

Great North Care Record: BadgerNet (Maternity)

Scenario

This guide explains how to find information from BadgerNet providers in the Great North Care Record.

A summary of how to navigate each section is also included where applicable.

Who shares data into Allergies, Drug Risks / Warnings?

The following organisation(s) share Maternity Data:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

BadgerNet

BadgerNet is the electronic patient record used by Maternity, to record and manage their patient data, within the North East and North Cumbria region. The Great North Care Record (GNCR) and the Local Maternity and Neonatal Systems (LMNS) have teamed up to work together to develop and start sharing maternity data, directly from their EPR, into GNCR.

BadgerNet will provide information into the following sections:

- Allergies and Adverse Reactions
- Care Plans
- Contacts
- Encounters
- Future Appointments
- Medication- To Take Out (TTO) Medication
- Mental Health
- Patient Demographics
- Pregnancy Related Information
- Pregnancy Summary
- Risk Assessments
- Social Context
- Vaccinations
- Vital Signs

Please note: This does not include Neonatal information currently.

A maternity-specific GNCR patient information leaflet has been coproduced and can be accessed on the NENC LMNS website - [Maternity Records Leaflet](#)

Allergies and Adverse Reactions

This section will show the Allergies and Adverse Reactions from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Allergies, Drug Risks / Warnings (1) Details						
Allergy	Reaction	Severity	Reaction type	Status	Date Onset	Comments
Penicillin and derivatives	Anaphylaxis	severe	Allergy	Active		MAT

Care Plans

This section will show Maternity Care Plans from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

The Care Plans will include:

- Planned Place of Birth
- Antenatal Management Plan
- Intrapartum Management Plan
- Postnatal Management Plan
- Risk Assessment

Care Plans (9) Summary			
Report Name	Performed by	Date Completed	Source
Obstetric Postnatal Care Plan		13/05/2024 13:05:41 BST	MAT
Risk Assessments		13/05/2024 12:16:16 BST	MAT
Obstetric Postnatal Care Plan		13/05/2024 12:02:52 BST	MAT
Obstetric Antenatal Care Plan		09/05/2024 14:40:03 BST	MAT
Planned Place Of Birth		09/05/2024 14:40:03 BST	MAT
Obstetric Postnatal Care Plan		19/04/2024 12:45:29 BST	MAT
Obstetric Postnatal Care Plan		18/04/2024 16:08:08 BST	MAT
Obstetric Postnatal Care Plan		11/04/2024 11:11:22 BST	MAT
Obstetric Antenatal Care Plan		06/12/2023 14:06:46 GMT	MAT

Go to 'Care Plans' and select the report you would like to view.

Report Name	Obstetric Postnatal Care Plan		
Performed by			
Date Completed	13/05/2024 12:02:52 BST		
Status	Active		
Source	BadgerNet/Maternity		
Obstetric Postnatal Care Plan			
Actual management plan			
<p>3rd/4th Degree Tear POST OPERATIVE MANAGEMENT • Perform a rectal examination at the end of the procedure to ensure that suture material has not been accidentally inserted through rectal mucosa. If a suture (other than those used for a 4th degree tear) is identified, it should be removed. • The woman should be offered rectal non-steroidal anti-inflammatory analgesia at the end of the procedure, providing there are no contraindications. • Rectal NSAID use should be avoided following 4th degree tear. • Following extensive trauma, an indwelling catheter should be considered for 24 hours to prevent urinary retention. • The following post operative medications should be prescribed (there is a treatment bundle on JAC): o Oral paracetamol and NSAIDs should be offered for analgesia. Opioid analgesia may lead to constipation, so should not be considered first line. If required, use alongside a stool softener. o Co-amoxiclav 250/125mg TDS PO (or clindamycin 150mg TDS PO if penicillin allergic) for 5 days o Lactulose initially 15ml BD PO for 10 days - titrate to keep stool soft but not loose. Avoid bulking agents such as Fybogel as postpartum incontinence is more frequent. • Refer for physiotherapy and pelvic floor exercise for 6-12 weeks before discharge • Information should be given to the woman regarding the extent of the trauma, pain relief, diet and hygiene • Provide QE leaflet 'Third and fourth degree tears in childbirth' before discharge Test addition</p>			
Revised management plan			
<p>3rd/4th Degree Tear POST OPERATIVE MANAGEMENT • Perform a rectal examination at the end of the procedure to ensure that suture material has not been accidentally inserted through rectal mucosa. If a suture (other than those used for a 4th degree tear) is identified, it should be removed. • The woman should be offered rectal non-steroidal anti-inflammatory analgesia at the end of the procedure, providing there are no contraindications. • Rectal NSAID use should be avoided following 4th degree tear. • Following extensive trauma, an indwelling catheter should be considered for 24 hours to prevent urinary retention. • The following post operative medications should be prescribed (there is a treatment bundle on JAC): o Oral paracetamol and NSAIDs should be offered for analgesia. Opioid analgesia may lead to constipation, so should not be considered first line. If required, use alongside a stool softener. o Co-amoxiclav 250/125mg TDS PO (or clindamycin 150mg TDS PO if penicillin allergic) for 5 days o Lactulose initially 15ml BD PO for 10 days - titrate to keep stool soft but not loose. Avoid bulking agents such as Fybogel as postpartum incontinence is more frequent. • Refer for physiotherapy and pelvic floor exercise for 6-12 weeks before discharge • Information should be given to the woman regarding the extent of the trauma, pain relief, diet and hygiene • Provide QE leaflet 'Third and fourth degree tears in childbirth' before discharge Test addition REVISED management plan</p>			
Patient Agrees with the Plan? Yes			
Pregnancy Episode			
	Start Date	End Date	Status
	30/10/2023 08:56:37+00:00	Not available	Active

Please note: Actual plans are the management plan at the time of the appointment, usually made at the last appointment. If a revised management plan is present, this will show the amendments by the clinician at that appointment, and hence may contain changes to the care plan.

Care Plans will also appear in the Pregnancy Summary when there is an active pregnancy.

Pregnancy Summary

Active pregnancy detected

Number of Babies in Ultrasound Scan
2
11/04/2024

Estimated Date of Delivery
Estimated Date of Delivery from last period
EDD by Scan
Estimated Date of Delivery

Planned Place of Birth
09/05/2024 Planned Place Of Birth

Number of Babies Born
2
10/04/2024

Baby(ies) Birth Time
Oakes, Twin 1 - 10/04/2024 23:55:00
Oakes, Twin Two - 10/04/2024 23:55:00

Baby(ies) Birth Outcome
Oakes, Twin 1 - Livebirth
Oakes, Twin Two - Livebirth

Birth Type(s)
Oakes, Twin 1 - Spontaneous vaginal birth (cephalic)
Oakes, Twin Two - Caesarean section

History of Blood Transfusion at Antenatal Booking
Never

Alcohol Consumption
Frequency of Drinking

Risk Factor(s)
13/05/2024 Risk Assessments

Care Plan(s)
13/05/2024 Obstetric Postnatal Care Plan
12/05/2024 Obstetric Postnatal Care Plan
09/05/2024 Obstetric Antenatal Care Plan
19/04/2024 Obstetric Postnatal Care Plan
18/04/2024 Obstetric Postnatal Care Plan
11/04/2024 Obstetric Postnatal Care Plan
06/12/2023 Obstetric Antenatal Care Plan

Previous Pregnancy(ies)
31/05/2020 Previous pregnancies
31/07/2017 Previous pregnancies

Contacts

This section will show Maternity Professional Contacts from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Name	Relationship	Organisation	Start Date	Source
Butler, Alice	Lead Professional		12/04/2024	MAT

Go to '**Contacts**' and select the contact you would like to view.

Please note: Once the pregnancy is closed, the contact information will be removed. The pregnancy is closed on GNCR 6-14 weeks after a baby loss or a birth.

NHS No: [Redacted] Gender: F

Name: Butler, Alice
Relationship: Lead Professional
Organisation: [Redacted]
Start Date: 12/04/2024
Source: BadgerNet/Maternity

Phone:

Home Phone	Work Phone	Mobile Phone
Not available	Not available	Not available

Email: Not available

Address: Not available

Other Information:

Pregnancy Episode

Start Date	End Date	Status
30/10/2023 08:56:37+00:00	Not available	Active

Encounters

This section will show Maternity Birth Encounter from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Please note: An encounter from source 'MAT' will appear when the labour has been completed. The '**ADM (Admission)**' Date refers to the time the established labour began and '**DC (Discharge)**' Date is the time of birth.

Location	Encounter Types	ADM Date	Source
Cobalt Hospital			NuTh
Freeman Hospital			NuTh
Great North Childrens Hospital			NuTh
Royal Victoria Infirmary			NuTh
Cobalt NHS Treatment Centre	Day Case Waiting List	30/04/2024 15:16:52 BST	N/A
Maternity	Observation encounter	10/04/2024 19:10:00 BST	MAT
Queen Elizabeth Hospital		10/04/2024 19:00:00 BST	CHART

Location	Location Details
Maternity	Observation encounter
Encounter Types	Birth (Finding)
Reason For Visit	Professional
ADM Date	10/04/2024 19:10:00 BST
DC Date	10/04/2024 23:59:00 BST
Status	Finished
Source	BadgerNet/Maternity

Future Appointments

This section will show the Maternity Future Appointments from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Appointment Date/Time	Appointment Type	Speciality	Source
29/04/2024 11:00:00 GMT	Face to Face		MAT

Medication

This section will show To Take Out (TTO) Maternity Medication from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Medication	Status	Last Issued	Source
Labetalol	Active	18/04/2024 13:43:00 BST	MAT

Name	Relationship	Organisation	Start Date

Appointment Date/Time	Appointment Type	Speciality

Medication	Details	Status	Patient Instructions	Ordering Clinician	Last Issued
Labetalol	200 milligram, Administration via oral route, TTO	Active			18/04/2024 13:43:00 BST

1. If you hover your mouse over the row, further information will appear and in the 'Details' row it will identify that the medication is 'TTO' (To Take Out).

If you view the widget in 'Details', the TTO information will appear in the 'Details' column.

Medication	Details	Status	Patient Instructions	Ordering Clinician	Last Issued
Labetalol	200 milligram, Administration via oral route, TTO	Active			18/04/2024 13:43:00 BST

Mental Health

This section will show Mental Health information from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Report Name	Performed by	Date Completed	Source
Schizophrenia			MAT
Selfharm			MAT
Severe Postnatal Depression			MAT
CNTW Records (Mental Health, Learning Disability and Specialist Services)		04/06/2024 07:52:27 BST	CNTAWNFT

Go to **'Mental Health'** and view the rows with the source **'MAT'**.

Please note: This information is patient reported.

Pregnancy Related Information

This section will show Pregnancy Related Information from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Go to **'Miscellaneous Reports'** then select the report you would like to view.

In Miscellaneous Reports you will find:

- Blood Transfusions History
- Babies On Scan
- Estimated Date of Delivery (EDD) Agreed
- Estimated Date of Delivery (EDD) By Date
- Estimated Date of Delivery (EDD) By Scan
- Number Babies Born
- Birth Type
- Previous Pregnancy

Report Name	Performed by	Date Completed	Source
Birth outcome			MAT
Birth outcome			MAT
EDD by Scan			MAT
Estimated Date of Delivery			MAT
Estimated Date of Delivery from last period			MAT
History of blood transfusion			MAT
Assessment and Plan		30/04/2024 15:52:46 BST	N/A
Ultrasound scan finding		11/04/2024 11:14:48 BST	MAT
Baby Birth Time		10/04/2024 23:59:00 BST	MAT
Baby Birth Time		10/04/2024 23:55:00 BST	MAT

Report Name	Baby Birth Time
Performed by	
Date Completed	10/04/2024 23:55:00 BST
Status	Active
Source	BadgerNet/Maternity
Oakes, Twin 1 - 10/04/2024 22:55:00+00:00	

Please note: All of this information is also displayed in the Pregnancy Summary widget, which appears on GNCR once an Antenatal Booking is completed, to 6-14 weeks after a birth or baby loss.

Pregnancy Summary

This section will show the Pregnancy Summary from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

The pregnancy summary includes:

- Number of Babies in Ultrasound Scan
- Number of Babies Born
- Baby Birth Time
- Birth Outcome
- Birth Type
- History of Blood Transfusions
- Alcohol consumption
- Smoking Status
- Risk Factor(s)
- Estimated Date of Delivery
- Previous Pregnancies

The screenshot shows a 'Pregnancy Summary' report for an active pregnancy. The report includes the following sections and data points:

- Active pregnancy detected:** 11/04/2024
- Number of Babies in Ultrasound Scan:** 2
- Estimated Date of Delivery:** 11/04/2024
- Estimated Date of Delivery from last period:** 11/04/2024
- EDD by Scan:** 11/04/2024
- Estimated Date of Delivery:** 11/04/2024
- Planned Place of Birth:** 09/05/2024 Planned Place Of Birth
- Number of Babies Born:** 2
- Baby(ies) Birth Time:** 10/04/2024
- Baby(ies) Birth Outcome:** Oakes, Twin 1 - Livebirth; Oakes, Twin Two - Livebirth
- Birth Type(s):** Oakes, Twin 1 - Spontaneous vaginal birth (cephalic); Oakes, Twin Two - Caesarean section
- History of Blood Transfusion at Antenatal Booking:** Never
- Alcohol Consumption:** Frequency of Drinking
- Risk Factor(s):** 13/05/2024 Risk Assessments
- Care Plan(s):** 13/05/2024 Obstetric Postnatal Care Plan; 13/05/2024 Obstetric Postnatal Care Plan; 09/05/2024 Obstetric Antenatal Care Plan; 19/04/2024 Obstetric Postnatal Care Plan; 18/04/2024 Obstetric Postnatal Care Plan; 11/04/2024 Obstetric Postnatal Care Plan; 06/12/2023 Obstetric Antenatal Care Plan
- Previous Pregnancy(ies):** 31/05/2020 Previous pregnancies; 31/07/2017 Previous pregnancies

Four numbered callouts (1, 2, 3, 4) are placed on the screenshot to highlight the 'Active pregnancy detected' status, the 'Birth Outcome' section, the 'Birth Type(s)' section, and the 'Previous Pregnancy(ies)' section, respectively.

Please note: The Pregnancy Summary will appear when there is **an active pregnancy**. Once the pregnancy is closed, the Pregnancy Summary will disappear. The pregnancy is closed on GNCR 6-14 weeks after a baby loss or a birth. If information is still required, it can be found in the Miscellaneous Reports and Care Plans.

1. This section will say 'Active Pregnancy Detected' or 'Closed Pregnancy Detected'. The closed pregnancy will appear when the pregnancy has been closed on BadgerNet but the Pregnancy Summary is still appearing within GNCR (6 weeks post closure).
2. Birth Outcome will either identify a 'Live Birth' or 'Fetal Loss'.
3. Birth Type will appear once a birth has occurred, it will tell you how the pregnant person gave birth, for example via a caesarean section or vaginal birth.
4. Any previous pregnancies will appear here. When you click on 'Previous pregnancies' the report will provide information on Date of Birth, Length of gestation at birth, Delivery finding and Birth Outcome.

Risk Assessments

This section will show the Maternity Risk Assessments from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Go to 'Care Plans' and select the risk assessment.

Report Name	Performed by	Date Completed	Source
Antenatal risk assessment		25/04/2024 13:08:04 BST	MAT
Obstetric Postnatal Care Plan		19/04/2024 12:45:29 BST	MAT
Obstetric Intrapartum Care Plan		19/04/2024 12:32:07 BST	MAT
Obstetric Postnatal Care Plan		18/04/2024 16:08:08 BST	MAT
Obstetric Postnatal Care Plan		11/04/2024 11:11:22 BST	MAT
Planned Place Of Birth		09/04/2024 16:41:36 BST	MAT
Obstetric Antenatal Care Plan		06/12/2023 14:06:46 GMT	MAT

Report Name	Risk Assessments
Performed by	
Date Completed	13/05/2024 12:16:16 BST
Status	Completed
Source	BadgerNet/Maternity
Current Pregnancy Risk Factor(s)	
<ul style="list-style-type: none"> • Having care outside of Guidelines • Twin or Multiples • EPW under 3rd Centile • Fetal macrosomia (>95th centile) 	
Previous Obstetric Risk Factor(s)	
<ul style="list-style-type: none"> • Previous Caesarean Section • Previous Major Placenta Praevia (formerly Grades 3 and 4) • Previous Minor Placenta Praevia (formerly Grades 1 and 2) • Previous Molar Pregnancy • Previous Group B Streptococcus 	
Previous Baby(ies) Risk Factor(s)	
<ul style="list-style-type: none"> • Previous Congenital Abnormality 	
Medical Risk Factor(s)	
<ul style="list-style-type: none"> • Age greater than or equal to 40 at booking • Smoker ≤ 20 per day • Medical other 	
Gynaecological Risk Factor(s)	
<ul style="list-style-type: none"> • Uterine anomalies 	
Mental Health Risk Factor(s)	
<ul style="list-style-type: none"> • Anxiety • Eating disorder • Family member with serious Mental Health condition • Fear of Childbirth/Tokophobia • History of 6+Polar • History of Schizophrenia • Previous depression • Previous severe postnatal depression • Previous Puerperal Psychosis • Sella tumour • Previous suicide attempt • Current Depression • Obsessive Compulsive Disorder • Post-traumatic stress disorder 	
Anaesthetic Risk Factor(s)	
<ul style="list-style-type: none"> • Unknown anaesthetic 	
Sensitive Risk Factor(s)	
<ul style="list-style-type: none"> • Other skin factor 	
Family History Risk Factor(s)	
<ul style="list-style-type: none"> • Pre Eclampsia (Mother or Sister) • Diabetes (first degree relative) • Genetic Abnormality • 1st Degree Family History of VTE 	

Please note: This information will also appear in the Pregnancy Summary when there is an active pregnancy.

Go to 'Pregnancy Summary' then scroll down to 'Risk Factor(s)' and select the risk assessment you would like to view. This is the most recent risk assessment completed by maternity.

Pregnancy Summary	
Active pregnancy detected	
Number of Babies in Ultrasound Scan	2
	11/04/2024
Estimated Date of Delivery	
	Estimated Date of Delivery from last period
	EDD by Scan
	Estimated Date of Delivery
Planned Place of Birth	09/05/2024 Planned Place Of Birth
Number of Babies Born	2
	10/04/2024
Baby(ies) Birth Time	
	Oakes, Twin 1 - 10/04/2024 23:55:00
	Oakes, Twin Two - 10/04/2024 23:59:00
Baby(ies) Birth Outcome	
	Oakes, Twin 1 - Livebirth
	Oakes, Twin Two - Livebirth
Birth Type(s)	
	Oakes, Twin 1 - Spontaneous vaginal birth (cephalic)
	Oakes, Twin Two - Caesarean section
History of Blood Transfusion at Antenatal Booking	
	Never
Alcohol Consumption	
	Frequency of Drinking
Risk Factor(s)	13/05/2024 Risk Assessments
Care Plan(s)	
	13/05/2024 Obstetric Postnatal Care Plan
	13/05/2024 Obstetric Postnatal Care Plan
	09/05/2024 Obstetric Antenatal Care Plan
	19/04/2024 Obstetric Postnatal Care Plan
	18/04/2024 Obstetric Postnatal Care Plan
	11/04/2024 Obstetric Postnatal Care Plan
	06/12/2023 Obstetric Antenatal Care Plan
Previous Pregnancy(ies)	
	31/05/2020 Previous pregnancies
	31/07/2017 Previous pregnancies

Social Context

This section will show the Maternity Social Context from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Go to 'Social Context' and select the report you would like to view.

There are four reports which can appear in Social Context:

- Alcohol consumption
- Cigarette consumption
- Tobacco use and exposure
- Safeguarding

Report Name	Performed by	Date Completed	Source
Cigarette consumption			MAT
Finding of tobacco use and exposure			MAT
Frequency of Drinking			MAT
Safeguarding issues		19/05/2024 14:49:39 BST	MAT
Safeguarding issues		16/04/2024 10:46:40	MAT

Report Name	Frequency of Drinking
Performed by	
Date Completed	Completed
Status	Completed
Source	BadgerNet/Maternity
Frequency of Drinking (units): Monthly or less	
Maternal pre-pregnancy alcoholic beverage intake: 5	
Alcohol consumption during pregnancy: 2	
AUDIT-C (Alcohol Use Disorders Identification Test - Consumption) score: 5	

Vaccinations

This section will show the Maternity Vaccinations from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Vaccination	Date Given	Source
Tetanus	30/04/2024 15:03:00 BST	MAT
Gamma Globulin	30/04/2024 15	
COVID-19	30/04/2024 14	
Whooping Cough	02/04/2024 13	
Influenza	02/04/2024 13	
Acellular Pertussis	02/04/2024 13	
Measles, Mumps and Rubella	02/03/2024 13	
Gamma Globulin	02/03/2024 00	
Pneumonia	02/03/2024 00	
Tetanus	01/01/2024 16	

Vaccination	Tetanus
Date Given	30/04/2024 15:03:00 BST
Route	
Site	
Note	Clinically recorded text
Dose	
Status	Completed
Performed by	Bryden, Julie
Source	BadgerNet/Maternity

Please note: In the 'Vaccination' column, the name of the condition you are vaccinating against will display, not the name of the medication/brand.

Vital Signs

This section will show the Maternity Vital Signs from:

- Gateshead Health NHS Foundation Trust
- Northumbria Healthcare NHS Foundation Trust

Name/Measurement	Value	Reference Range	Date Resulted	Source
Systolic blood pressure/Diastolic blood pressure	150/90 mmHg		17/01/2024 13:47:00 GMT	MAT

The Vitals Signs will include:

- BMI
- Body Height
- Body Weight
- Blood Pressure – only the booking blood pressure and most recent will appear.