Hemochromatosis Testing

**INDICATIONS FOR TESTING**

Adult patient presenting with clinical features suggestive of hereditary hemochromatosis (HH)

**ORDER**
Ferritin AND Iron and Iron Binding Capacity

Note: Test includes calculation of serum transferrin saturation

Transferrin saturation $\geq 45\%$ and/or unexplained elevated serum ferritin

ORDER Hemochromatosis (HFE) 3 Mutations

C282Y homozygosity

Other genotype

HFE HH confirmed

Serum ferritin $<1,000\ \mu g/L$ and normal liver enzymes

Consider referral to hepatologist

Serum ferritin $>1,000\ \mu g/L$ and/or elevated liver enzymes

Refer to hepatologist for fibrosis assessment

Iron loading absent

No further testing at this point

Iron loading present

Consider rare genotype or digenic inheritance

References

