MASLD-CARE: a national implementation audit of a MASLD clinical care bundle in the United Kingdom

BASL MASLD Specialist Interest Group

INSTRUCTIONS

Thank you very much for participating in the MASLD-CARE national audit.

The project aims to **firstly**, implement a standardised MASLD clinical care bundle across UK hepatology and gastroenterology services to improve the quality and consistency of patient care. **Secondly**, we aim to evaluate whether bundle implementation improves adherence to the 11 UK MASLD quality standards compared with the findings of the 2022 National NAFLD Audit.

1. Register the audit locally

Each participating centre is required to register the project with their local clinical audit department before commencing. Please refer to the *Project Summary*, *Full Audit Protocol* and *HRA Decision Tool* documents to facilitate local registration.

Each centre should nominate a local consultant and trainee lead. A maximum of three collaborators per centre, including the site lead, may be involved in data collection.

Please also complete the online registration form to confirm your centre's participation and provide contact details for the local team.

Hospital registration form:

https://docs.google.com/forms/d/e/1FAIpQLScSc3AbZPwPMn98TvcT2Z3ayuBETtJc0lsFSSIhTJlFL611tg/viewform?usp=sharing&ouid=112927735737984429878

2. Implement the MASLD clinical care bundle

Introduce the MASLD clinical care bundle into routine hepatology and gastroenterology outpatient consultations for **at least three months** before commencing data collection.

Participating teams should introduce the bundle to healthcare professionals involved in MASLD care through local communications and educational activities, including emails and departmental teaching sessions.

The bundle can be used in paper or electronic format, depending on local arrangements. Clinicians should be encouraged to use the bundle during consultations and document its use and the relevant elements addressed in the clinic letter.

3. Identify eligible patients over a four-week period

Following at least three months of bundle implementation, each centre should identify **all eligible new patients** attending hepatology or gastroenterology outpatient clinics over a subsequent **four-week period**.

The bundle should continue to be used throughout this period.

Patient identification / Search strategy

Patients should be identified through electronic outpatient clinic lists, electronic patient records or local audit departments, according to local arrangements.

Include all patients attending their **first hepatology or gastroenterology outpatient consultation** during the four-week audit period who meet the following criteria.

Inclusion criteria

Adults (≥18 years) attending their first hepatology or gastroenterology outpatient appointment for:

- Management of suspected or established MASLD.
- Incidental hepatic steatosis identified on imaging.
- Unexplained abnormal liver blood tests.
- Indeterminate or high-risk non-invasive fibrosis assessment.

Exclusion criteria

- Age under 18 years.
- The hospital is already using a MASLD bundle.
- AUDIT-C score ≥5.
- Alcohol intake ≥17.5 units/week for women or ≥26 units/week for men.
- Predominant alternative chronic liver disease (e.g. MetALD or ALD).
- Previous liver decompensation (variceal bleeding, hepatic encephalopathy, ascites or jaundice).
- Previous liver transplantation.
- Current or previous hepatocellular carcinoma.
- Active extrahepatic malignancy.
- Pregnancy.
- Suspected drug-induced liver injury.

4. Complete the electronic audit form

The electronic data collection form can be accessed using the following link:

Survey link:

https://docs.google.com/forms/d/e/1FAIpQLSfVLH4x6BtxDOI8fsb-4koWcgXD9KewRAeUrx-7zvg-ZOXubw/viewform?usp=sharing&ouid=112927735737984429878

Data should be collected retrospectively from electronic clinical records, including clinic letters, consultation notes, investigations and relevant correspondence. Paper records may also be used where necessary.

5. Submit one form per patient

Please complete **one electronic form for every eligible patient** reviewed during the four-week audit period, regardless of whether the MASLD care bundle was used during their consultation.

Only anonymised data should be submitted. No directly identifiable patient information should be entered into the electronic audit form.

Each site should maintain a secure local record of included patients to facilitate data verification if required.

6. Submit the audit completion form

Once data collection is complete, please fill in the *Audit Completion Form*.

Audit completion form:

https://docs.google.com/forms/d/e/1FAIpQLSdg0VpDqRqUP5PTs01v0v01qfmxWJq2jPOsSOldIGgEcjdFzQ/viewform?usp=sharing&ouid=112927735737984429878

Supporting documents

The following documents will be provided to participating centres:

- Full MASLD-CARE Audit Protocol
- MASLD-CARE Project Summary (single page)
- HRA Decision Tool outcome
- MASLD Clinical Care Bundle

For any questions and queries please contact the YaHGuT team: **yahgutnetwork@gmail.com**

Thank you again for your support and contribution to MASLD-CARE.

We hope this collaborative project will help improve the quality and consistency of MASLD care across the UK.