

## DOPPLER TECHNIQUE

- Mitral inflow: apical four-chamber  
pulsed Doppler, low frequency and gain  
sample volume size < 2 mm  
sample location-mitral leaflet tips.
- Pulmonary veins: apical four-chamber  
pulsed Doppler, low frequency and gain  
sample volume size 3-4 mm  
sample location-1-2 cm into pulm vein.

### HINT

Question about how the normal Doppler waveform at the mitral annulus differs from flow at the mitral leaflet tips.

*E and A are reversed at these two sample sites*

