Y descent

- Comes in early diastole which is a passive process.
- Blood flow from RA to RV when TV opens → RA pressure will decrease.

1. Absent
   - Cardiac tamponade
2. Slow
   - Due to resistant to blood flow → due to TS or increase RV pressure.
   - Hence also causes ‘a’ wave increase.
3. Rapid descent
   - RA pressure was high during venous filling. Rapid flow of blood downwards.
   - Also ‘v’ wave high = ‘y’ descent increase during venous filling.
   - Causes=AF, TR, RA tm ,Rt.CMP, concentric pericarditis.

- Fredrich’s sign → ‘v’ wave ↑ → ‘y’ descent rapid.
- Early diastole RV pressure (before filling) = 0mmHg.
- In tamponade there is a positive pressure in pericardium = most specific sign of tamponade k/a RV diastolic collapse.

**Signs in JVP**

1. Abdominojugular reflex = abdomen is compressed for atleast 10 sec = increase in VR.
   If there is persistent increase of JVP even after removing the abdominal compression, by 3cm from baseline for 15 sec → cause = latent RVF