**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

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| --- | --- | --- | --- | --- | --- |
| **Condition** | **Category of condition** | **Maternal Medicine****Centre (MMC)** | **Other Regional Units (ORU)** | **Pre-pregnancy advice** | **Notes- e.g.**MDT if requiredGeographical variants |
| **Inflammatory Bowel Disease** | **Uncomplicated disease/in remission (may be supported by medication)** | Local expertise | Bristol- UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | Local unit if neededSWMMN Video available | Swindon to refer to Oxford if required |
| **Complex disease*** **Active disease despite Treatment**
* **Biologics**
* **Long-term Corticosteroids**
* **Peri-anal disease**
* **Pouch/stoma**
 | Discussion with Obstetric Medicine MDT if needed | Bristol- UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | Local unit if needed with GI inputSWMMN Video available | Swindon (+ Gloucester if appropriate) to refer to Oxford |
| **Portal hypertension** | Discussion with Obstetric Medicine MDTCare led by MMC/RU and delivery likely in MMC/RU  | Bristol- UHBW | PlymouthExeter  | AdvisedMMC/RU in conjunction with hepatologist | Swindon to refer to OxfordGloucester may choose to refer to Birmingham via usual pathway |
| Pancreatitis | Acute and Chronic | Discussion with Obstetric Medicine MDT if requiredCare led by MMC/RU and delivery likely in MMC/RU | Bristol-UHBW  | GloucesterBathNBTTauntonPlymouthExeterTruro | Local | Swindon to refer to Oxford |
| Complex * Not responding to treatment
* Recurrent disease
* Hypertriglyceridaemia
* IR/Surgical intervention
 | Discussion with Obstetric Medicine MDTCare led by MMC/RU and delivery likely in MMC/RU | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedMMC/RU | Swindon to refer to Oxford |
| GI Malignancy | Treated | Discuss with Obstetric Medicine MDTCare and delivery likely in local unit  | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedLocal may need discussion with MMC/RU | Swindon to refer to Oxford |
| Active | Discuss with Obstetric Medicine MDTCare led by MMC/RU and delivery likely in MMC/RU | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | N/A | Swindon to refer to Oxford |
| Unexplained jaundice | Discuss with Obstetric Medicine MDT (MMC/RU in emergency) | Bristol- NBT (obstetric physician) | GloucesterBathNBTTauntonPlymouthExeterTruro | N/A | Swindon to refer to Oxford |
| Cirrhosis | Discussion with Obstetric Medicine MDTCare led by MMC/RU and delivery likely in MMC/RU | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedMMC/RU in conjunction with hepatololgist | Swindon to refer to OxfordGloucester may choose to refer to Birmingham via usual pathway |
| Acute fatty Liver of Pregnancy | Discuss with Obstetric Medicine MDT (MMC/RU in emergency) about most appropriate further care and place of delivery May need transfer to national liver centre | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | N/AWill need discussion for next pregnancy – Local but discussion may be required with MMC /RU | Swindon to refer to OxfordGloucester 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 | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedMMC/RU in conjunction with hepatologist | Swindon to refer to OxfordGloucester may choose to refer to Birmingham via usual pathway |
| Achalasia | Discuss with Obstetric Medicine MDTCare and delivery likely in local unit | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedMMC/RU | Swindon to refer to Oxford |
| Liver transplant | Discuss with Obstetric Medicine MDT about most appropriate further care and place of delivery  | Bristol-UHBW(in conjunction national unit) | GloucesterBathNBTTauntonPlymouthExeterTruro | AdvisedMMC/RU or patient’s transplant centre | Swindon to refer to OxfordGloucester may choose to refer to Birmingham via usual pathway |
| Intrahepatic cholestasis   | (bile acids <100) | Local |  |  | N/A |  |
| (bile acids ≥100) | Discuss with Obstetric Medicine MDT (MMC/ RU in emergency) | Bristol-UHBW | NBTPlymouth Exeter | N/A | Swindon to refer to Oxford |
| Liver infarction/haematoma | Discuss with Obstetric Medicine MDT (MMC/ RU in emergency) | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | N/A | Swindon to refer to OxfordGloucester 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 | GloucesterBathNBTTauntonPlymouthExeterTruro | Advised with current hepatologistMMC/RU | Swindon to refer to OxfordGloucester may choose to refer to Birmingham via usual pathway |
| Wilson’s disease | Discuss with Obstetric Medicine MDTCare and delivery likely in local unit | Bristol-UHBW  | NBTPlymouthExeter | Advised MMC/RU | Swindon to refer to Oxford |
| HELLP | Discuss with Obstetric Medicine MDT (MMC/ RU in emergency) | Bristol-UHBW | NBTPlymouthExeter | N/ALocal 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 | NBTPlymouthExeter | 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 | GloucesterBathNBTTauntonPlymouthExeterTruro | MMC/RU in conjunction with hepatologist | Swindon to refer to Oxford |
| Primary sclerosing cholangitis | Discuss with Obstetric Medicine MDT about most appropriate further care and place of delivery | Bristol-UHBW | GloucesterBathNBTTauntonPlymouthExeterTruro | MMC/RU in conjunction with hepatologist | Swindon to refer to Oxford |
| 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 |  |