midazolam mg, Parecoxib mg, Hartmann's mL, Mannitol 10% mL, Cp Marsh 2% mcg/ml, and VT (measured, mL) mL. The chart shows various dosages and durations for these medications.

The screenshot shows the 'Applied' tab in the software interface. The 'Applied' tab is selected, and the list of macros is displayed. The macros listed are 'GCNEURO' (Applied by: George Couch, Clinical Fellow At) and 'Case and appointment ...' (Applied automatically). At the bottom of the interface, the 'Create Macro' button is circled in green.

# Macro

- Add and change the order of medications
- Add and change the order of quick events
- Add lines etc (if desired – I think it's more work than adding them fresh)
- Follow the numbers to save!

GCNEURO [106238] - COUCH, GEORGE

1. Save Save As Release 2.

Med LDAs Events Remind

Record name: GCNEURO

Display name: GCNEURO

Public Confidential

Notes:

Share with users:

GCNEURO (Confidential)

Owned by COUCH, GEORGE

Status Unreleased

Notes

Share with

Medication

- Midazolam (mg)
- Fentanyl (mcg)
- Morphine (mg)
- Remifentanyl(mcg/kg/min) 50 mcg/mL infusion (mcg/kg/min)
- Remifentanyl(mcg/kg/min) 100 mcg/mL infusion (mcg/kg/min)
- Metaraminol 0.5 mg/mL continuous infusion (mL/hr)
- Atracurium (mg)
- Rocuronium (mg)
- Dexamethasone (mg)
- Ondansetron (mg)
- Paracetamol (g)
- Gentamicin (mg)
- Flucloxacillin injection (g)
- Co-amoxiclav injection (g)
- Vancomycin infusion (g)
- Lidocaine 1 % (mL)
- Magnesium infusion (g)
- Clonidine (mcg)
- Ketamine (mg)
- Hartmann's (mL)
- Mannitol 10% (mL)
- Hypertonic saline 5% (mL)
- tranexamic acid (g)
- Tranexamic acid infusion (g)

Quick Event Sequence

- Equipment Check
- Anaesthesia Start
- Start Data Collection
- Induction
- Intubation/LMA
- Anaesthesia Ready
- Procedure start

3. Accept Cancel

AFTER 1 and 2

# USEFUL CONTACTS

- **Induction App** - [Induction \(induction-app.com\)](http://induction-app.com)
  - Editable telephone directory for Addenbrooke's
  - Android/IOS versions available
- **Addenbrooke's Switchboard**
  - **01223 245151**