

Liver and Gastrointestinal

Consideration of referral for an MDT opinion or transfer of care

The woman may need to be referred for care or discussion to the nearest specialist unit (as indicated in the table) either:

- 1. Maternal Medicine Centres (MMC)** The MMCs have the responsibility for hosting the MDT, the regional guidelines and standards of care
- 2. Regional Unit (RU)-** The RU has expertise and can manage pregnant women with the condition

Condition		Category of condition	Maternal Medicine Centre (MMC)	Other Regional Units (ORU)	Pre-pregnancy advice	Notes- e.g. MDT if required Geographical variants
Inflammatory Bowel Disease	Uncomplicated disease/in remission (may be supported by medication)	Local expertise	Bristol- UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Local unit if needed SWMMN Video available	Swindon to refer to Oxford if required
	Complex disease <ul style="list-style-type: none"> • Active disease despite Treatment • Biologics • Long-term Corticosteroids • Peri-anal disease • Pouch/stoma 	Discussion with Obstetric Medicine MDT if needed	Bristol- UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Local unit if needed with GI input SWMMN Video available	Swindon (+ Gloucester if appropriate) to refer to Oxford
Portal hypertension		Discussion with Obstetric Medicine MDT	Bristol- UHBW	Plymouth Exeter	Advised MMC/RU in conjunction with hepatologist	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway

		Care led by MMC/RU and delivery likely in MMC/RU				
Pancreatitis	Acute and Chronic	Discussion with Obstetric Medicine MDT if required Care led by MMC/RU and delivery likely in MMC/RU	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Local	Swindon to refer to Oxford
	Complex <ul style="list-style-type: none"> • Not responding to treatment • Recurrent disease • Hypertriglyceridaemia • IR/Surgical intervention 	Discussion with Obstetric Medicine MDT Care led by MMC/RU and delivery likely in MMC/RU	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Advised MMC/RU	Swindon to refer to Oxford
GI Malignancy	Treated	Discuss with Obstetric Medicine MDT	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth	Advised Local may need discussion	Swindon to refer to Oxford

		Care and delivery likely in local unit		Exeter Truro	with MMC/RU	
	Active	Discuss with Obstetric Medicine MDT Care led by MMC/RU and delivery likely in MMC/RU	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	N/A	Swindon to refer to Oxford
Unexplained jaundice		Discuss with Obstetric Medicine MDT (MMC/RU in emergency)	Bristol- NBT (obstetric physician)	Gloucester Bath NBT Taunton Plymouth Exeter Truro	N/A	Swindon to refer to Oxford
Cirrhosis		Discussion with Obstetric Medicine MDT Care led by MMC/RU and delivery likely in MMC/RU	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Advised MMC/RU in conjunction with hepatologist	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway
Acute fatty Liver of Pregnancy		Discuss with Obstetric	Bristol-UHBW	Gloucester Bath	N/A	Swindon to refer to Oxford

	Medicine MDT (MMC/RU in emergency) about most appropriate further care and place of delivery May need transfer to national liver centre		NBT Taunton Plymouth Exeter Truro	Will need discussion for next pregnancy – Local but discussion may be required with MMC /RU	Gloucester may choose to refer to Birmingham via usual pathway
Decompensated liver disease/liver failure	Discussion with MMC/RU likely to need transfer to national liver unit	Bristol- UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Advised MMC/RU in conjunction with hepatologist	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway
Achalasia	Discuss with Obstetric Medicine MDT Care and delivery likely in local unit	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Advised MMC/RU	Swindon to refer to Oxford
Liver transplant	Discuss with Obstetric Medicine MDT about	Bristol-UHBW (in conjunction national unit)	Gloucester Bath NBT Taunton	Advised MMC/RU or patient's	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway

		most appropriate further care and place of delivery		Plymouth Exeter Truro	transplant centre	
Intrahepatic cholestasis	(bile acids <100)	Local			N/A	
	(bile acids ≥100)	Discuss with Obstetric Medicine MDT (MMC/ RU in emergency)	Bristol-UHBW	NBT Plymouth Exeter	N/A	Swindon to refer to Oxford
Liver infarction/haematoma		Discuss with Obstetric Medicine MDT (MMC/ RU in emergency)	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	N/A	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway
Autoimmune hepatitis		Discuss with Obstetric Medicine MDT about most appropriate further care and place of delivery	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	Advised with current hepatologist MMC/RU	Swindon to refer to Oxford Gloucester may choose to refer to Birmingham via usual pathway
Wilson's disease		Discuss with Obstetric	Bristol-UHBW	NBT Plymouth Exeter	Advised MMC/RU	Swindon to refer to Oxford

	Medicine MDT Care and delivery likely in local unit				
HELLP	Discuss with Obstetric Medicine MDT (MMC/ RU in emergency)	Bristol-UHBW	NBT Plymouth Exeter	N/A Local for future pregnancy	Swindon to refer to Oxford
Liver Tumours/lesions e.g. adenoma	Discuss with Obstetric Medicine MDT (MMC/ RU in emergency)	Bristol-UHB	NBT Plymouth Exeter	Advised local. May need discussion with MMC/RU	Swindon to refer to Oxford
Primary biliary Cirrhosis	Discuss with Obstetric Medicine MDT about most appropriate further care and place of delivery	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth Exeter Truro	MMC/RU in conjunction with hepatologist	Swindon to refer to Oxford
Primary sclerosing cholangitis	Discuss with Obstetric Medicine MDT about most	Bristol-UHBW	Gloucester Bath NBT Taunton Plymouth	MMC/RU in conjunction with hepatologist	Swindon to refer to Oxford

	appropriate further care and place of delivery		Exeter Truro		
Hyperemesis	Local expertise			N/A	
Constipation	Local expertise			N/A	
Gallstones	Local expertise			N/A	
Gastro-oesophageal reflux disease	Local expertise			N/A	
Viral hepatitis	Local expertise			Local	
Coeliac disease	Local expertise			GP	
Cholecystitis	Local expertise			N/A	