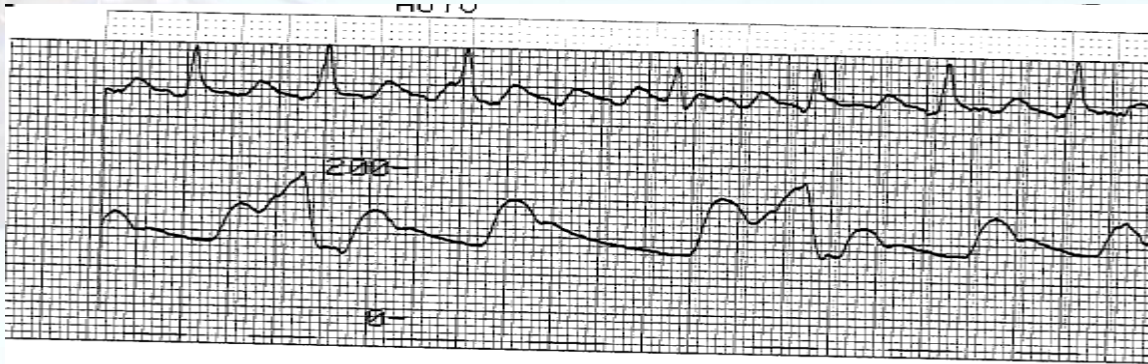


A semi-transparent image of a city skyline with a helicopter in the foreground. The helicopter is on the left, and various skyscrapers are visible in the background under a clear sky. The text 'Balloon Pump Waveforms' is centered over the image.

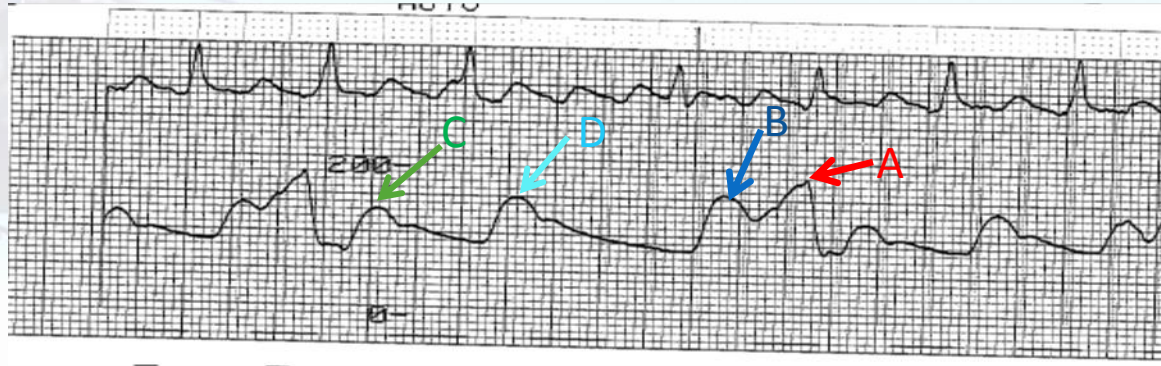
Balloon Pump Waveforms

What to look for on IABP tracings



- Ensure the timing is correct and the balloon waveform appears at the dicrotic notch
- What is the support ratio (1:1, 1:2, 1:3, etc)
- Is the balloon having the intended effect

Intended effect



- Balloon end diastolic pressure (A) should be higher than the systolic pressure (B)
 - This shows the balloon is augmenting the circulatory bloodflow
- Augmented systolic pressure (C) should be lower than the unaugmented systolic pressure (D)
 - This shows the balloon is reducing afterload (workload of the heart), therefore reducing myocardial oxygen demand