



BC's HEART FAILURE NETWORK
Quality care for quality life.

Heart Failure Diagnostic Tests

Assessment of Left Ventricular Function

(The Canadian standard is to have LVEF measured within 30 days of a HF diagnosis; however due to waitlists and regional variations in access, echo assessment of LVEF may not be feasible in all parts of the province)

2D Echocardiogram – allows assessment of left ventricular function as well as other cardiac structures

(repeat at end of treatment)

OR

MUGA – most accurate assessment – especially for patients with COPD or obesity which may affect echo image quality; or in those who require precise assessment of LVEF for consideration of advanced HF therapies (e.g. defibrillator or cardiac resynchronization therapy)

OR

Perfusion Imaging (eg MIBI Scan) – especially in those patients where ischemia may be the underlying etiology of the HF