**C³RAD Program**

**Complete Revascularization of Complex and High Risk Coronary Artery Disease**

**Complex Coronary Anatomy**

- Unprotected LM
- Multi-vessel disease
- Only remaining conduit
- CTO/retrograde CTO
- Heavy calcification
- Extreme tortuosity
- Complex bifurcation
- Large area of jeopardized myocardium

**Hemodynamic Compromise**

- Depressed EF
- Elevated LVEDP
- Abnormal right heart pressures

**Comorbidities**

- LV dysfunction/CHF
- Acute Coronary Syndrome
- Geriatric population (>75)
- Advanced valvular disease
- Difficult access
- Significant renal dysfunction (Cr >2.0 or CrCl <30)

**Prepare for “Bail-Out” MCS***

*Mechanical Circulatory Support (MCS)