PVRI Diagnostic algorithm

Symptoms and/or signs suggestive of PH
Detailed history for risk factors for PAH and CTEPH
ECG, Spirometry + DLco, CXR, blood testing

Confident non-PH diagnosis
Yes
- Treat underlying cause

No

Yes
- Risk factors for PAH or CTEPH

Low probability

Echocardiogram

Intermediate or high probability

Yes
- Diagnosis of left heart disease?

Yes
- CTEPH risk factors
- Consider perfusion lung imaging*

No
- PAH risk factors
- Consider FU Echo/screening

No
- Look for other causes

CT features of CTEPH?

No

Yes
- Referral to PH centre

Consider perfusion lung imaging Scintigraphy (SPECT/planar)
DECTA or CT-LSIM*
MRI perfusion

Consider perfusion lung imaging

Consider perfusion lung imaging Scintigraphy (SPECT/planar)
DECTA or CT-LSIM*
MRI perfusion

Referral to PH centre

Yes
- Signs of severe PH/RV dysfunction

No
- Treat underlying cause

Yes
- Treat underlying cause