

• C-Reactive Protein (CRP) is a plasma protein found in high levels during acute and chronic inflammatory states. • In contrast, hs-CRP (high sensitivity-C Reactive Protein) detects lower levels of CRP to evaluate if that individual has an increased risk of developing cardiovascular disease, but is ONLY useful in patients who are otherwise healthy and stable. • Current guidelines for use of hs-CRP restricts its usefulness to patients who: **1. are metabolically stable** 2. have no obvious inflammatory or infectious conditions 3. are at an intermediate cardiovascular risk who are being considered for initiation of preventative therapy.

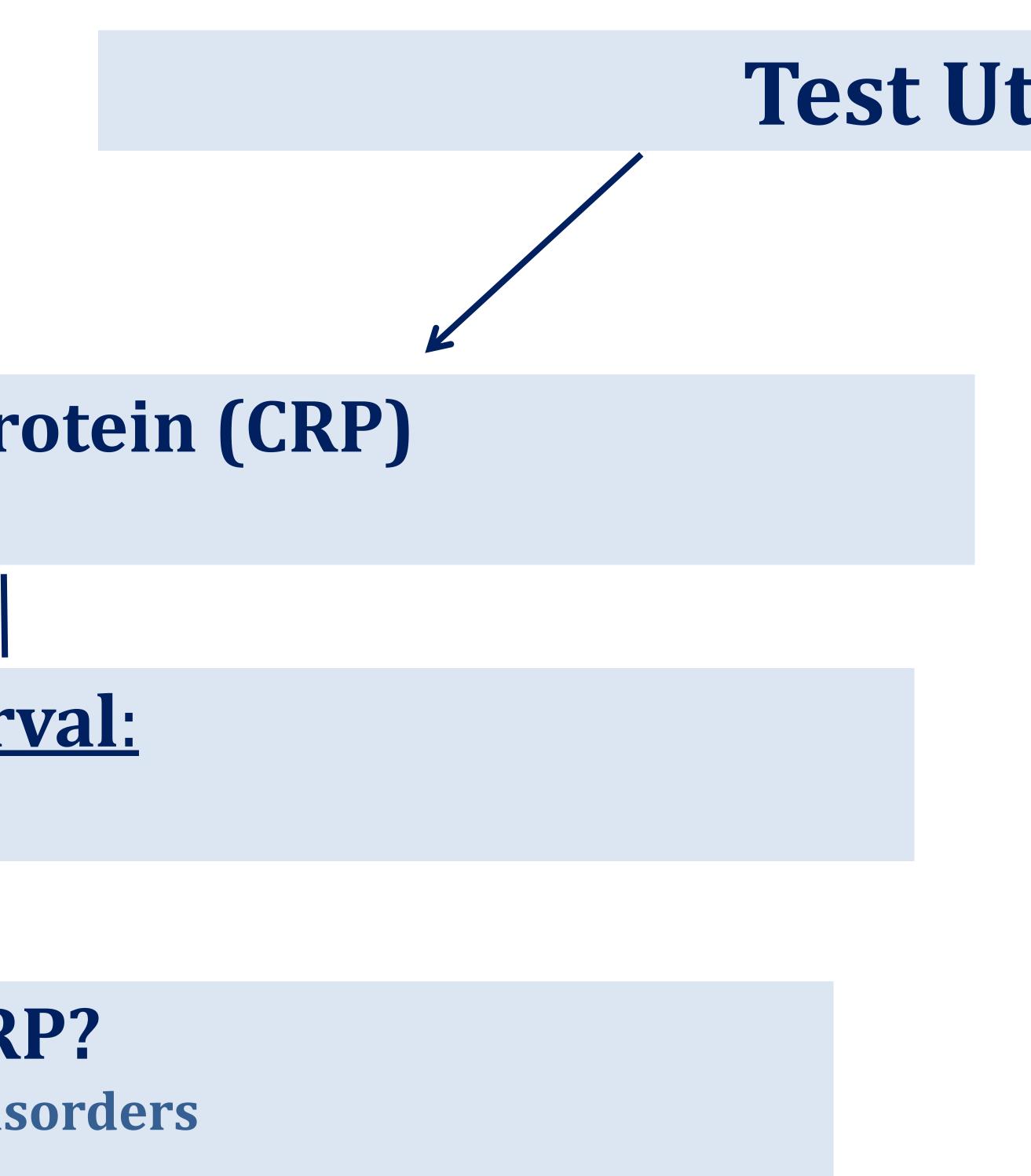
Inflammatory -C-Reactive Protein (CRP) Epic Test Code: LAB149

Consensus reference interval: \Box < 5 mg/L

When should I order CRP? **Evaluated for inflammatory disorders**

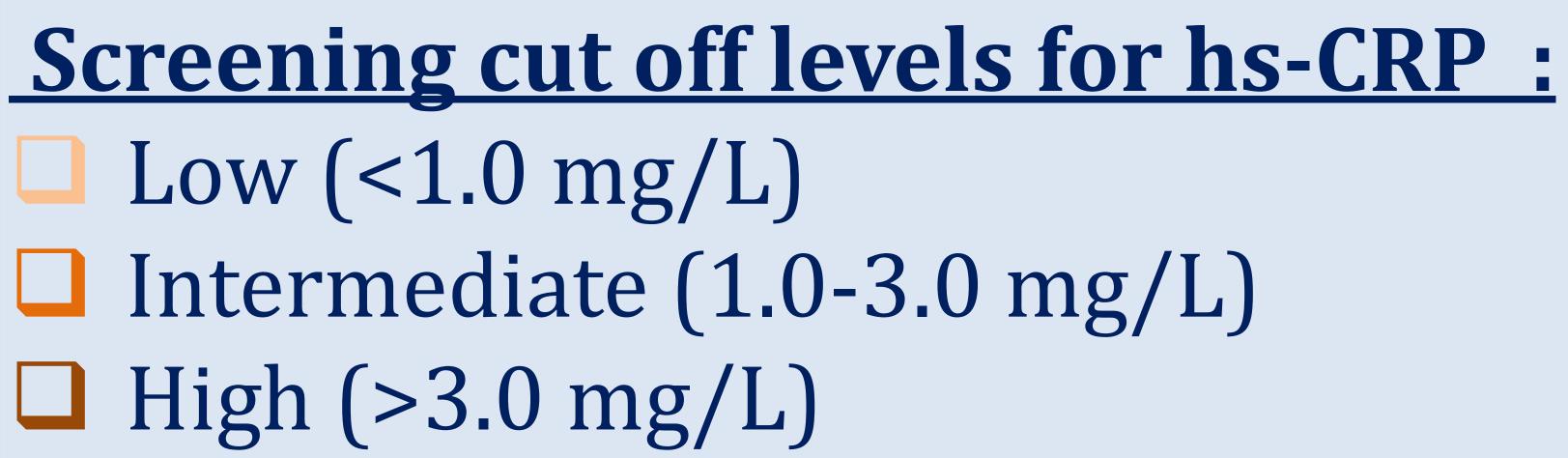
- **Tissue injury**
- Infections

Test Utilization for CRP and hs-CRP



Test Utilization

Cardiac high sensitive C-Reactive Protein (hs-CRP) Epic Test Code: LAB150



When should I order hs-CRP? hs-CRP may be used to determine if there is an increased risk in a stable patient with otherwise borderline risk for: • Stroke, Acute Myocardial Events, Peripheral Artery Disease This test should primarily be ordered when patients are <u>out-</u> <u>patients</u> and <u>not when there is a source of inflammation or</u> **infection** If there is question on use of this assay, please contact Cardiology





