

***Risk Factors:**

Central adiposity, insulin resistance, pre-diabetes or diabetes, dyslipidemia, sleep apnea, or family history of SLD

Inclusion Criteria:

- ≥ 10 years with BMI $\geq 95^{\text{th}}$ percentile
- ≥ 10 years with BMI $\geq 85^{\text{th}}$ and $< 94^{\text{th}}$ percentile plus additional risk factors*
- ≤ 9 years with BMI $\geq 95^{\text{th}}$ PLUS family history of SLD (Steatotic Liver Disease)/MASH (Metabolic Dysfunction-Associated Steatohepatitis) or hypopituitarism

****Normal ALT**
 ≤ 26 U/L

Initial screening ALT

ALT:
 ≤ 26 U/L

Diet and lifestyle
modifications
(see patient handouts)

Repeat ALT **yearly** or
sooner if develops
additional risk factors

ALT normalizes**

- Continue diet and lifestyle modifications (patient handouts)
- Repeat ALT **yearly**

ALT:
27-52 U/L

Diet and lifestyle
modifications
(see patient handouts)

Repeat ALT **yearly** or
sooner if develops
additional risk factors

ALT improving but
still elevated

- Continue diet and lifestyle modifications (patient handouts)
- Repeat ALT in **6 months**

ALT:
 > 52 but < 80 U/L

Diet and lifestyle
modifications
(see patient handouts)

Repeat ALT in
6 months

ALT $> 2 \times$ ULN
OR
remains ≥ 80 U/L
 $\times 2$

- Refer to SLD Clinic*
- Referring provider should order the following additional screening when the referral is placed:
 - Imaging: complete abdominal ultrasound
 - Labs: fasting lipid panel, hemoglobin A1C, hepatitis B surface Ag, hepatitis C antibody, ceruloplasmin (Wilson disease), alpha-1 antitrypsin phenotype, autoimmune markers (ANA, ASMA, LKM)
 - Thyroid studies are not routinely recommended unless positive family history
 - The referring provider should inform SLD Clinic of any abnormal results to expedite the referral

**Of note, provider may place referral after 1 ALT level ≥ 80 given wait time for appointment. However, please obtain recheck ALT in 1-3 months to trend as ALT elevation can be transient, and patient may not require referral.*

ALT:
 ≥ 80 U/L

Diet and lifestyle
modifications
(see patient handouts)

Repeat ALT in
3 months