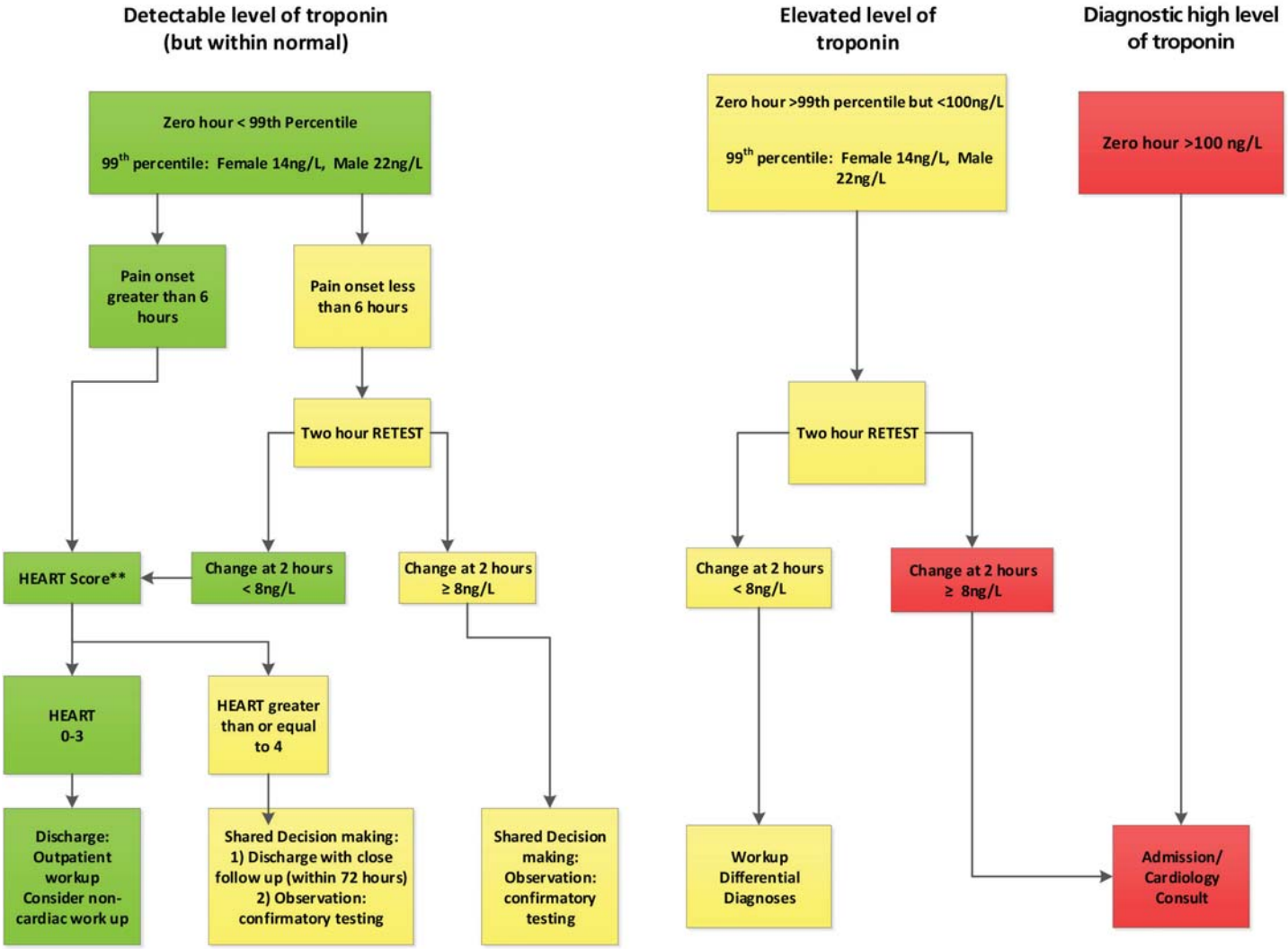
LabWire
Laboratory News and Analysis for Clinicians

Bronson Troponin Testing Algorithm



* ng/L = Nanogram/Liter
** Please see attached document

5/24/2018

BRONSON

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HEART Score

History

Slightly suspicious	**0**
Moderately suspicious	+1
Highly suspicious	+2

EKG

1 point: No ST depression but LBBB, LVH, repolarization changes (ex. digoxin).
2 points: ST depression/elevation not due to LBBB, LVH, or digoxin.

Normal	**0**
Non-specific repolarization disturbance	+1
Significant ST depression	+2

Age

<45 0	45-64 +1	>65 +2

Risk Factors

Risk factors: HTN, hypercholesterolamia, DM, obesity (BMI>30 kg/m2) smoking (current, or smoking cessation ≤3 mo), positive family history (parent or sibling with CVD before age 65); atherosclerotic disease: prior MI, PCI/CABG, CVA/TIA, or peripheral arterial disease.

No know risk factors	**0**
1-2 risk factors	+1
≥3 risk factors or history of atherosclerotic disease	+2

Initial troponin

Use local assays and corresponding cutoffs.

≤normal limit	**0**
1-3x normal limit	+1
>3x normal limit	+2

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