LV Support During High-Risk PCI: LVEF and Lesion Complexity

- **LVEF >35%**
  - Simple PCI: No Support

- **LVEF 20 - 35%**
  - Complex PCI* with hemodynamic compromise: Impella
  - Simple PCI: None or Impella
  - Complex PCI*: High Syntax score >32/STS>5 Extensive Revascularization: Impella

- **LVEF <20%**
  - Simple or Complex PCI*: Inoperable Class: Impella/PTVA

*Complex PCI defined as:
- Long calcified lesion
- Bifurcation lesion
- Unprotected LM lesion
- SVG lesion