

Clinical Protocol for Impedance Cardiography

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The following are potential clinical situations in which performance of ICG may be clinically appropriate and meet one or more of the six recognized indications, as described by Medicare in its National Coverage Determination (Section 20.16 of CMS Pub. 100-03).

Fluid Management in Heart Failure

New patient, baseline fluid status

Symptomatic, with shortness of breath, lightheadedness, fatigue or hypotension

Recent hospitalization for heart failure (within 4 weeks)

Assessment prior to drug titration

Follow up after/during drug titration (ACE inhibitor, beta blocker)

Follow up after therapeutic intervention (e.g., biventricular pacer, EECP)

Determination of Cause of Dyspnea

History / risk of heart disease

History / risk of pulmonary disease

Resistant Hypertension

Uncontrolled (BP>140/90) on 3 or more medications, including a diuretic (BP > 130/80 if diabetic or history Cr \geq 1.8)

Evaluation of symptoms on therapy

Pacemaker

AV interval optimization at time of pacemaker reprogramming (if not performed within the last 2 years)