Engaging in Your MASLD Care



Successful treatment of metabolic dysfunction-associated liver disease (MASLD)/metabolic dysfunction-associated steatohepatitis (MASH) requires a lifelong commitment to better health. Here are several items to help better understand this condition and steps that can be taken to improve the care and management of individuals with MASLD/MASH.

MASLD is a condition where excess fat builds up in the liver. There are 2 types of MASLD:

AND

MASL **Metabolic**

dysfunction-associated steatotic liver

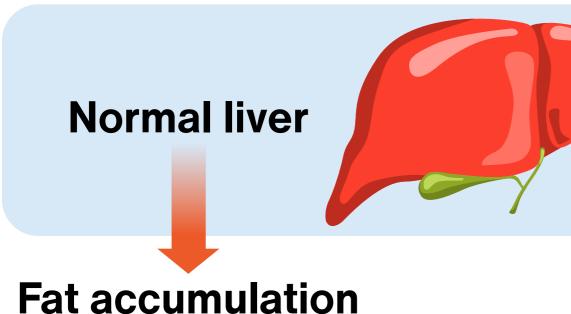
- Fat accumulates in the liver cells with little or no inflammation present Patients have at least 1
- metabolic risk factor

Metabolic

MASH

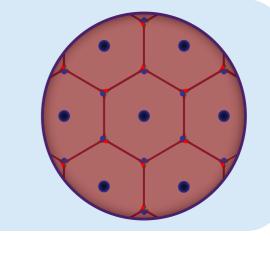
dysfunction-associated steatohepatitis Fat accumulates in the liver

- cells with inflammation and liver damage present Permanent liver damage can
- occur from fibrosis scarring due to MASH



Healthy liver cells

Histology



MASH



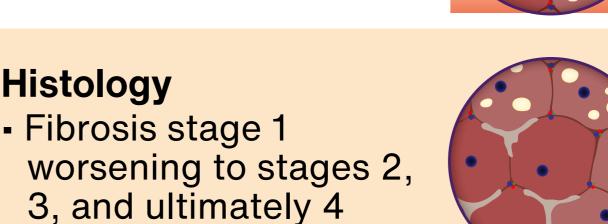
Steatosis

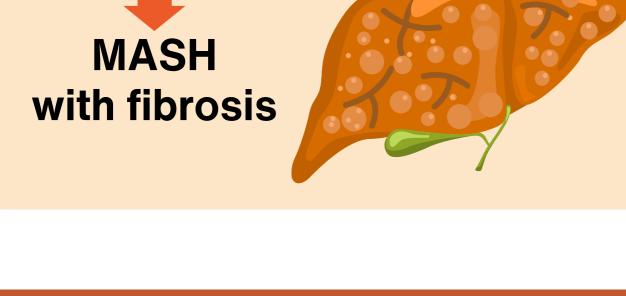
Histology

Histology Steatosis Lobular inflammation

(cirrhosis)

- Ballooning
- Histology





Ask your doctor to share test results

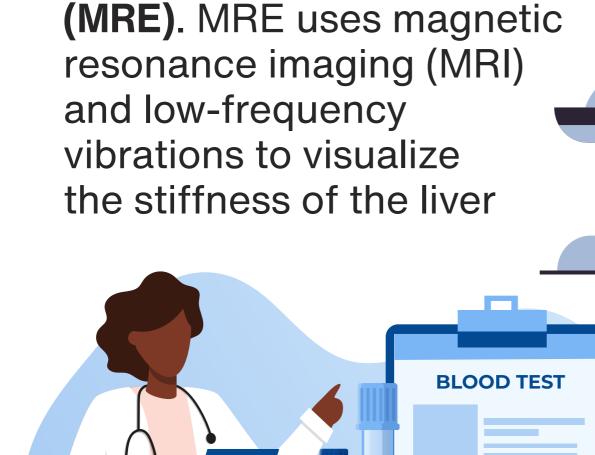
Steps to Better Care

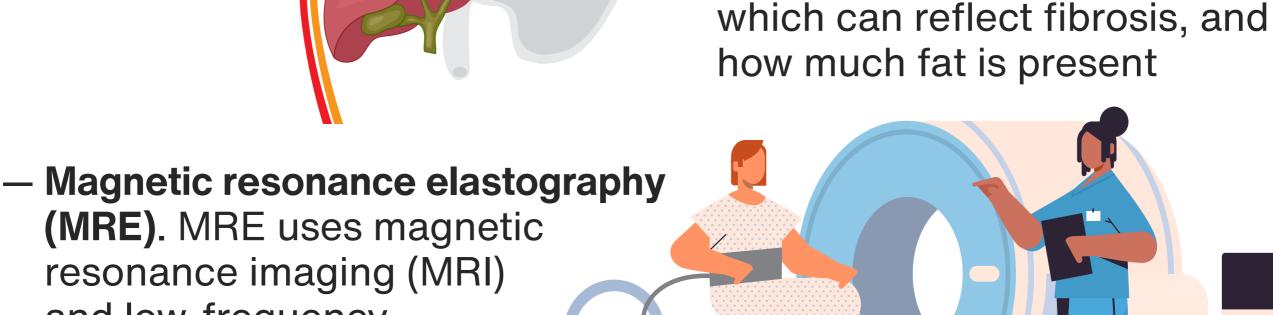
Several tests are used to track MASLD. Knowing your test values can help you to understand the severity of your disease and set goals for

better health Common tests include

- Fibrosis-4 (Fib-4). This score is calculated based on age, alanine

- aminotransferase (ALT), aspartate aminotransferase (AST), and
 - platelet count to predict the presence of advanced fibrosis Vibration-controlled transient elastography (VCTE). This test





measures how stiff your liver is,

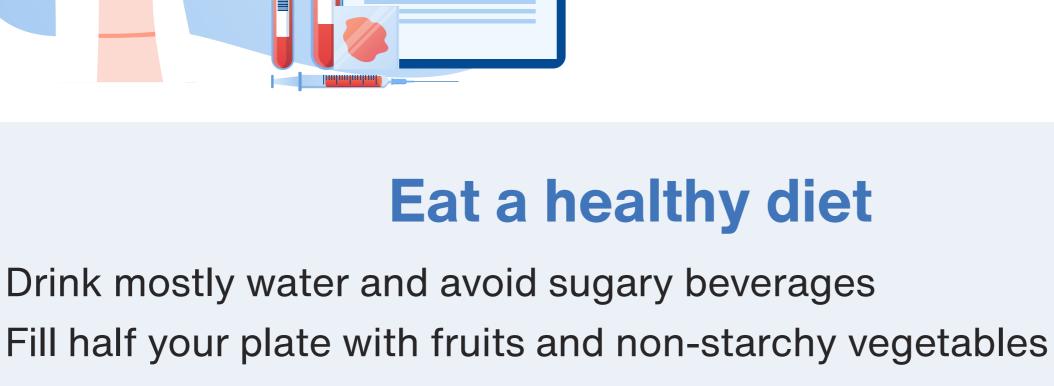


test used to detect advanced

Whole wheat

other whole

fibrosis/cirrhosis



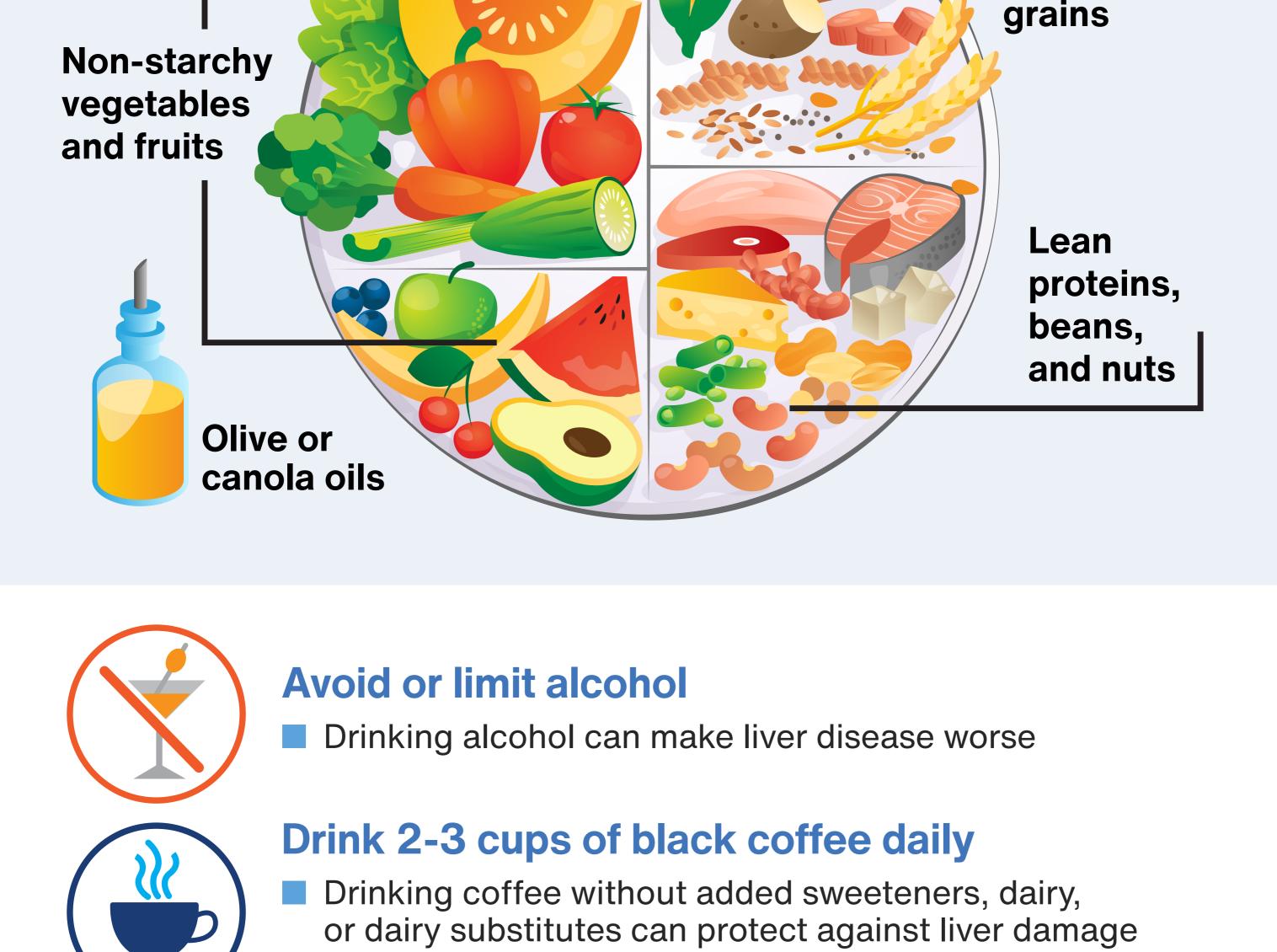
limit red and processed meats Select whole grains such as brown rice and whole-wheat pasta;

Choose lean proteins such as fish, poultry, beans, and nuts;

limit portion sizes

Water instead

- Choose olive or canola oil for salads and cooking; limit butter and avoid trans fat
- pasta and of sugary bread, brown drinks rice, and





Engage in physical activity for at least 30 minutes each day Include resistance training to support your muscle health

2-3 times per week

Quit smoking

Exercise regularly

in patients with MASLD

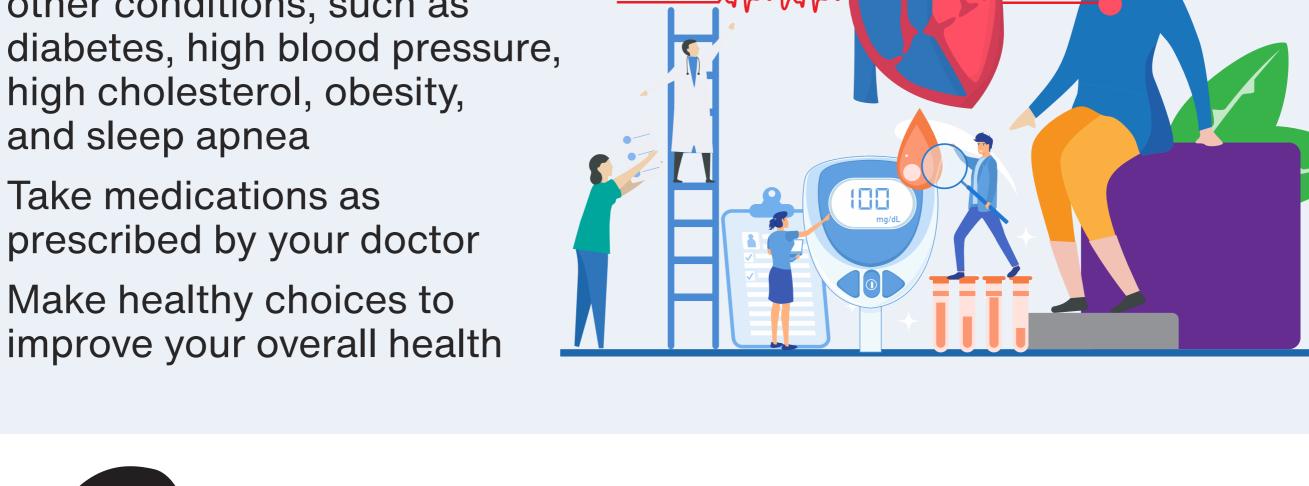
the risk of liver disease

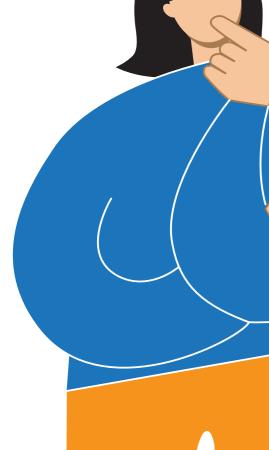
Smoking, including secondhand smoke, increases

Manage other health conditions MASLD is often associated with other conditions, such as

high cholesterol, obesity, and sleep apnea

- When deciding if additional treatment is





best for you, consider:

- What side effects should I expect? What should I do if I experience side effects?
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Loomba R, et al. *Hepatology*. 2014;60:1920-1928. National Institute of Diabetes and Digestive and Kidney Diseases. Definitions and facts of NAFLD and NASH. Reviewed April 2021. https://www.niddk.nih.gov/health-information/liver-disease/nafld-nash/definition-facts

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How will this treatment improve my health?