

MAFLD – the importance of early identification and intervention

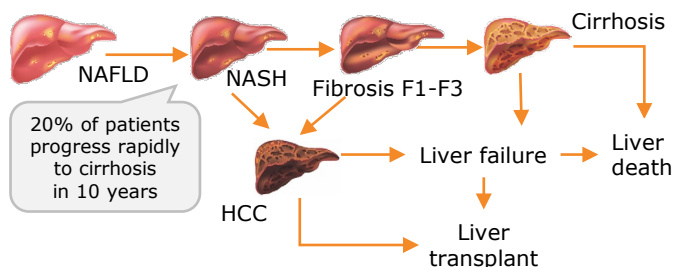
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Pooled global prevalence of MAFLD: 30.05% (95% CI: 27.88–32.32%)¹

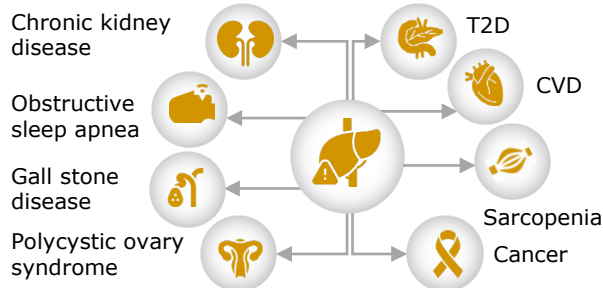
MAFLD is a dynamic disease²



Liver fibrosis is associated with negative outcomes in patients with MAFLD⁴



MAFLD is a multi-system disease³

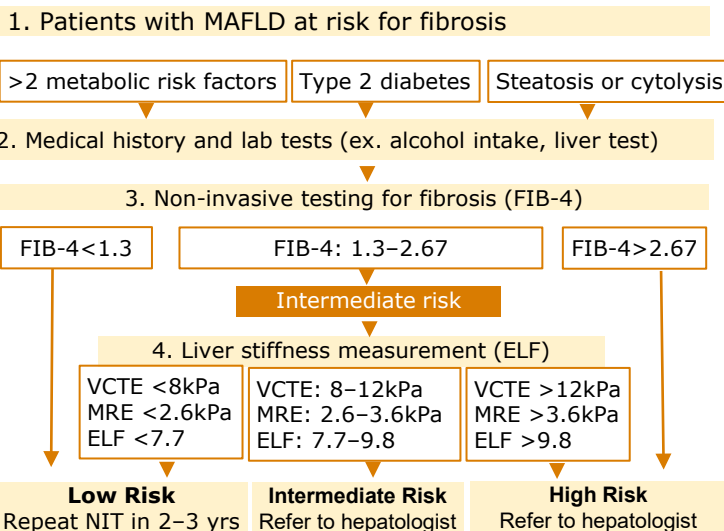


Early identification of high-risk advanced liver disease prevents future hepatic complications

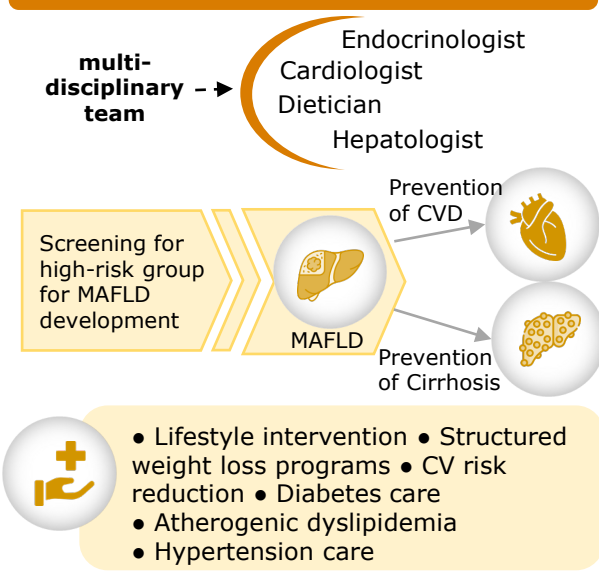


MAFLD clinical care pathway

Screening for advanced fibrosis in MAFLD^{5,6}



Management algorithm of MAFLD⁷



Treatment with EPLs is associated with clinical improvements in patients with MAFLD

Meta-analysis of RCTs⁸: Significant changes in ALT, TG and total cholesterol levels with EPL+AD vs AD alone for MAFLD associated with Mets

An observational, multicentre, prospective trial (MANPOWER): Significant improvement in lipid profile in patients (N=2843) with NAFLD and cardiometabolic comorbidities receiving EPL+ hypolipidemic treatment and EPL alone (p<0.05)



- MAFLD is a multi-system disease and hepatic component of metabolic syndrome
- Non-invasive tools can be used to stratify risk of disease progression and clinical outcomes
- Early identification of population at increased risk for advanced liver disease allows for interventions to prevent future hepatic complications

AD, anti-diabetic; CI, confidence interval; CV, cardiovascular; CVD, cardiovascular disease; ELF, enhanced liver fibrosis; EPL, essential phospholipid; HCC, hepatocellular carcinoma; MAFLD, metabolic-associated liver disease; MRE, magnetic resonance elastography; NAFLD, non-alcoholic fatty liver disease; NASH, non-alcoholic steatohepatitis; RCT, randomized controlled trial; T2D, Type 2 diabetes; VCTE, vibration-controlled transient elastography

1. Younossi ZM, et al. Hepatology 2023;77:1335–47; 2. Bertot LC and Adams LA. Int J Mol Sci 2016;17:774; 3. Younossi Z, et al. Hepatology 2019;69:2672; 4. Hagström H, et al. J Hepatol 2017;67(6):1265–1273; 5. Kanwal F, et al. Gastroenterology 2021;161:1657–1669; 6. Ajmera V, et al. Molec Metab 2021;50:101167; 7. Cusi K, et al. Endocr Pract. 2022;28:528; 8. Dajani A, et al. Poster presented at APASL 2020; PO-7-84; 9. Maev IV, et al. BMJ Open Gastroenterol 2020;7:e000341