



# Antenatal iron deficiency Audit data collection

## Patient demographics

- Patient identification (URN/medical record number) *De-identified patient data*
- Delivery date
- Gravidity (G)
- Parity (P)
- Height (cm)
- Weight (kg)
- BMI
- Care model/antenatal clinic e.g.:
  - Antenatal clinic
  - Midwifery clinic
  - GP shared care
  - Other:
- Date of last delivery
- Any identified risk factor(s) for iron depletion? (Select all that apply)
  - Consecutive pregnancy < 1 year following delivery
  - Previous PPH
  - Previous anaemia
  - Multiple pregnancy
  - Jehovah's witness
  - Vegetarian
  - Aboriginal and Torres Strait Islander
  - Unknown
  - Other:
- Comorbidity

## First, second and third trimester bloods

### Date and trimester

- Haemoglobin (g/L)
- MCV
- MCH
- RDW
- Ferritin/B12/Folate
- Electrophoresis
  - Not indicated
  - Indicated but not checked
  - Normal
  - Haemoglobinopathy detected

## Additional bloods

### Date and trimester

- Haemoglobin (g/L)
- MCV
- MCH
- RDW
- Other

## Oral iron supplementation

- Was oral iron prescribed? (Choose one answer)
  - Yes/No/Unknown
- Date prescribed
- Product
  - Ferro-grad®
  - Ferro-grad C®
  - Ferro-F-tab®
  - Maltofer®
  - Maltofer Syrup®
  - Ferro-grad F®
  - Fefol Iron & Folate Supplement®
  - Ferro-Tab®
  - Ferro-Liquid®
  - Other:
- Document prescribed iron dose
- Side effects (choose one answer)
  - Yes/No/Unknown
- What are the side effects? (Select all that apply)
  - Constipation
  - Diarrhoea
  - Nausea
  - Vomiting
  - Heartburn
  - Abdominal pain
  - Other:
- Compliance (appropriate management of iron intolerance) (choose one answer)
  - Yes, compliant with oral iron
  - No
- Was IV iron given? (Choose one answer)
  - Yes/No/Unknown
- Date when was IV iron given
- Product (choose one answer)
  - Ferric carboxymaltose FERINJECT®
  - Iron polymaltose FERROSIG®
  - Iron polymaltose FERRUM H®
  - Iron sucrose VENOFER®
  - Other:
- Dose
- Side effects (choose one answer)
  - Yes/No/Unknown
- What are the side effects? (Please list)

## Bloods on admission to deliver

### Date

- Haemoglobin (g/L)
- MCV
- MCH
- RDW
- Other

## Delivery complications

- Blood loss (mL)
- Did the patient receive a transfusion postpartum? (choose one answer)
  - Yes/No/Unknown

## Follow-up bloods

### Date

- Haemoglobin (g/L)
- MCV
- MCH
- RDW
- Ferritin
- B12
- Folate



# Antenatal iron deficiency Audit results template

<b>Project</b>	Improving maternity blood management - improving identification and management of iron deficiency and anaemia
<b>Aim</b>	This audit aims to gain an understanding of the clinical practice in the screening and management of iron deficiency and anaemia in the antenatal clinic at <i>[organisation name]</i> .
<b>Background</b>	<i>[Organisation name]</i> is conducting a practice improvement project to improve maternal blood management by identifying and managing iron deficiency and anaemia.
<b>Audit</b>	<i>[Number of audit responses]</i> total responses

	<b>Indicator</b>	<b>MM/YY Pre-pilot</b>	<b>MM/YY Post-pilot</b>
<b>Investigations</b>	Hb results at booking Number of screened women with Hb ≤ 110 g/L	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	MCV results at booking	[x% (x/total responses)]	[x% (x/total responses)]
	Ferritin results at booking Number of screened women with ferritin ≤ 30	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	Identification of women at risk for iron deficiency	[x% (x/total responses)]	[x% (x/total responses)]
	Hb results at 28 weeks/second trimester Number of screened women with Hb ≤ 105 g/L	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	MCV results at 28 weeks/second trimester	[x% (x/total responses)]	[x% (x/total responses)]
	Ferritin results at 28 weeks/second trimester Number of screened women with ferritin ≤ 30	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	Hb results at 36 weeks/third trimester Number of screened women with Hb ≤ 110 g/L	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	MCV results at 36 weeks/third trimester	[x% (x/total responses)]	[x% (x/total responses)]
	Ferritin results at 36 weeks/third trimester Number of screened women with ferritin ≤ 30	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	Hb results at admission/delivery Anaemia at delivery (≤ 110 g/L)	[x% (x/total responses)] [x/total responses]	[x% (x/total responses)] [x/total responses]
	<b>Treatment</b>	Evidence of oral iron prescribed when indicated	[x% (x/total responses)]
Appropriate dose for oral iron		[x% (x/total responses)]	[x% (x/total responses)]
If yes, was appropriate duration of treatment prescribed		[x% (x/total responses)]	[x% (x/total responses)]
<b>Follow-up</b>	Repeat Hb checked	[x% (x/total responses)]	[x% (x/total responses)]
	Adequate response to treatment	[x% (x/total responses)]	[x% (x/total responses)]
	Appropriate use of IV iron	[x% (x/total responses)]	[x% (x/total responses)]