



## Intra-aortic Balloon Pump Arterial Waveform (1:2)

### Inflation Goal

To produce a rapid rise in aortic pressure, thereby increasing oxygen supply to coronary arteries.

1. Inflation at the dicrotic notch, results in a peak assisted diastolic pressure greater than the peak unassisted diastolic pressure.

### Deflation Goal

To reduce aortic end-diastolic pressure, thereby decreasing myocardial oxygen consumption, while improving cardiac output.

2. Assisted end-diastolic pressure less than unassisted end-diastolic pressure.
3. Assisted peak systolic pressure less than unassisted peak systolic pressure.

