

# Epidurals in BadgerNet

## Midwife's Guide

Calum McDonald  
April 2020

Aberdeen Anaesthesia

[www.aberdeenanaesthesia.org](http://www.aberdeenanaesthesia.org)

 @Abdn\_Anaesth

NHS  
Grampian

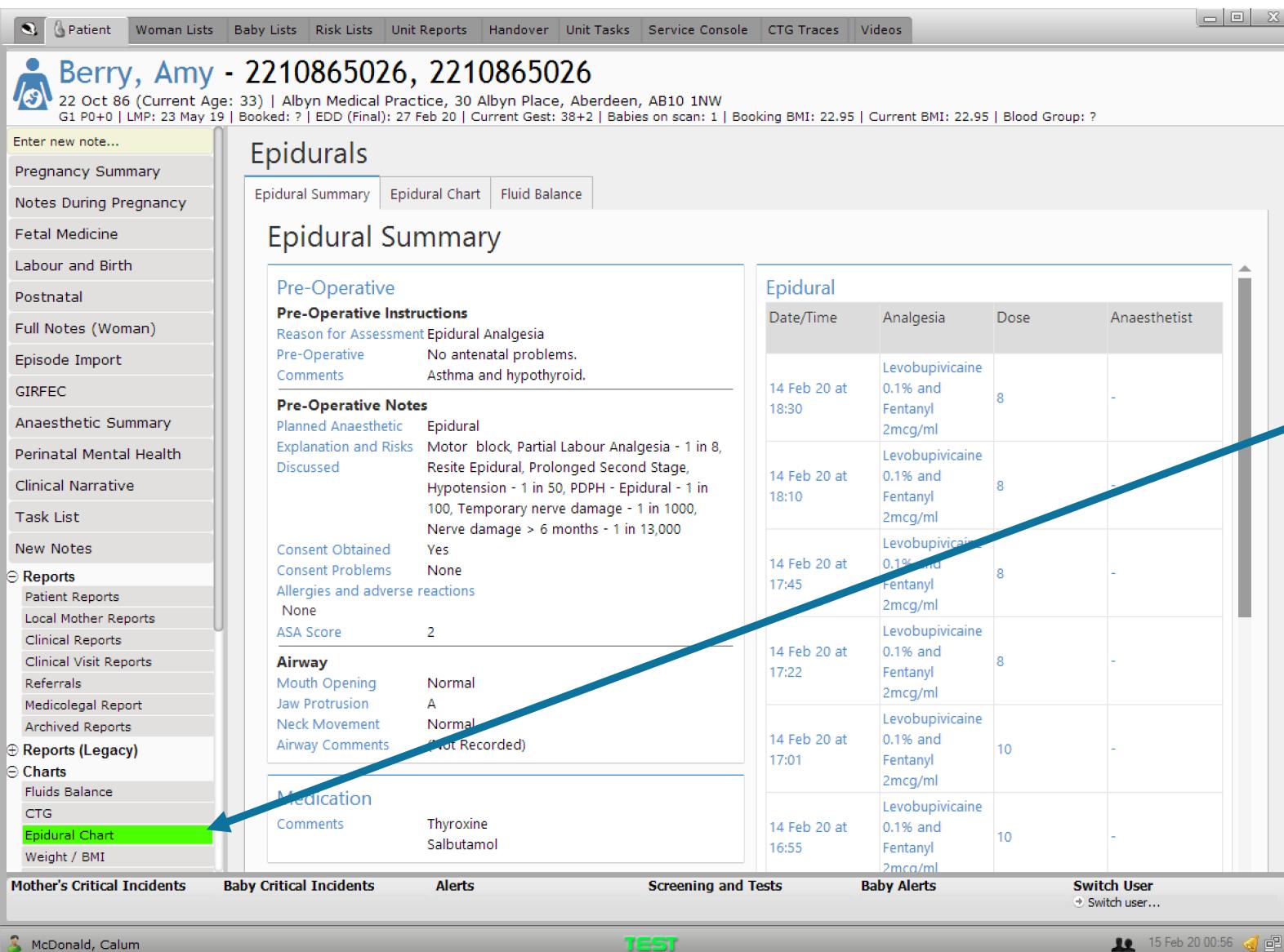
# Epidural Documentation

- This guide will show you how to use BadgerNet to document the epidural care that midwives give to patients.
- When a patient requests an epidural, call the anaesthetist in the usual way. It may be helpful if the time of the call is recorded.
- The anaesthetist will document all the details in BadgerNet with the following notes:
  - Anaesthetic Pre-Op Review
  - Anaesthesia note
  - Epidural prescription
  - Epidural bolus note
  - Epidural/Spinal Assessment note.

# Anaesthetist's Notes

- When completing the Anaesthesia note, the following are helpful times to note for the anaesthetist:
  - Time called
  - Time arrived
  - Time started (when skin prep is applied to the patient's back).
  - Time sited (when the epidural catheter is placed).
  - Time completed (when the catheter is secure and the drapes are removed).
- When completed, the epidural prescription can be found in the Epidural Chart Summary page or the Full Notes page.
- The anaesthetist will record all epidural boluses and assessments they perform.

# Epidural Chart



**Berry, Amy - 2210865026, 2210865026**  
 22 Oct 86 (Current Age: 33) | Albyn Medical Practice, 30 Albyn Place, Aberdeen, AB10 1NW  
 G1 P0+0 | LMP: 23 May 19 | Booked: ? | EDD (Final): 27 Feb 20 | Current Gest: 38+2 | Babies on scan: 1 | Booking BMI: 22.95 | Current BMI: 22.95 | Blood Group: ?

Enter new note...

Pregnancy Summary  
 Notes During Pregnancy  
 Fetal Medicine  
 Labour and Birth  
 Postnatal  
 Full Notes (Woman)  
 Episode Import  
 GIRFEC  
 Anaesthetic Summary  
 Perinatal Mental Health  
 Clinical Narrative  
 Task List  
 New Notes

**Reports**

- Patient Reports
- Local Mother Reports
- Clinical Reports
- Clinical Visit Reports
- Referrals
- Medicolegal Report
- Archived Reports

**Reports (Legacy)**

**Charts**

- Fluids Balance
- CTG
- Epidural Chart**
- Weight / BMI

Mother's Critical Incidents Baby Critical Incidents Alerts Screening and Tests Baby Alerts Switch User  
 Switch user...

TEST

McDonald, Calum

**Epidurals**

Epidural Summary

**Pre-Operative**

**Pre-Operative Instructions**  
 Reason for Assessment: Epidural Analgesia  
 Pre-Operative: No antenatal problems.  
 Comments: Asthma and hypothyroid.

**Pre-Operative Notes**  
 Planned Anaesthetic: Epidural  
 Explanation and Risks: Motor block, Partial Labour Analgesia - 1 in 8, Resite Epidural, Prolonged Second Stage, Hypotension - 1 in 50, PDPH - Epidural - 1 in 100, Temporary nerve damage - 1 in 1000, Nerve damage > 6 months - 1 in 13,000  
 Discussed: Consent Obtained: Yes  
 Consent Problems: None  
 Allergies and adverse reactions: None  
 ASA Score: 2

**Airway**  
 Mouth Opening: Normal  
 Jaw Protrusion: A  
 Neck Movement: Normal  
 Airway Comments: (Not Recorded)

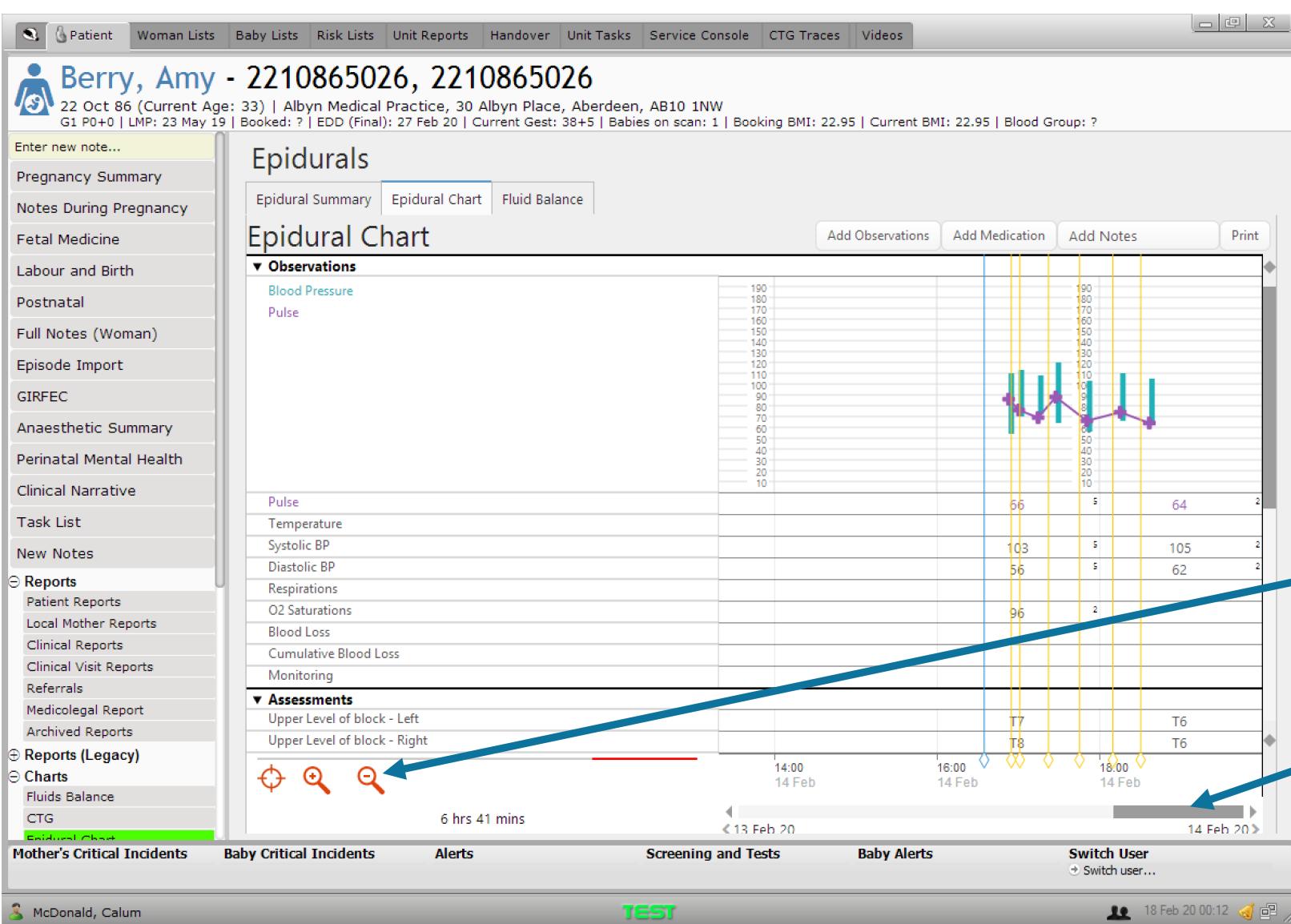
**Medication**  
 Comments: Thyroxine, Salbutamol

**Epidural**

Date/Time	Analgesia	Dose	Anaesthetist
14 Feb 20 at 18:30	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	8	-
14 Feb 20 at 18:10	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	8	-
14 Feb 20 at 17:45	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	8	-
14 Feb 20 at 17:22	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	8	-
14 Feb 20 at 17:01	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	10	-
14 Feb 20 at 16:55	Levobupivacaine 0.1% and Fentanyl 2mcg/ml	10	-

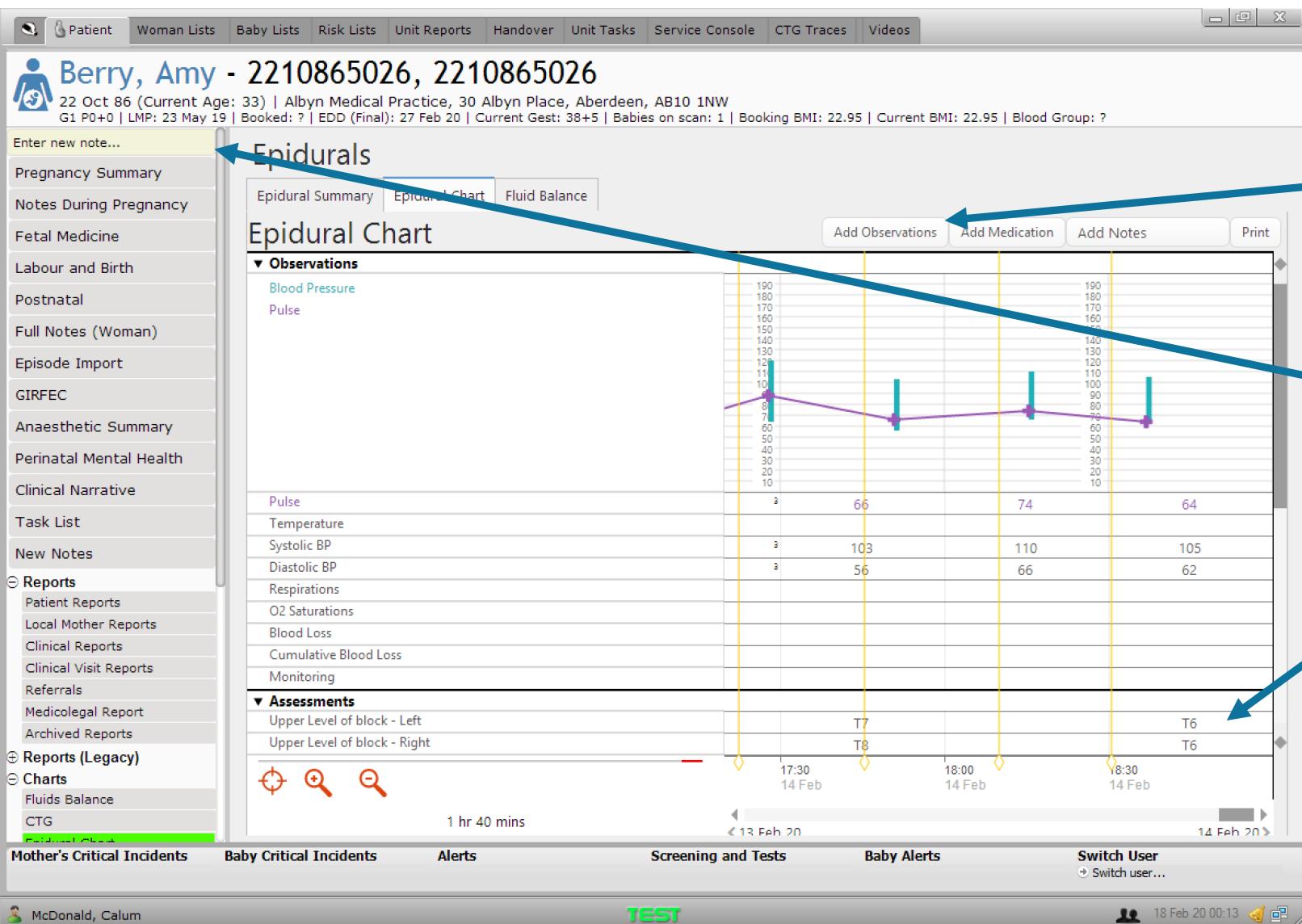
- The epidural chart is the place to document epidural observations, assessments, and when the patient presses the button on their epidural handset.
- Access it by going to the charts tab on the left of this screen.
- The first page summarises epidural and anaesthesia care.
- The chart is created when an Anaesthesia note for Epidural is created.
- You may need to re-open the episode before it appears.

# Epidural Chart



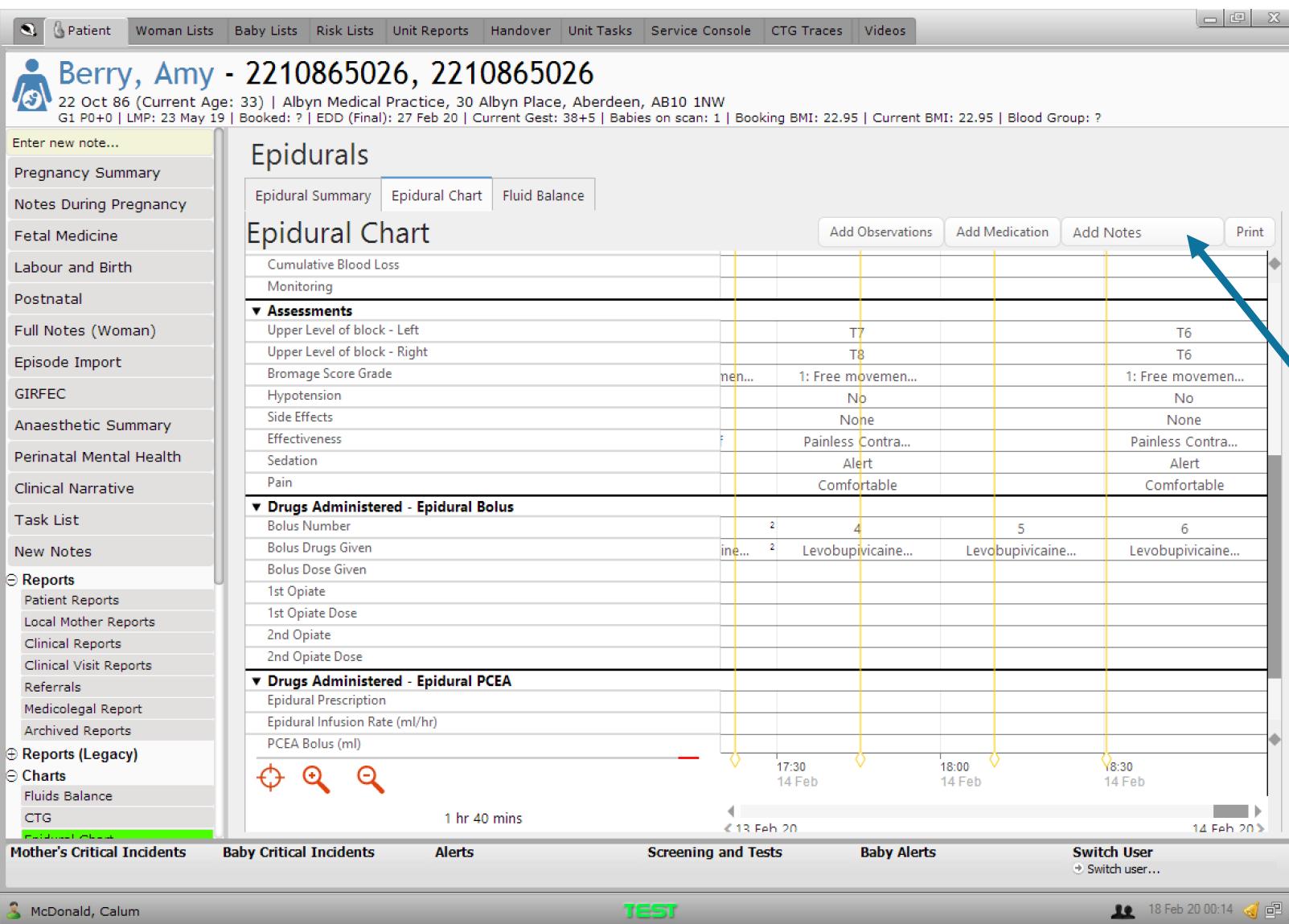
- This shows the epidural chart after two hours of analgesia.
- The blue line is when the anaesthetist was called. The yellow lines show epidural boluses.
- You can zoom in and out using these buttons.
- You may need to scroll sideways using the scroll bar to see the time period you're interested in.

# Epidural Chart



- This is the chart zoomed in.
- From here you can add observations.
- Add an assessment by clicking here and searching for the Epidural/Spinal Assessment note.
- Details of the assessments are shown here, showing block level, effectiveness and side effects. It may be necessary to scroll down to see more detail.

# Patient Administered Epidural Bolus



Berry, Amy - 2210865026, 2210865026  
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Enter new note...

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Postnatal

Full Notes (Woman)

Episode Import

GIRFEC

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Reports (Legacy)

Charts

- Fluids Balance
- CTG
- Epidurals

Mother's Critical Incidents

Baby Critical Incidents

Alerts

Screening and Tests

Baby Alerts

Switch User

18 Feb 20 00:14

**Epidurals**

**Epidural Chart**

**Assessments**

	Upper Level of block - Left	Upper Level of block - Right	Monitoring	
	T7	T8	1: Free movement	T6
			No	T6
			None	No
				None
			Painless Contra...	Painless Contra...
			Alert	Alert
			Comfortable	Comfortable

**Drugs Administered - Epidural Bolus**

Bolus Number	2	4	5	6
Bolus Drugs Given	Levobupivacaine...	Levobupivacaine...	Levobupivacaine...	Levobupivacaine...
Bolus Dose Given				
1st Opiate				
1st Opiate Dose				
2nd Opiate				
2nd Opiate Dose				

**Drugs Administered - Epidural PCEA**

Epidural Prescription			
Epidural Infusion Rate (ml/hr)			
PCEA Bolus (ml)			

1 hr 40 mins

17:30 14 Feb 18:00 14 Feb 18:30 14 Feb

13 Feb 20 14 Feb 20

TEST

- You should document when a patient presses the button on their epidural handset to give themselves a bolus.
- Click on Add Notes, then select Epidural Boluses from the drop down list.

# Patient Administered Epidural Bolus

## Epidural Boluses

NEWVIEW, JULIE (CHI: 0000000000 | PMS Number: 7256296592)

04 May 89 (Age at Delivery: 28) | 22 Charles Street, Aberdeen, AB88 9YY | 09087654346 (mobile)

G3 P2+1 | Date of Delivery: 27 Apr 18 at 18:32 (39+0/40) | Number of Babies: 1 | Booking BMI: 22.31 | Current BMI: 22.31 | Blood Group: O+ | Postnatal 1 week, 3 days | Current Care: Hospital

**Epidural Boluses**

Date and Time of Bolus: 27 Apr 18 at 06:03

Bolus: 1

Bolus Drugs Given: Levobupivacaine 0.1% and Fentanyl 2mcg/ml

Patient Administered: Yes  No

Dose: 10 ml

1st Opiate:

2nd Opiate:

Additional Notes:

- This is the epidural bolus form.
- Check the date and time are correct.
- The bolus number goes up automatically.
- Select the correct drug mix. This is usually **Levobupivacaine 0.1% and Fentanyl 2 mcg/ml**.
- Select 'Yes' here.
- Enter 8 here. This is nearly always the only patient administered bolus dose given.

# Midwife Epidural Assessment

Epidural/Spinal Assessment

NEWVIEW, JULIE (CHI: 0000000000 | PMS Number: 7256296592)

04 May 89 (Age at Delivery: 28) | 22 Charles Street, Aberdeen, AB88 9YY | 09087654346 (mobile)  
G3 P2+1 | Date of Delivery: 27 Apr 18 at 18:32 (39+0/40) | Number of Babies: 1 | Booking BMI: 22.31 | Current BMI: 22.31 | Blood Group: O+ | Postnatal 1week, 3days | Current Care: Hospital

**Epidural/Spinal Assessment**

Date and Time of assessment: 27 Apr 18 at 07:00 Gestation 39weeks, 0days

Assessed By: Morag Ogston Use current user...

Role:  Anaesthetist  Midwife

Additional Notes:

Mode of epidural:  Bolus  Infusion  PCEA  PCEA + Infusion

Attempts: 1

Successful: 1

Upper Level of block - Left: T8

Lower Level of block - Left: S2

Upper Level of block - Right: T8

Lower Level of block - Right: S2

Bromage Score Grade: 1: Free movement of legs and feet

Analgesia: Good

Hypotension:  Yes  No

Side Effects: None

Effectiveness: Painless Contractions

Sedation: Alert

Pain: Comfortable

[Epidural Observations](#)

[Pressure Area Risk Assessment](#)

[Dermatones](#)

[Audit trail...](#)

**Save & Close** **Cancel**

- Click on Add Assessment at the top of the Epidural Chart screen to access this note.
- Select Midwife here.
- Choose the mode of epidural, usually PCEA.
- Enter the rest of the information below.
- Additional notes should be added here.
- Bromage Score is a measure of motor block.

# Epidural Observations

Observations (Woman)

Berry, Amy (CHI: 2210865026 | PMS Number: 2210865026)

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**Admin Data**

Date and Time Observations Performed: 14 Feb 20 at 16:53 (Gestation: 38 weeks, 1 day)

Consent Obtained: Yes

Location: Delivery Suite/Labour Ward

Type of Observations: Epidural

**General**

General Condition: Looks Well

Has the woman been encouraged to move?: Yes

**Vital Signs**

Temperature: 37.0 degrees centigrade

Pulse: 86 beats per minute

Blood Pressure: 110/54 Systolic mmHg / Diastolic mmHg

Additional BP Information: BP taken on Left arm

MAP: 72 mmHg

Respirations: 16 per minute

O2 Saturation: 96 %

Signs of PET: Green

**Sepsis Pathway**

Sepsis Triggers: None

**Abdominal Palpation**

Abdominal Palpation Performed: Yes

**Additional Information**

Remind me to repeat: None

Additional Observations Notes: None

**Observations Note**

**Current Pregnancy**

Agreed EDD: 27 Feb 20

Gestation: 38 weeks, 2 days

Blood Group: (not recorded)

Booking BP: 122/65

Latest Hb (g/dL): (Not Recorded)

**Events**

- Medication
- Ultrasound Scan
- Manual Forms Completed
- Blood Tests and Results
- Microbiological Tests and Results
- SBAR Handover
- Epidural Assessment
- Add Cannula/Catheter

**Cannula and Catheters**

**Catheter**

Inserted: 14 Feb 20 at 16:35

Remove: Click here to record removal

**Management Plan**

**Save & Close** **Cancel**

- Click on Add Observations on the Epidural Chart to open this note.
- Check the date and time are correct.
- Observations will appear on any observation chart.
- The type of observations selected will affect what fields are shown.

# Problems?

- Email me at [calummcdonald@nhs.net](mailto:calummcdonald@nhs.net)
- Email Morag Ogston, BadgerNet Support Midwife at [morag.ogston@nhs.net](mailto:morag.ogston@nhs.net)