

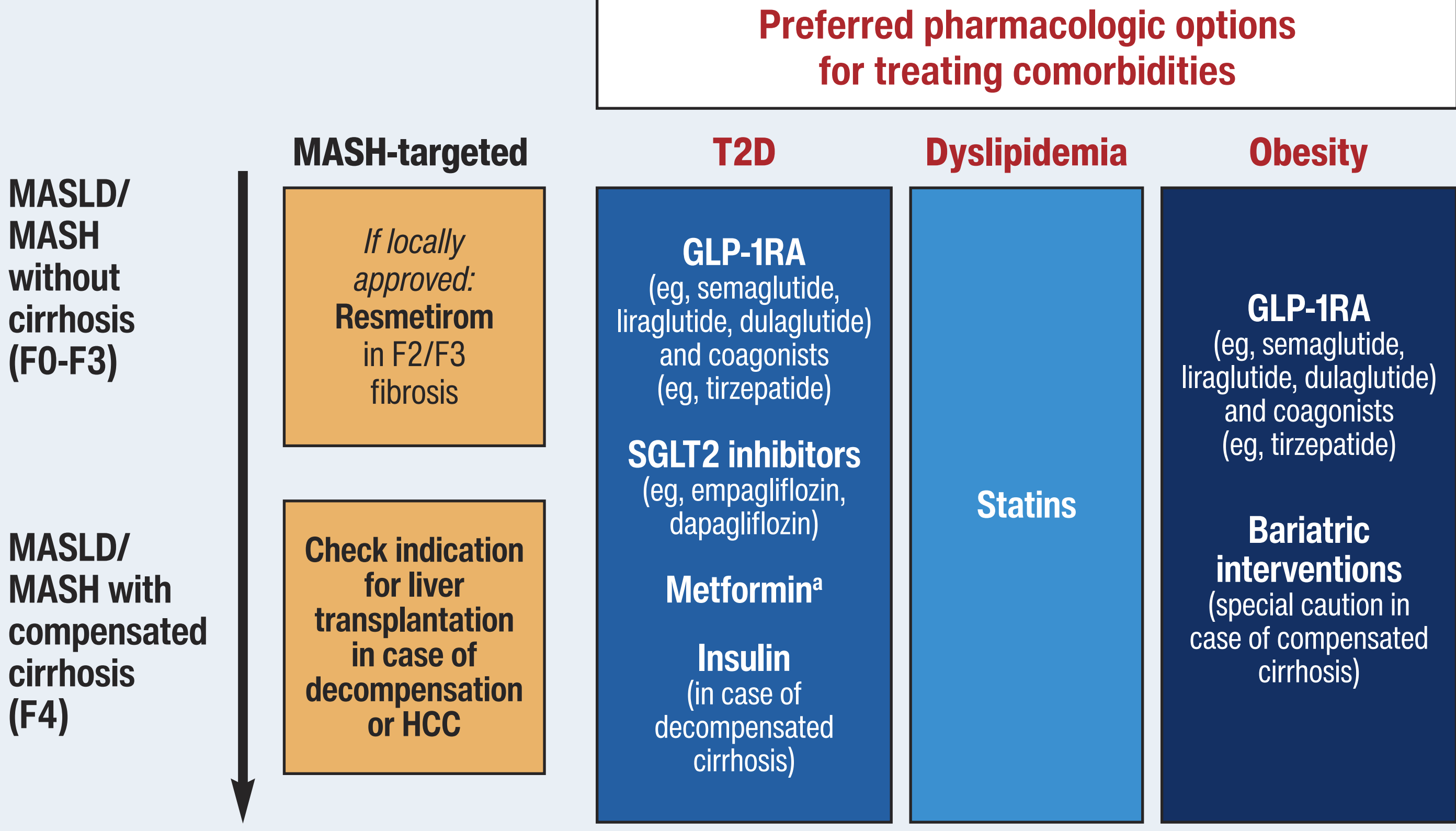
# Guidelines at a Glance:

## Contemporary Recommendations for the Use of Disease-Specific MASH Treatments



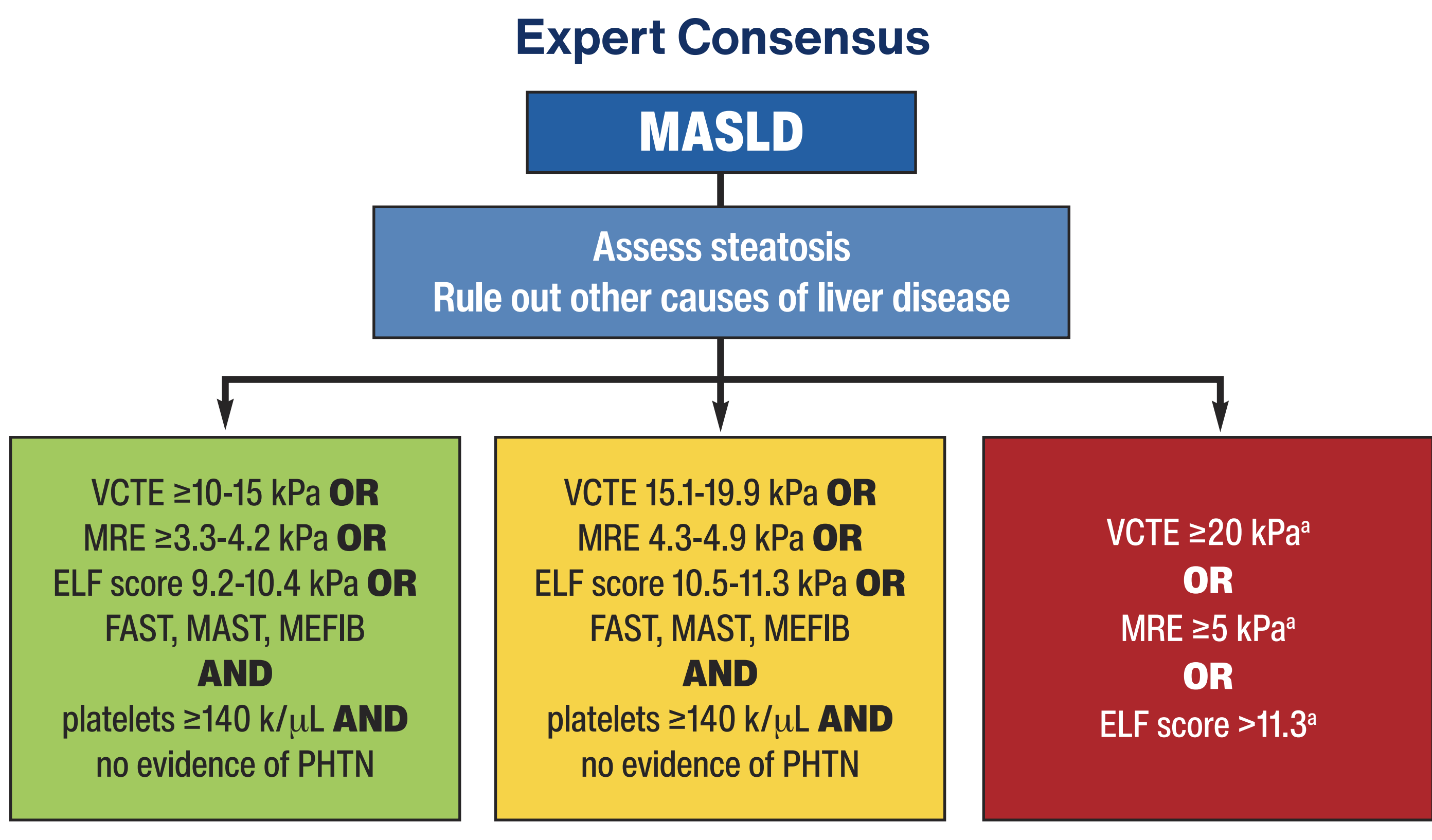
Treatment of MASH includes comprehensive lifestyle modifications (nutrition, exercise, and behavior modification) and optimal control of comorbid conditions. Some patients may benefit from MASH-specific therapy to improve outcomes.

### EASL-EASD-EASO Guidelines for Therapeutic MASH Management



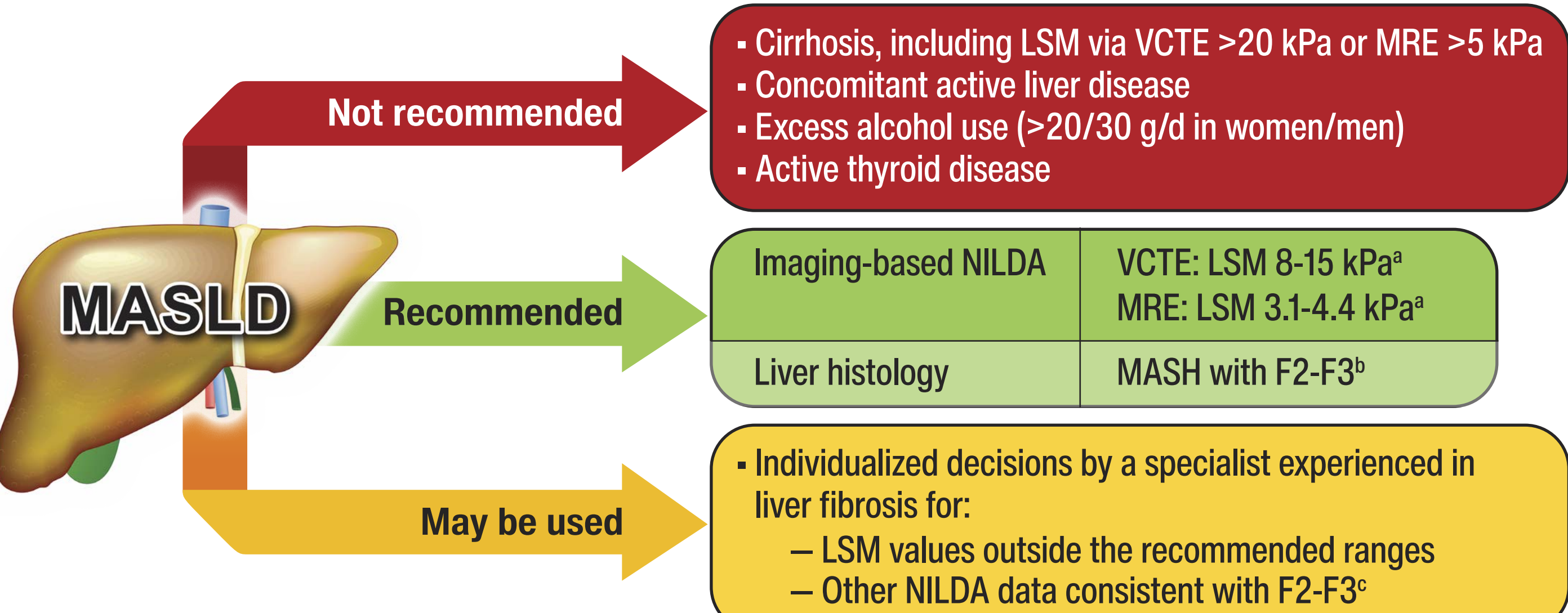
<sup>a</sup>If glomerular filtration rate is >30 mL/min.

### Patient Selection for Resmetirom Therapy



<sup>a</sup>If biopsy is performed and liver histology demonstrates Stage 2 or 3 disease, treatment is appropriate, as long as there is no clinical or imaging evidence of PHTN (eg, ascites apparent on imaging, gastroesophageal varices, history of hepatic encephalopathy).

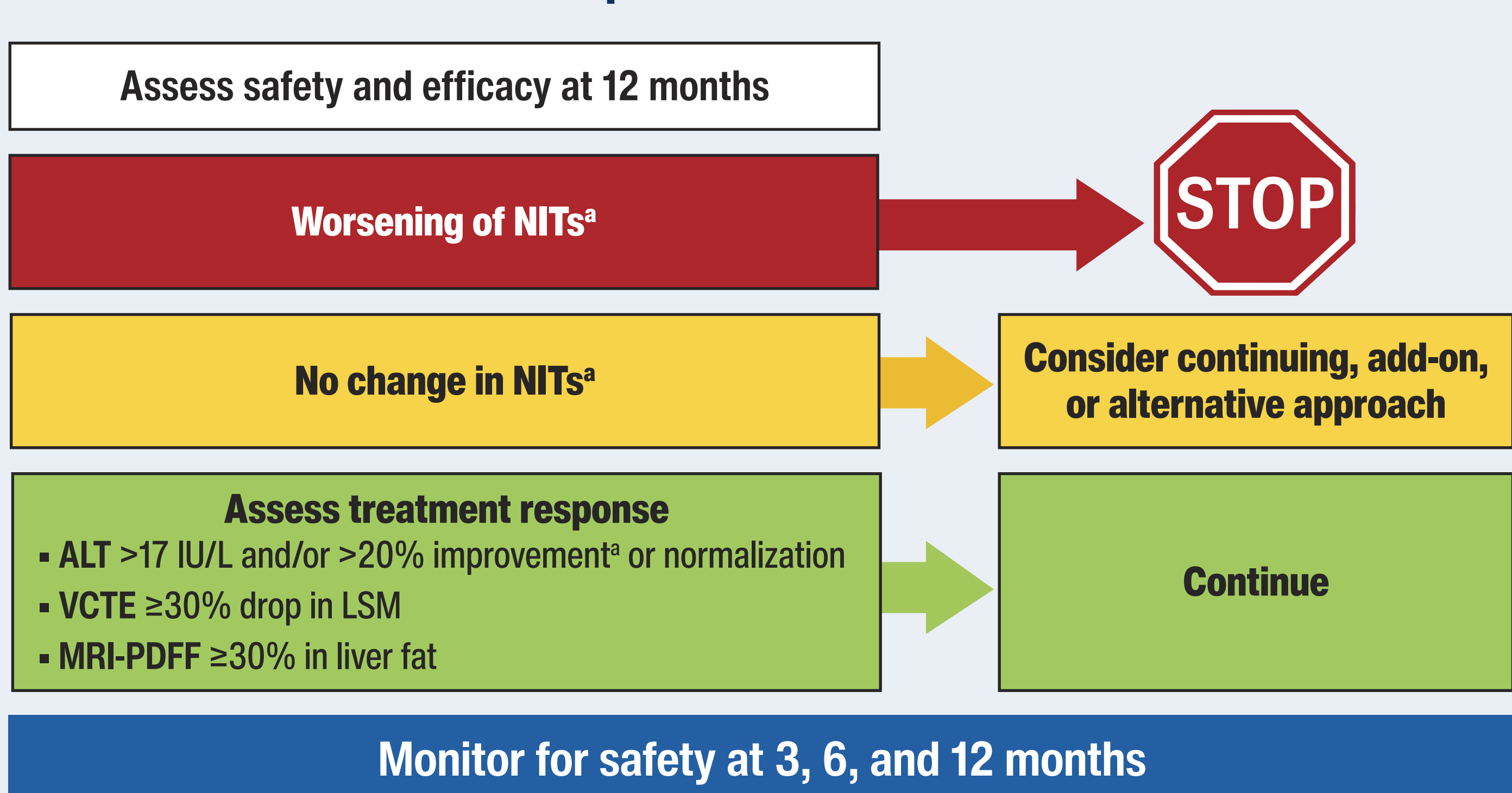
### AASLD Guidance



<sup>a</sup>Modified from the AASLD NILDA guidelines.  
<sup>b</sup>Liver biopsy is not routinely recommended for staging of MASH.  
<sup>c</sup>Imaging-based NILDA is preferred (eg, shear wave elastography [applying local standards for F2-F3]) vs ELF score (9.2-10.4). The latter range is based on the IQR from the MAESTRO trial data; no recommendations are available from the AASLD NILDA guidelines.

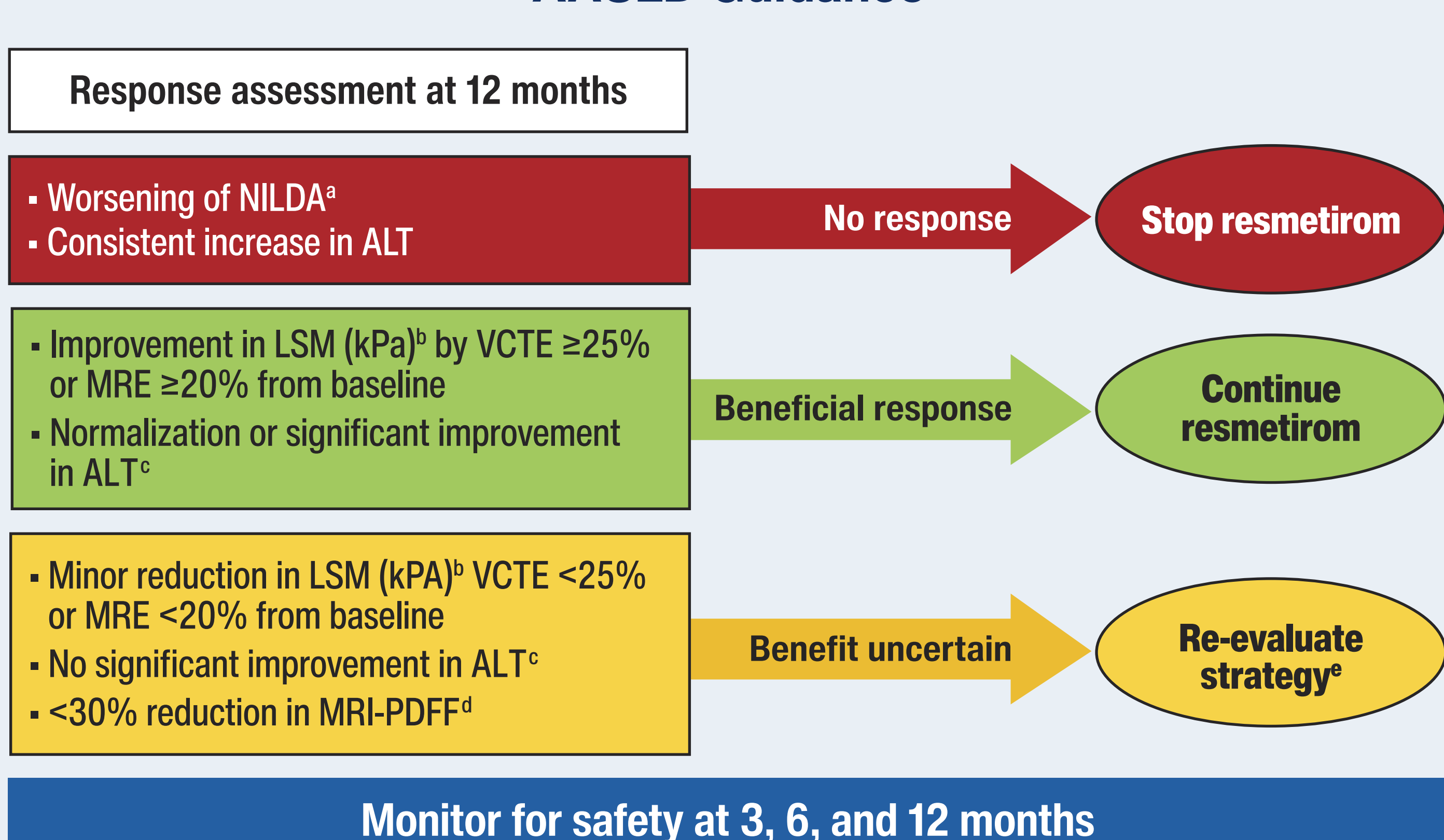
### Resmetirom Treatment Monitoring

#### Expert Consensus



<sup>a</sup>ALT improvement should be accompanied by improvement in imaging (≥30% reduction in MRI-PDFF). If no improvement in ALT, ≥30% reduction in PDFF can still be predictive of response. VCTE alone may be inadequate to assess treatment response. Based on MAESTRO NASH, histologic improvements may occur without corresponding changes in VCTE or liver enzymes, emphasizing the importance of considering MRI-PDFF or liver biopsy before labeling patients as unresponsive to treatment.

### AASLD Guidance



<sup>a</sup>Assess based on the same imaging-based or blood-based markers used to determine treatment eligibility.  
<sup>b</sup>LSM improvement thresholds of VCTE ≥25% or MRE ≥20% are based on assay characteristics and not specifically validated for clinical decisions in resmetirom treatment patients. There are currently no comparable data to determine response in blood-based NILDAs.  
<sup>c</sup>Applies to patients with elevated ALT at baseline. No specific ALT response cutoffs are available from the MAESTRO trial.  
<sup>d</sup>MRI-PDFF reduction by >30% does not necessarily correlate with histologic response.  
<sup>e</sup>Options may include re-optimizing lifestyle interventions and considering other therapy, with or without stopping resmetirom.

### Abbreviations

AASLD: American Association for the Study of Liver Diseases  
ALT: alanine aminotransferase  
EASL: European Association for the Study of the Liver  
EASD: European Association for the Study of Diabetes  
EASO: European Association for the Study of Obesity  
ELF: enhanced liver fibrosis  
FAST: FibroScan-Aspartate Aminotransferase  
GLP-1RA: glucagon-like peptide-1 receptor agonist  
HCC: hepatocellular carcinoma  
IQR: interquartile range  
LSM: liver stiffness measurement  
MASH: metabolic dysfunction-associated steatohepatitis  
MASLD: metabolic dysfunction-associated steatotic liver disease  
MAST: magnetic resonance with Fibrosis-4  
MEFIB: MRE combined with Fibrosis-4  
MRE: magnetic resonance elastography  
MRI-PDFF: magnetic resonance imaging proton density fat fraction  
NILDA: noninvasive liver disease assessment  
NIT: noninvasive test  
PHTN: portal hypertension  
SGLT2: sodium-glucose cotransporter 2  
T2D: type 2 diabetes  
VCTE: vibration-controlled transient elastography

### References

Chen VL, et al. *Hepatology*. 2025;81:312-320.  
EASL-EASD-EASO. *Diabetologia*. 2024;67:2375-2392.  
Nouredin M, et al. *Clin Gastroenterol Hepatol*. 2024;22:2367-2377.