CARDIAC AND EXTRA-CARDIAC RED FLAGS¹

• The Fabry disease 'red flags' listed in both tables below identify what to look out for when diagnosing patients with idiopathic left ventricular hypertrophy (LVH) and/or HCM

		Cardiac	
	History	Family history of LVH, particularly no evidence of male-to-male transmission	Family history of renal fa
	Electrocardiography	Short PQ interval ⁺	Neuropathic pain
		Bradycardia	Gastrointestinal sympton
		Chronotropic incompetence	Angiokeratomas
		Atrioventricular blocks [†]	Cornea verticillata*
Diagno	2D-echocardiography	LVH with normal systolic function	Hypohidrosis, heat/cold
Diagnostic tool		Reduced global longitudinal strain	Albuminuria
		Mild-to-moderate aortic root dilation	Juvenile and/or cryptoge
		Mitral and aortic valve thickening with mild-to-moderate regurgitation	Hearing loss (either prog
	Cardiac magnetic resonance	Hypertrophy of papillary muscles	Dolichoectasia of the ba hyperintensities at brain
		Mid-layer posterolateral late gadolinium enhancement	Proteinuria
		Low native T1	Renal failure

*In the absence of iatrogenic causes (chloroquine/amiodarone). †Short PQ interval in early stages; atrioventricular and bundle branch blocks are more common in advanced disease. 2D-echo = 2-dimensional echocardiography; MRI = magnetic resonance imaging; TIA = transient ischemic attack.

References : (1) Pieroni M, et al. J Am Coll Cardiol. 2021;77:922–36. MAT-XU-2300064 (v4.0) Date of Preparation : February 2024

Family history of renal failure and/or stroke	
Neuropathic pain	
Gastrointestinal symptoms	
Angiokeratomas	
Cornea verticillata*	
Hypohidrosis, heat/cold and exercise intoler	rance
Albuminuria	
Juvenile and/or cryptogenic TIA/stroke	
Hearing loss (either progressive or sudden)	
Dolichoectasia of the basilar artery, chronic hyperintensities at brain MRI	white matter
Proteinuria	
Renal failure	
Lymphoedema	



