



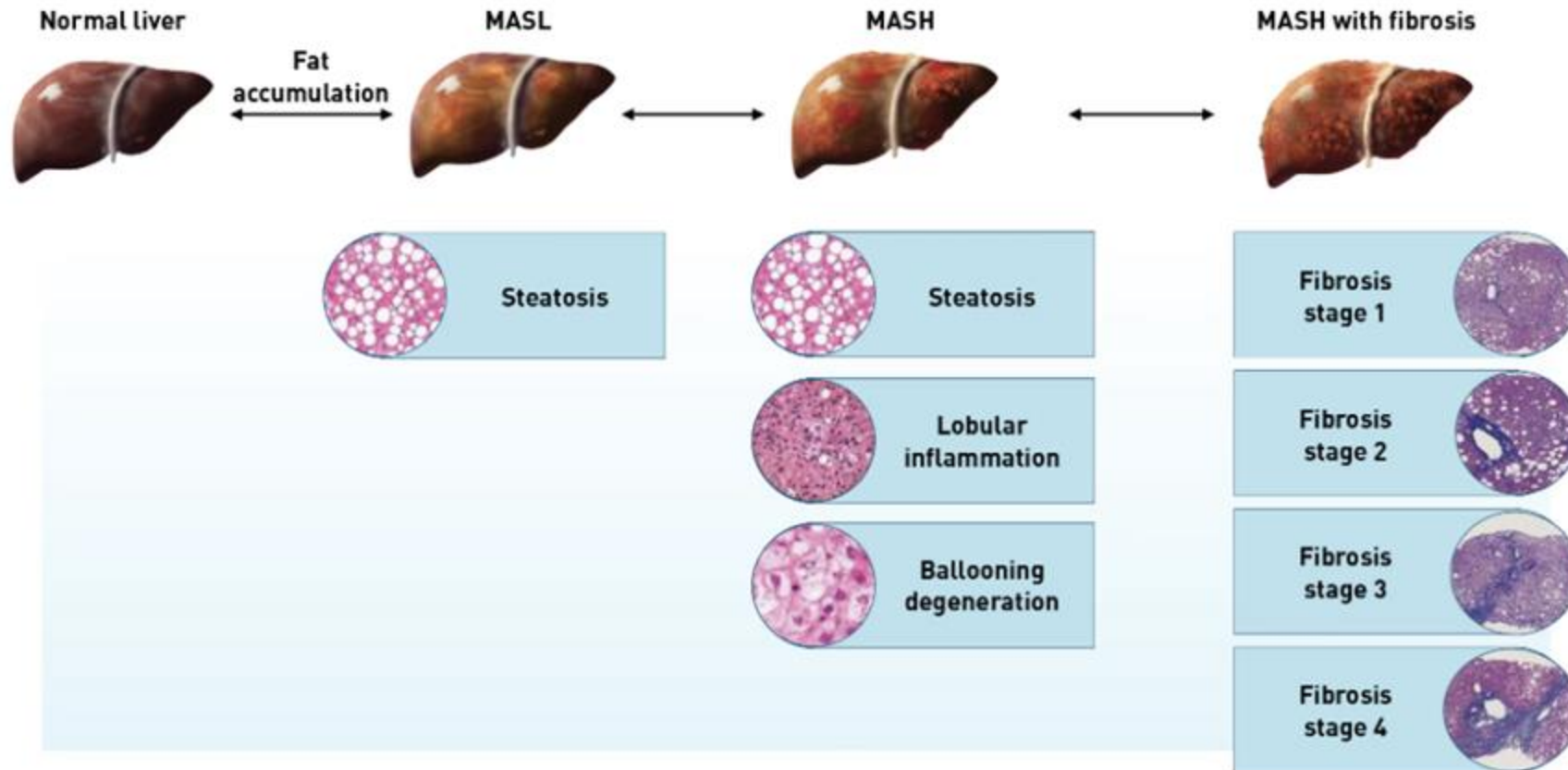
MASLD in Obesity, Diabetes, and Cardiometabolic Disease

Priya Jaisinghani, MD DABOM

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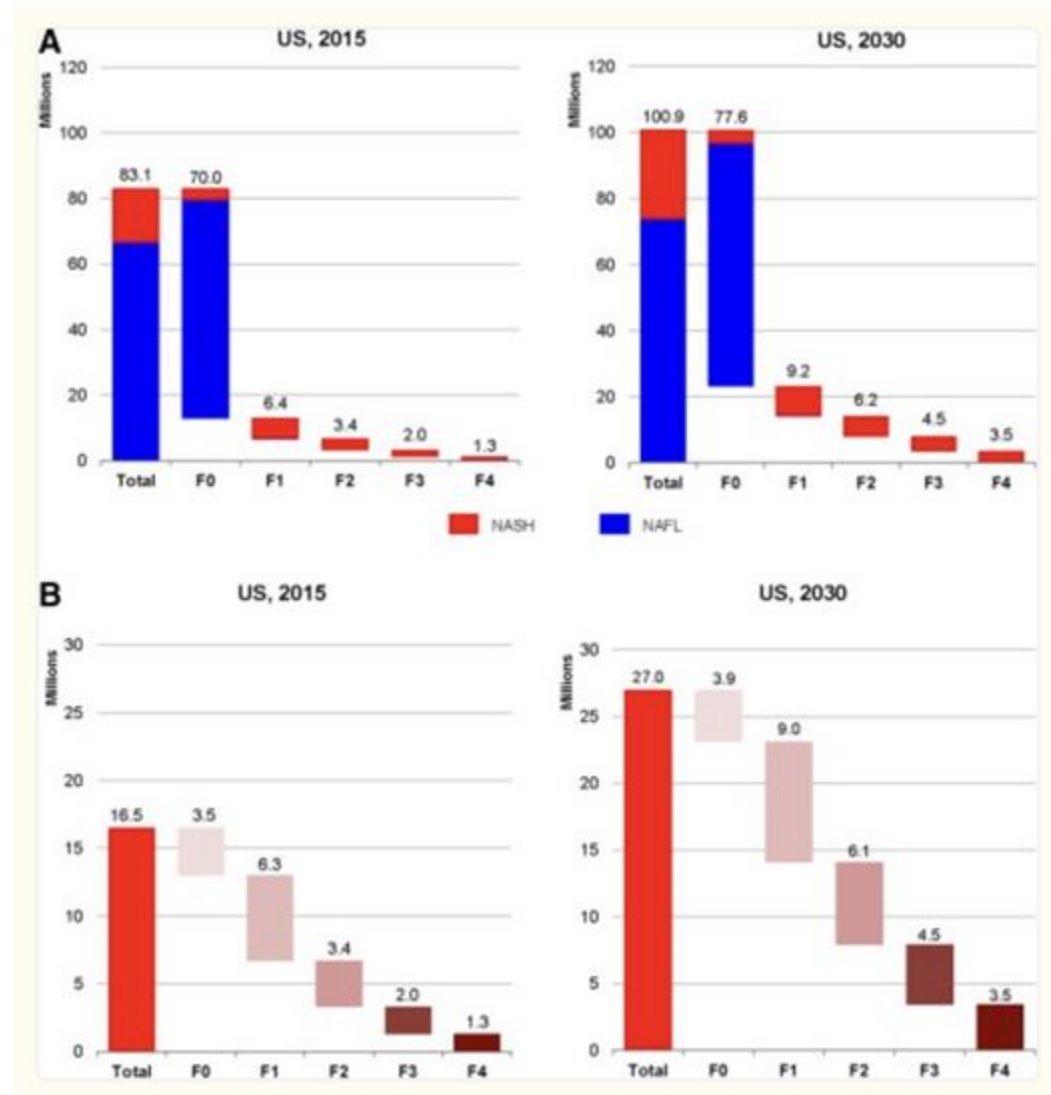
Stages of MASH/ MASLD

FIGURE 1. MASLD Progression⁵⁻¹¹

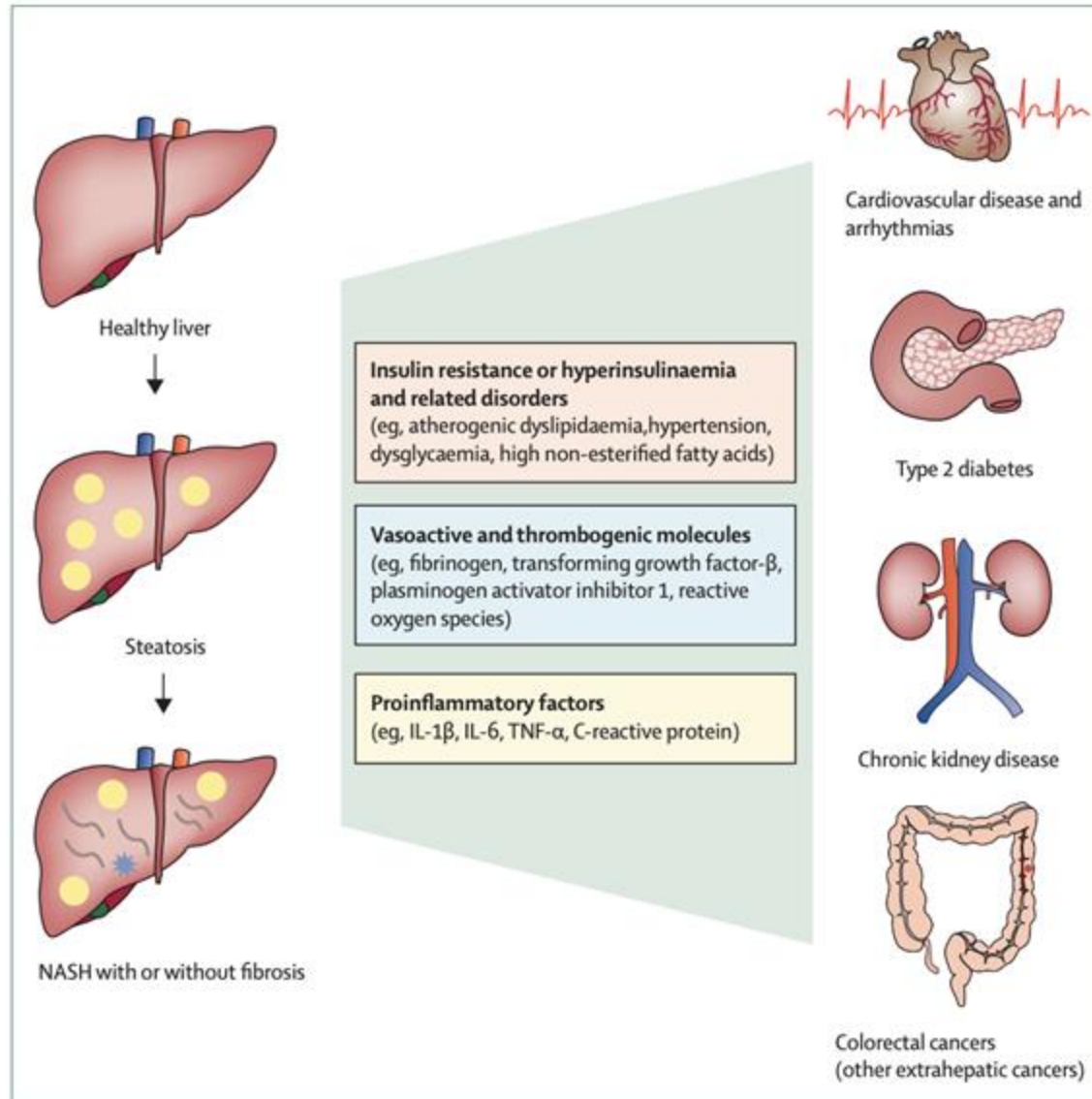


MASH, metabolic dysfunction-associated steatohepatitis; MASL, metabolic dysfunction-associated steatotic liver; MASLD, metabolic dysfunction-associated steatotic liver disease.

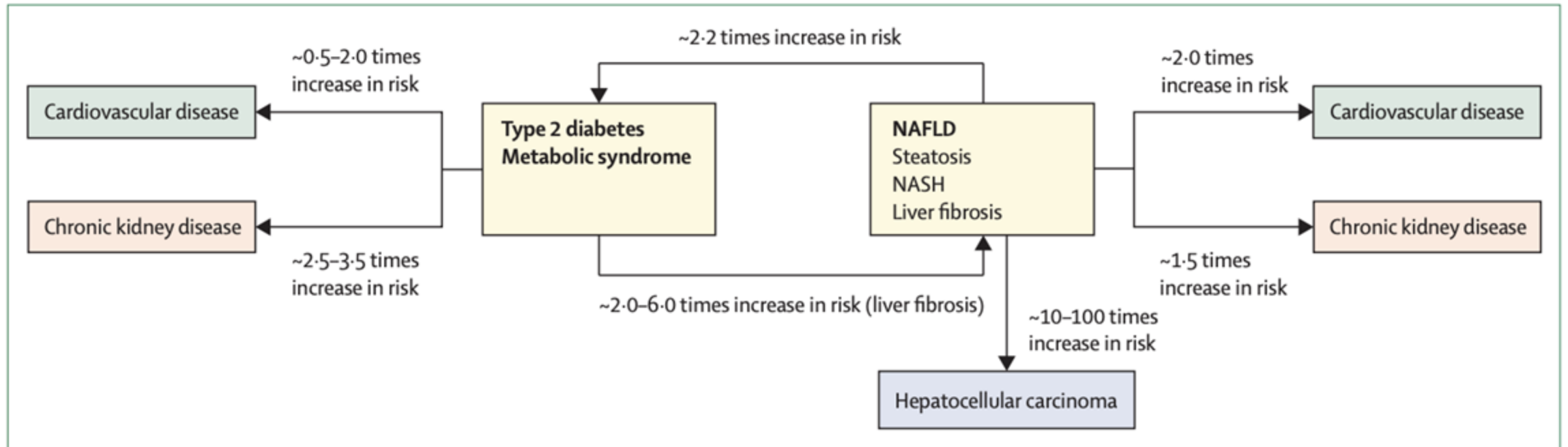
MASLD/ MASH prevalence



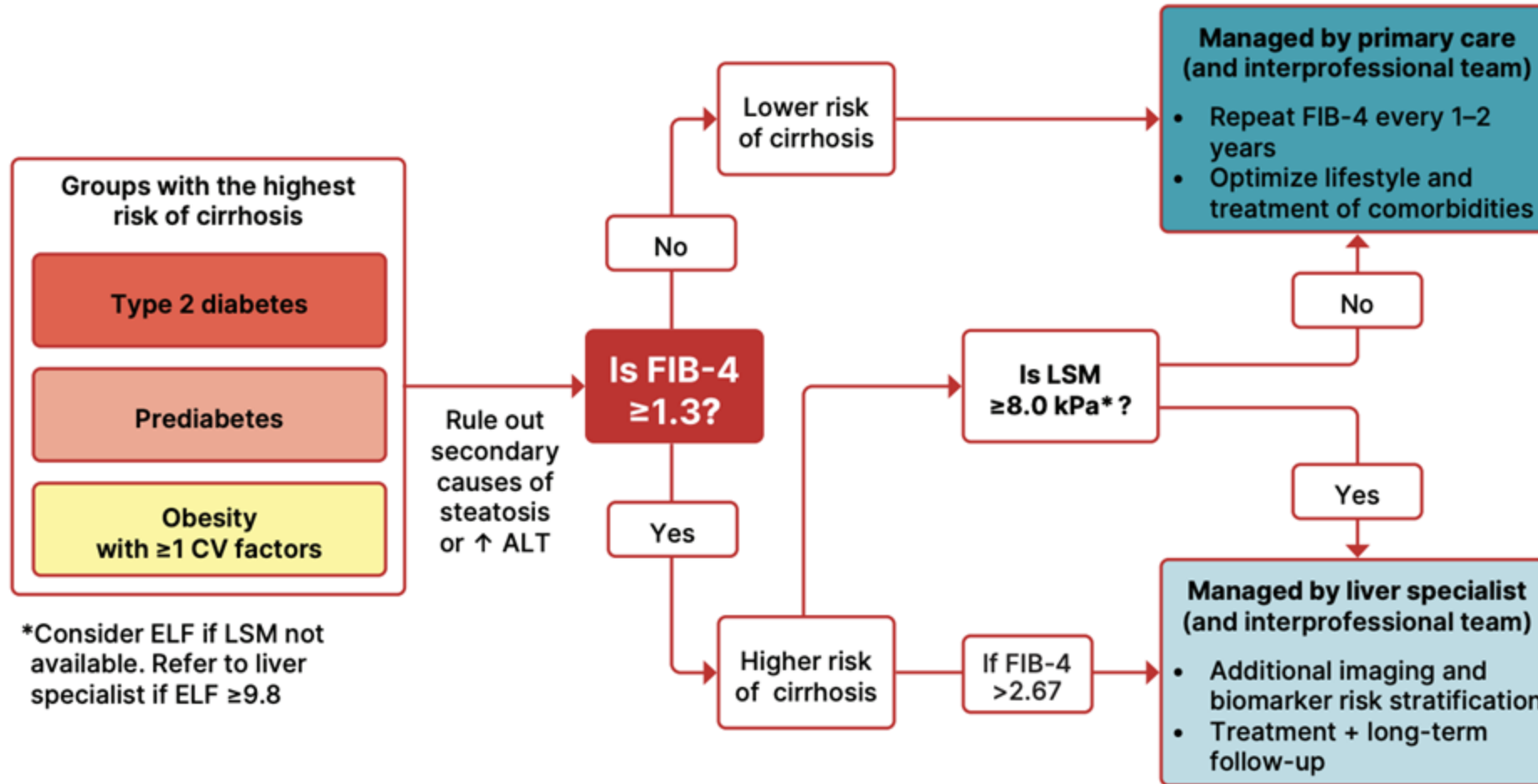
Estes C, Razavi H, Loomba R, Younossi Z, Sanyal AJ. Modeling the epidemic of nonalcoholic fatty liver disease demonstrates an exponential increase in burden of disease. *Hepatology*. 2018 Jan;67(1):123-133. doi: 10.1002/hep.29466. Epub 2017 Dec 1. PMID: 28802062; PMCID: PMC5767767.



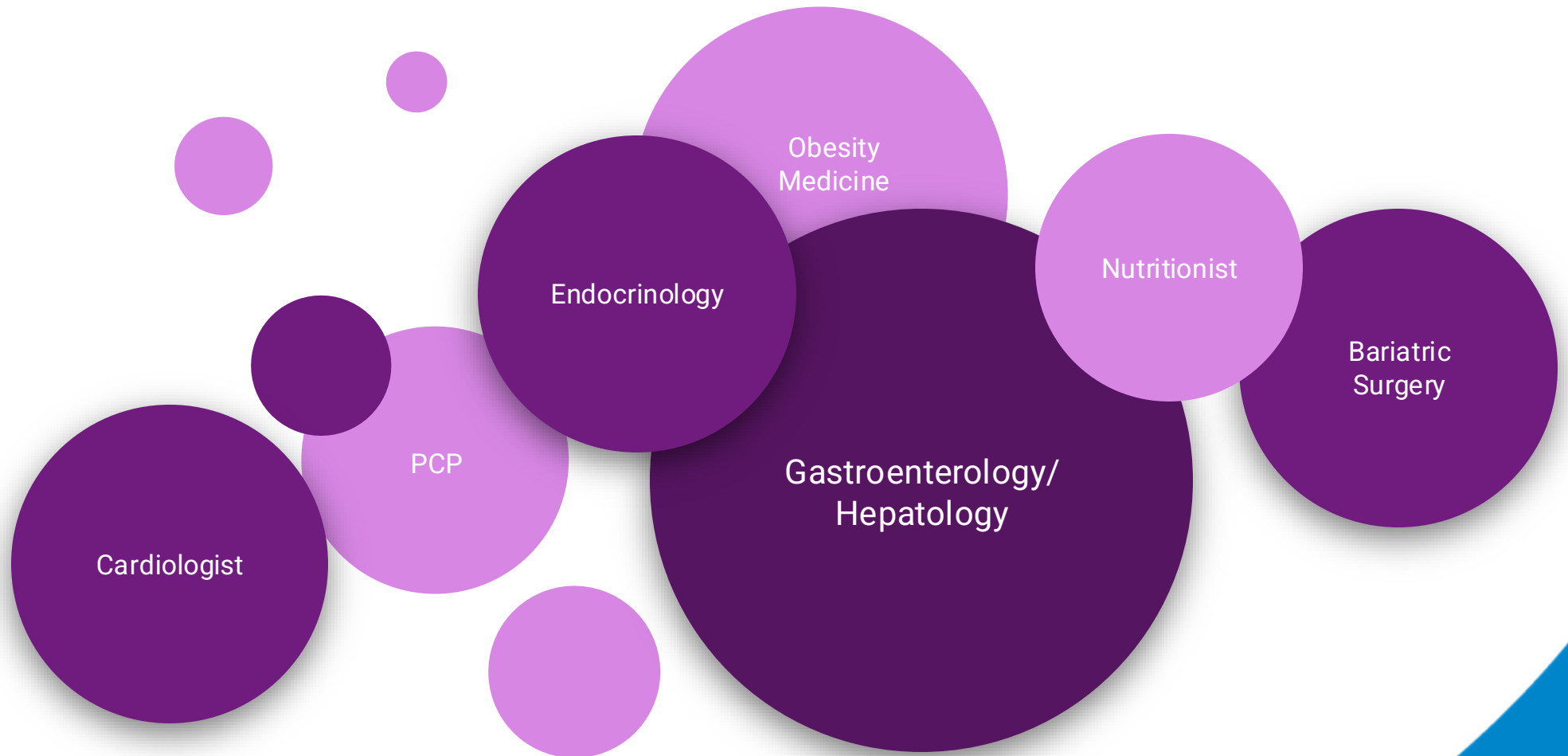
The bidirectional relationship



Who should be screened?

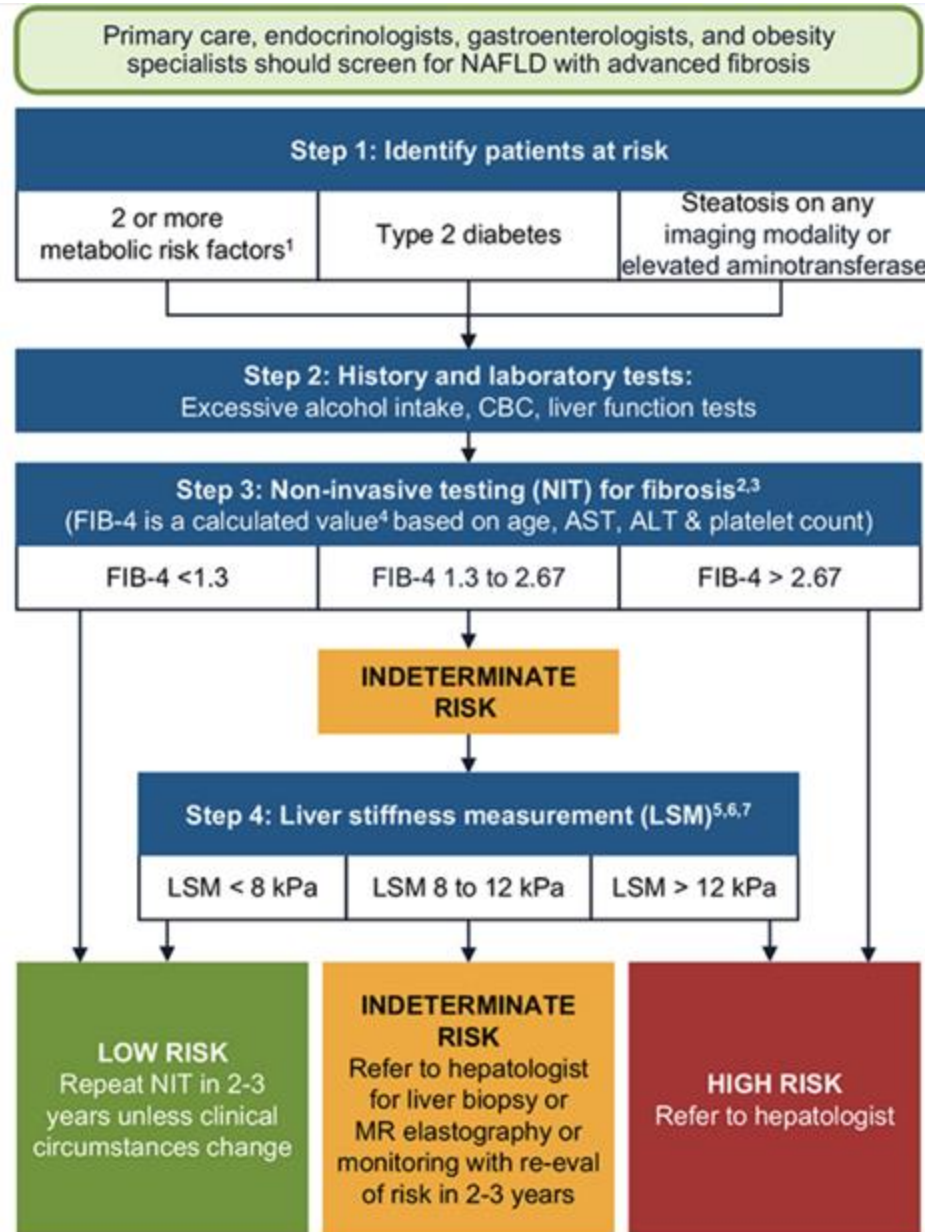


A Multidisciplinary team



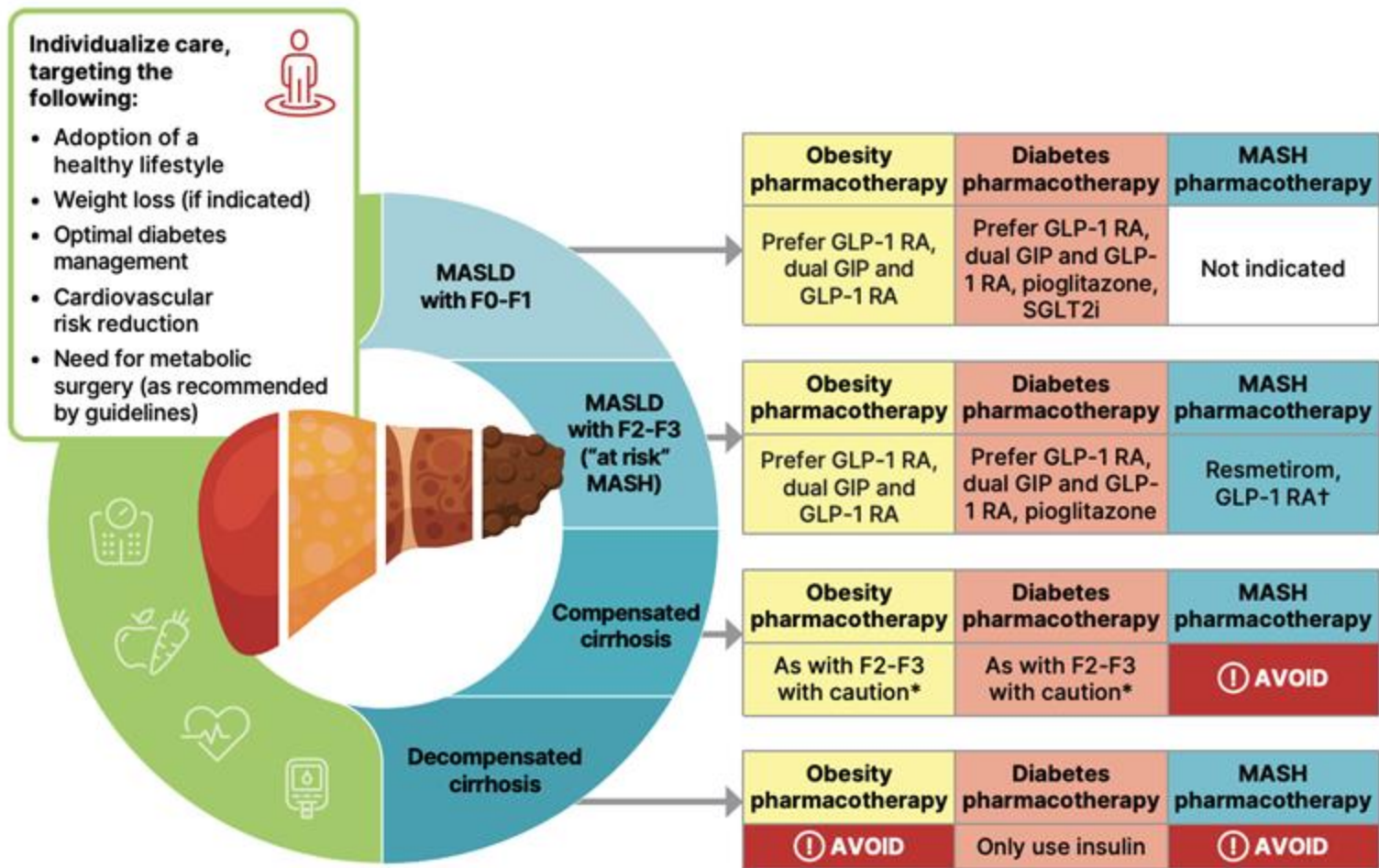
Rinella ME, Neuschwander-Tetri BA, Siddiqui MS, Abdelmalek MF, Caldwell S, Barb D, Kleiner DE, Loomba R. AASLD Practice Guidance on the clinical assessment and management of nonalcoholic fatty liver disease. *Hepatology*. 2023 May 1;77(5):1797-1835. doi: 10.1097/HEP.0000000000000323. Epub 2023 Mar 17. PMID: 36727674; PMCID: PMC10735173.

Screening



Treatment

Metabolic dysfunction–associated steatotic liver disease (MASLD) treatment algorithm



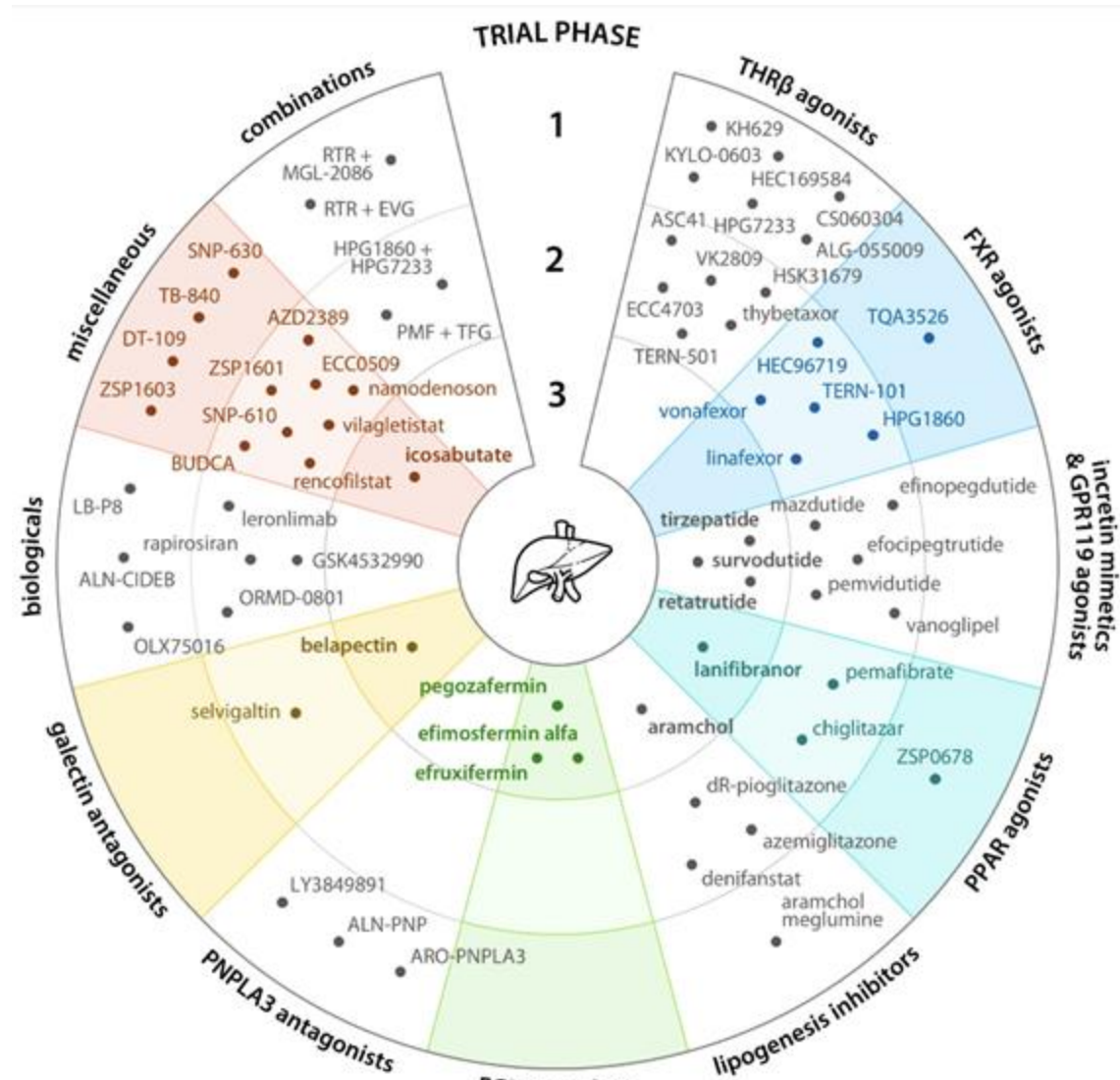
† Only semaglutide among GLP-1 RAs has been approved by the FDA for treatment of MASH.

* Individualized care and close monitoring needed in compensated cirrhosis given limited safety data available.

Latest Pharmacotherapy

Medication	Mechanism	Study	Study Results
Semaglutide 2.4	GLP1 RA	ESSENCE	62.9% semaglutide 2.4 mg vs 34.3% for placebo resolution without worsening of liver fibrosis 36.8% for semaglutide vs 22.4% for placebo reduction in liver fibrosis without worsening of steatohepatitis
Resmetirom	THR B Agonist	MAESTRO NASH	25.9% and 29.9% of patients achieved NASH resolution with no worsening of fibrosis vs 9.7% in the placebo group 24.2% and 25.9% of patients achieved fibrosis improvement by at least one stage

What does the future hold?



Thank you!