



Afro-Caribbean patient with clinical heart failure
Echo Concentric 'LVH' >12mm
Diastolic dysfunction
Impaired longitudinal systolic function

NO

Cardiac amyloidosis unlikely but serial monitoring is advised in patients with first degree heart block, AF or resistant heart failure

YES

CONTRAINDICATIONS TO CMR

NO

CMR
Diffuse, circumferential late gadolinium enhancement
Altered gadolinium kinetics

YES

Tc-DPD scintigraphy
Myocardial uptake

NO

CONSIDER ALTERNATIVE DIAGNOSIS

YES

HIGHLY LIKELY TRANSTHYRETIN CARDIAC AMYLOIDOSIS

REFERRAL TO AMYLOID SPECIALIST CENTRE for:

1. Consider gold standard investigation - biopsy.
2. Patient counselling, clinical trial information and family screening

Amyloid Specialist centre investigations:

- *TTR gene sequencing
- *Specialist review of biopsy material including:
 - Immunohistochemical staining or Mass spectrometry for amyloid typing
- *Rule out AL and other types (serum free light chain analysis & SAP scintigraphy)