### The Role of Primary Care Providers in the Early Identification of Patients with MASLD

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#### Disclosure

Advisory Board: Boehringer Ingelheim; Madrigal;

Novo Nordisk

Consultant: Boehringer Ingelheim; Novo Nordisk

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### Learning Objectives

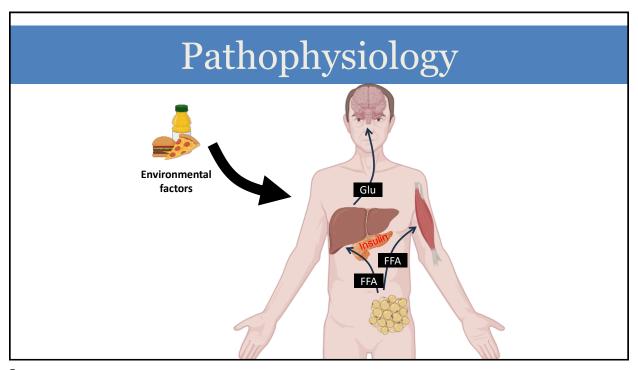
- 1. Discuss the pathogenesis, systemic nature, and epidemiology of MASLD.
- 2. Define the subpopulations of patients at high risk of progressive liver disease who would benefit from screening for liver fibrosis.
- 3. Describe the appropriate diagnostic approach to screen for liver disease among patients at high risk of liver disease in the primary care setting.

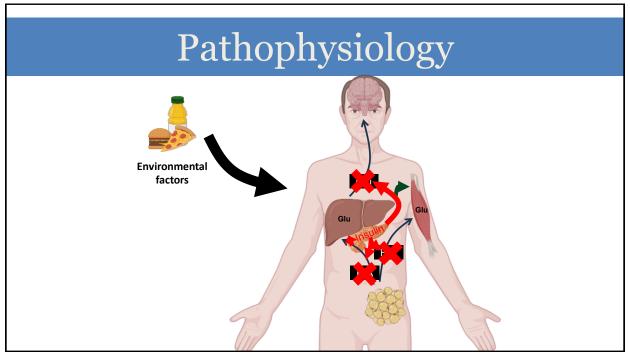
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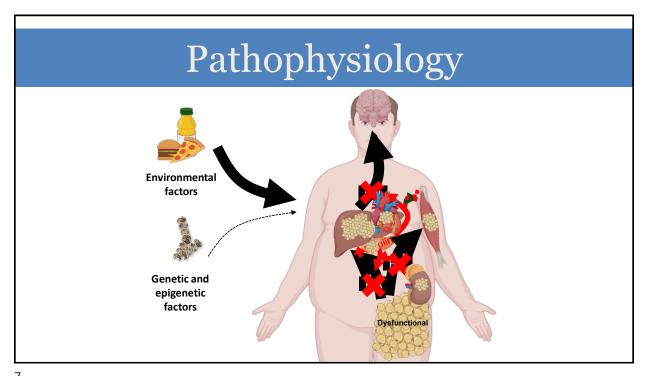
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### Outline

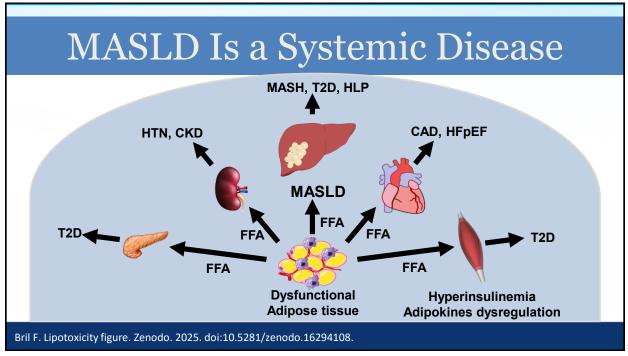
- 1. MASLD as a systemic disease
- 2. Definitions and magnitude of the problem.
- 3. The metabolic consequences of MASLD.
- 4. Diagnostic approach and screening.

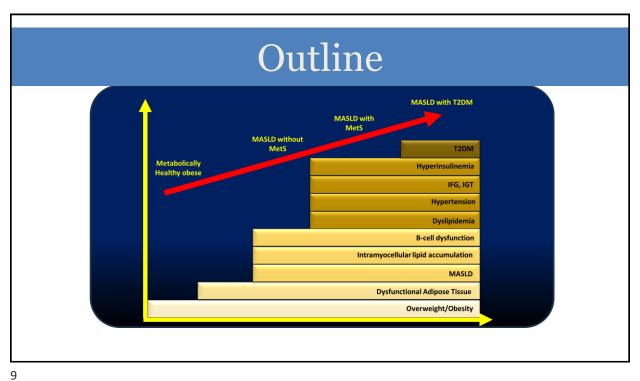


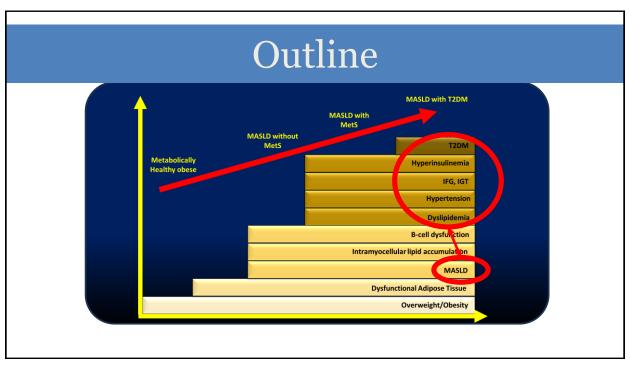


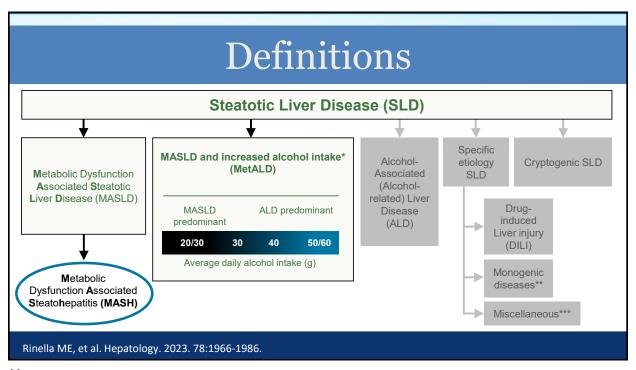


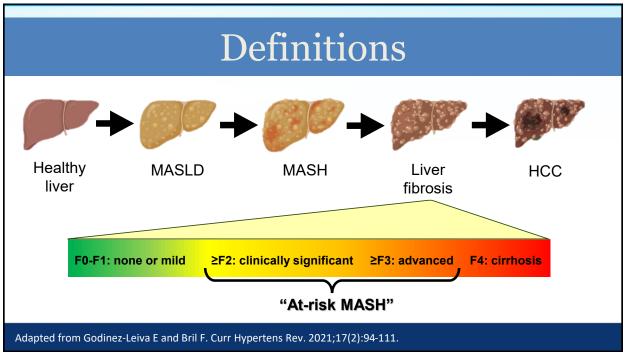
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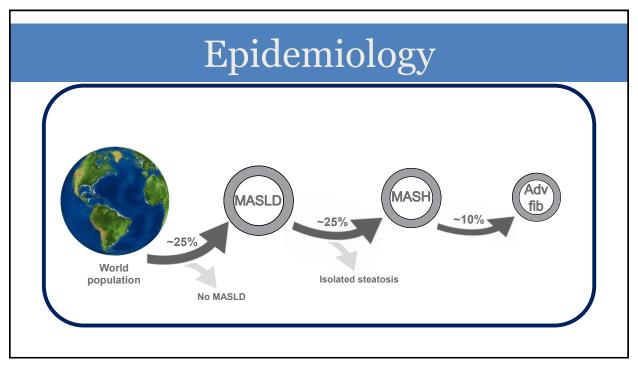


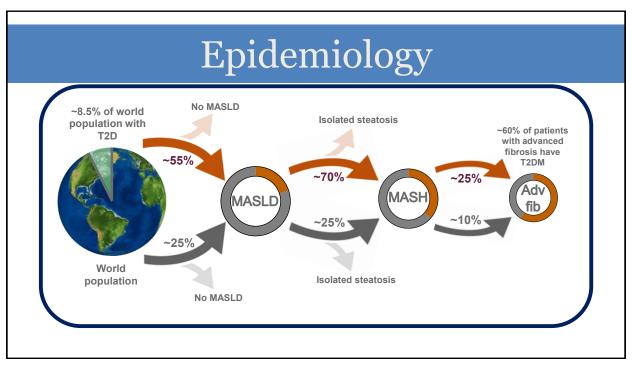






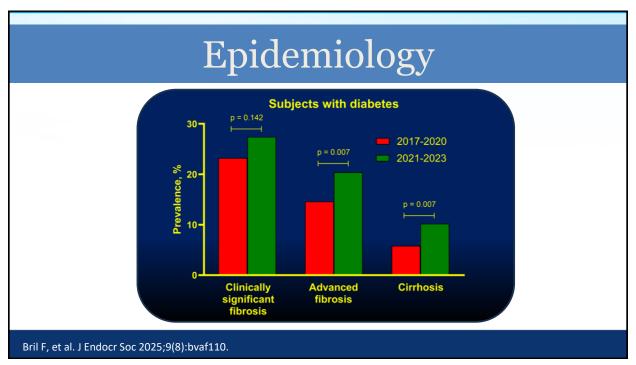


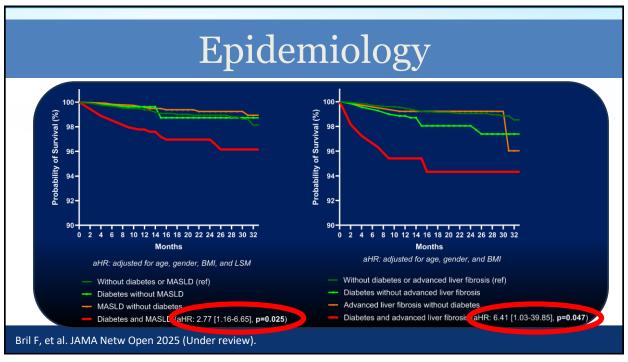


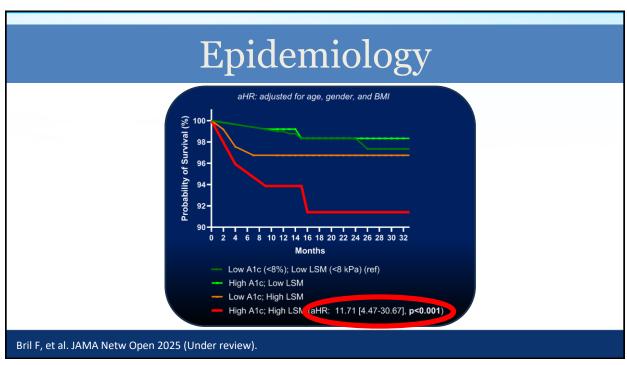


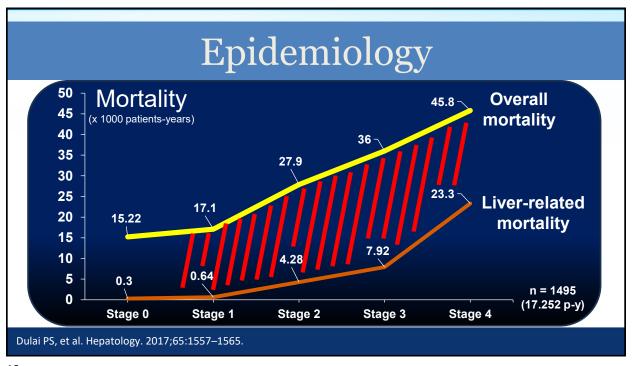
# Epidemiology

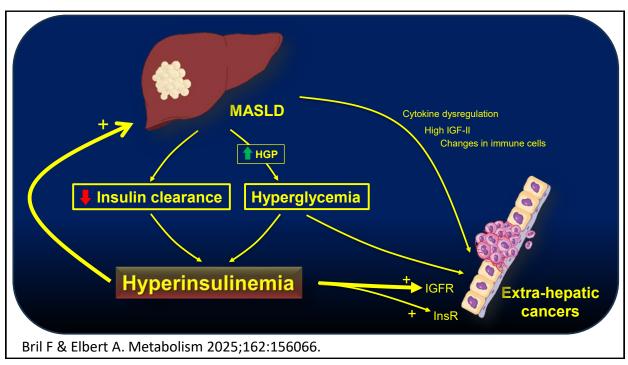
If you saw ELEVEN patients with T2D last week, and you did not diagnose ONE with advanced fibrosis, you may have missed it.

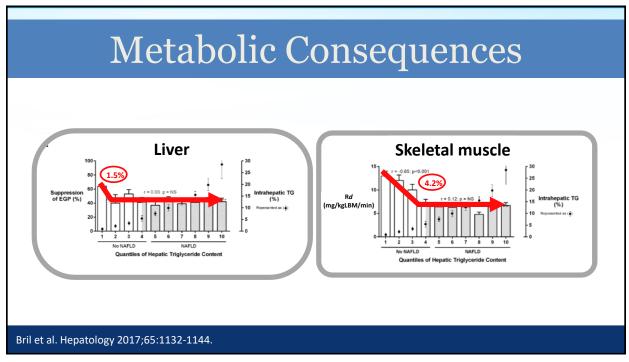


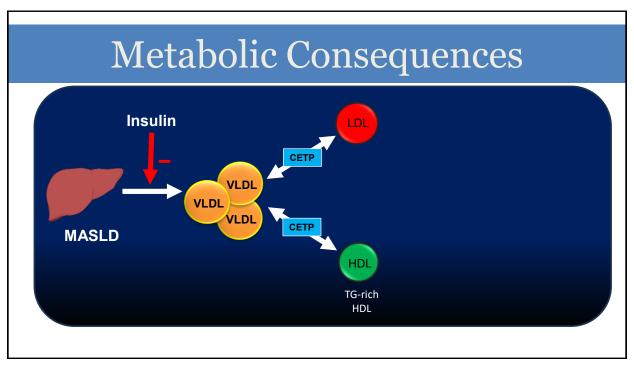


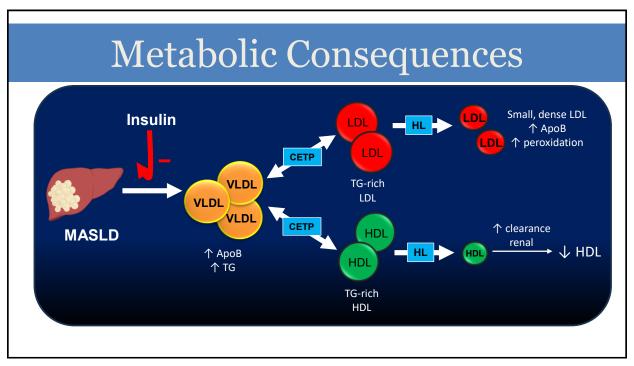


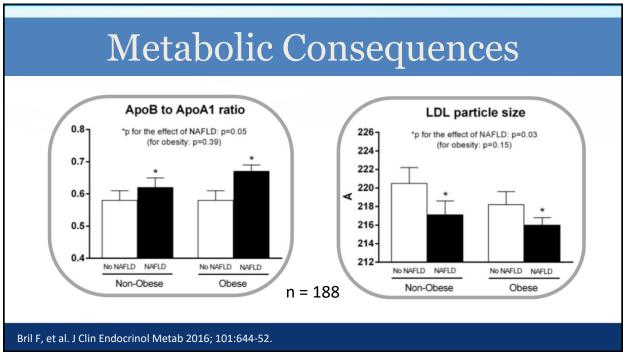


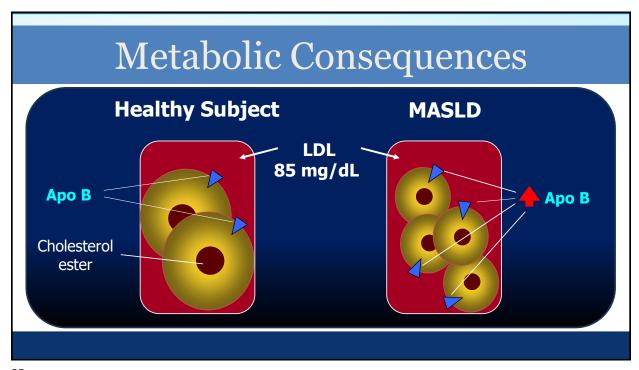


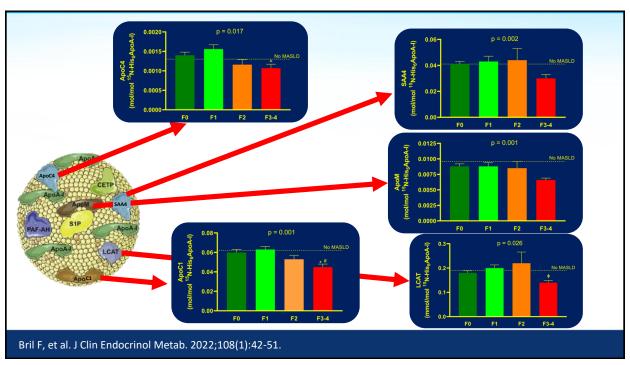


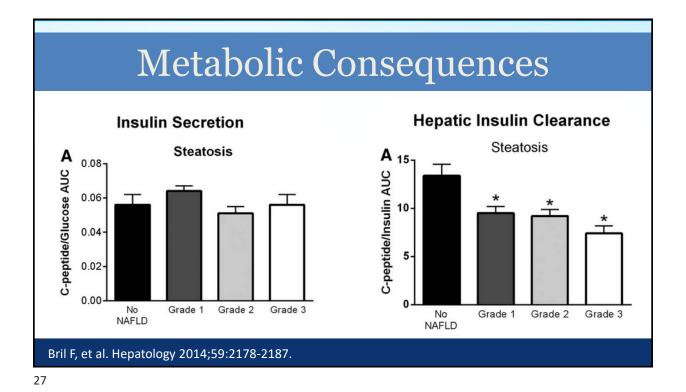


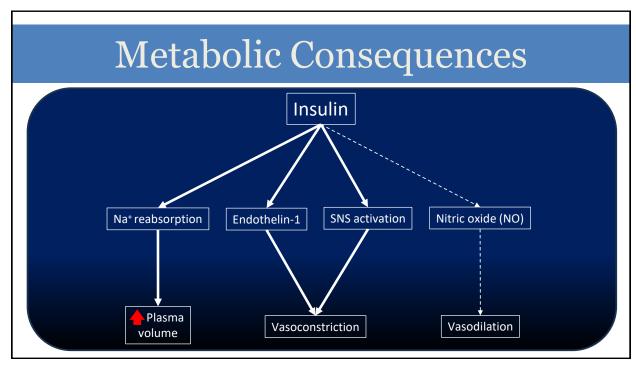


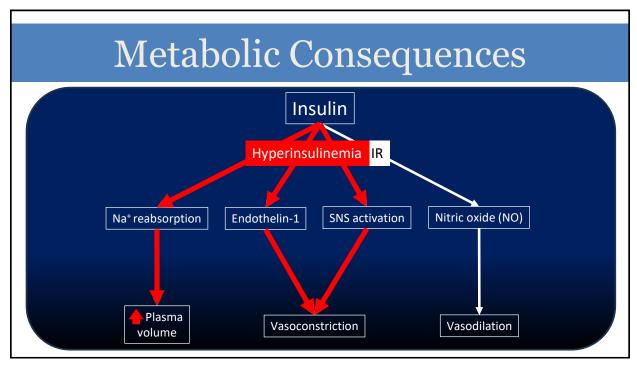


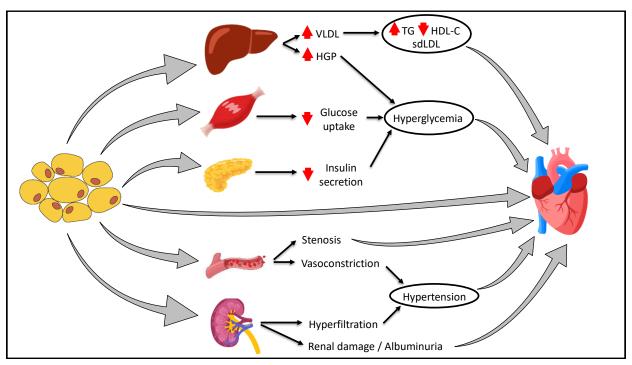


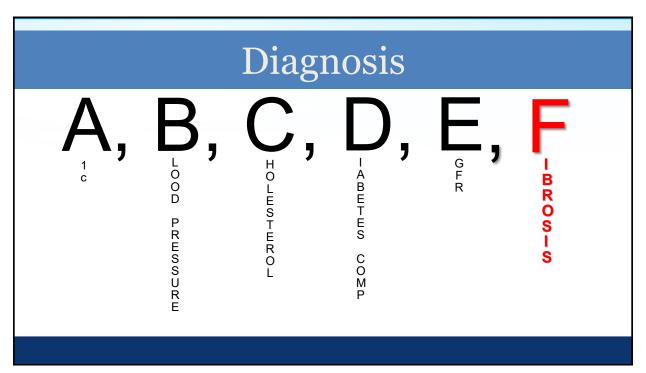


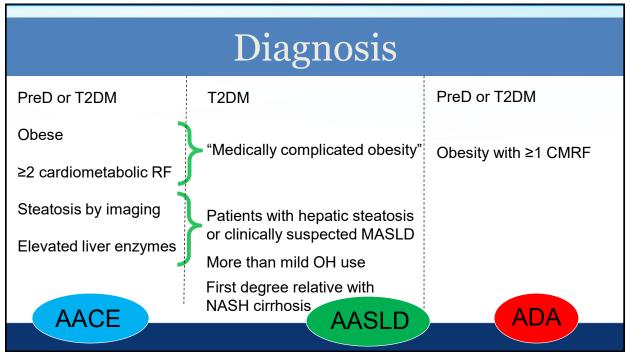


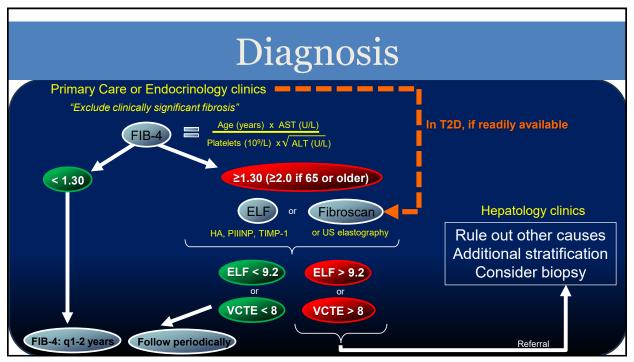


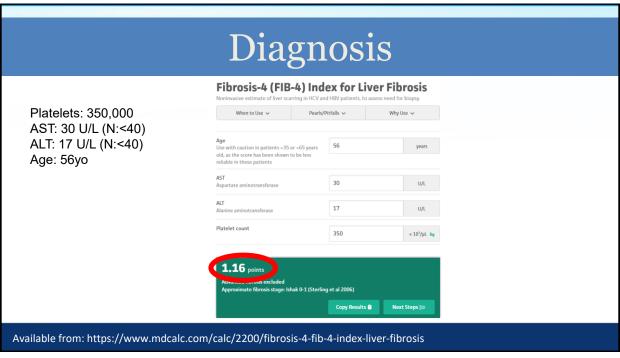


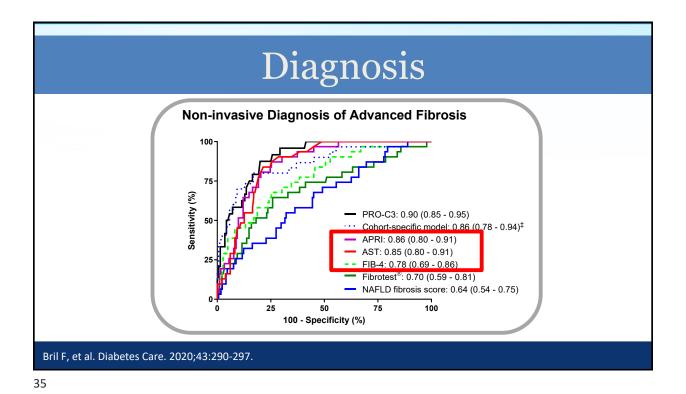


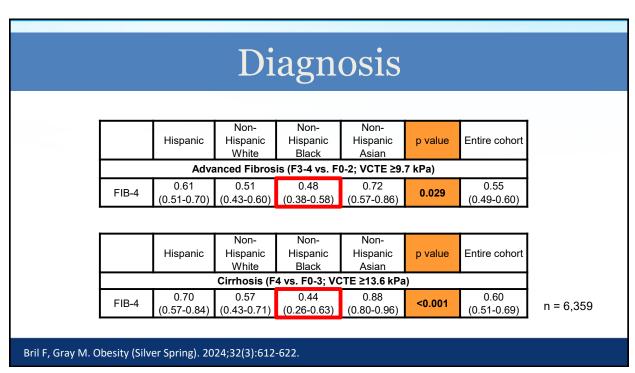


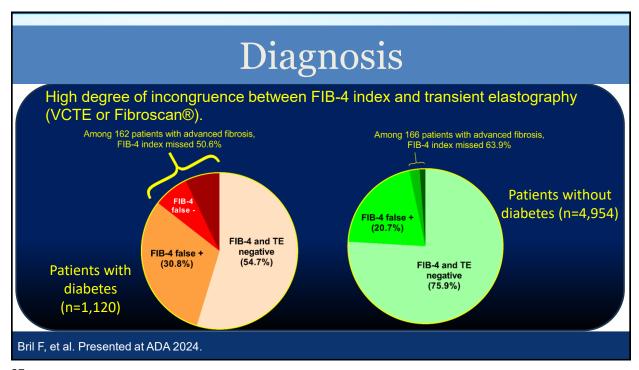


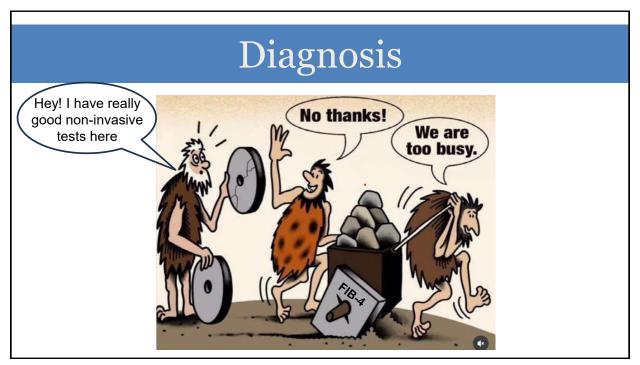


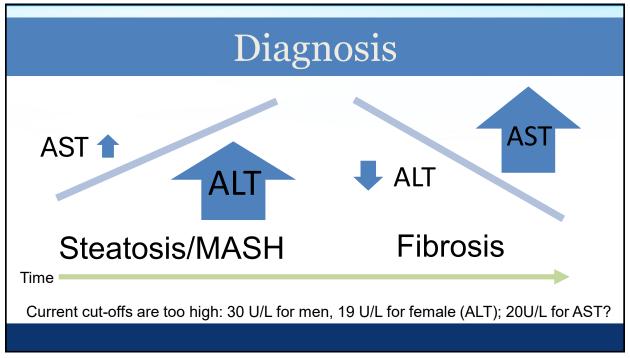






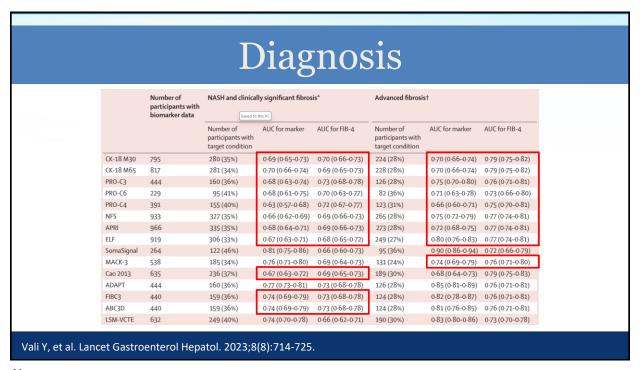


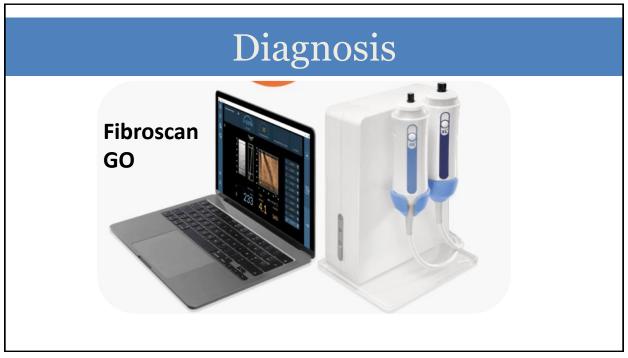


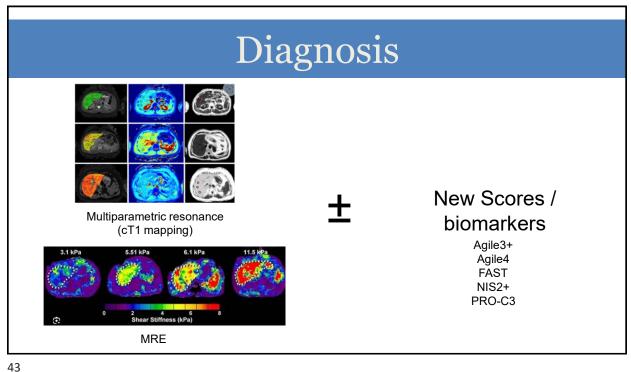


# Diagnosis

- Assess for excessive alcohol use (e.g., AUDIT-C & follow up questions<sup>1</sup>)
- Consider medications (e.g., estrogen, steroids, amiodarone, methotrexate, etc.)
- HCV antibody with reflex testing of HCV RNA
- Consider HBsAg, HBsAb, HBcAb<sup>2</sup>
- Consider ANA, AMA, ASMA, immunoglobulins
- Ferritin and transferrin saturation
- Ceruloplasmin
- A1AT







#### Conclusions

- 1. MASLD is a systemic disease; mostly a metabolic condition.
- 2. Highly prevalent; progressive.
- 3. Early diagnosis is key.
- 4. Primary care providers are at center stage in diagnosing (and treating) these patients.

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