

Coronary Artery Disease Algorithm

- CAD Risk Factors**
- HLD
 - HTN
 - CKD (GFR<40)
 - LVH
 - Tobacco Use
 - Family History of Early CAD
 - Age >60

*ECG for all patients at initial evaluation
Risk Assessment to occur annually while on waitlist*

Low Risk
No CAD Risk Factors
Age <40
Achieves ≥4 METs

Intermediate Risk Factors
<2 CAD Risk Factors
No diabetes
No NASH

High Risk Factors
Silent MI on ECG
New or unexpected regional WMA on echo
New or unexpected LV systolic failure (EF <50% or absolute global longitudinal strain <18%)
Diabetes
NASH
≥2 CAD risk factors

Known CAD
CAD
PCI
Prior MI
CABG
CVD

1. TTE with bubble study

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2. Dobutamine stress test (DSE) or Nuclear Medicine PET stress

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2. Coronary CT Angio
--> LHC if unable to perform or interpret CCTA or if obstructive disease on CCTA

1. TTE with bubble study
2. LHC or CCTA (if >1yr since last study)
3. Cardiac Evaluation (refer to UCMC diagnostic group)

Normal
Proceed to transplant

Normal
Proceed to transplant

Any Abnormality
Cardiology Evaluation
(refer to UCMC diagnostic group)
± Pulmonary Evaluation (depends on DSE/Echo findings)

Symptomatic cardiac disease

