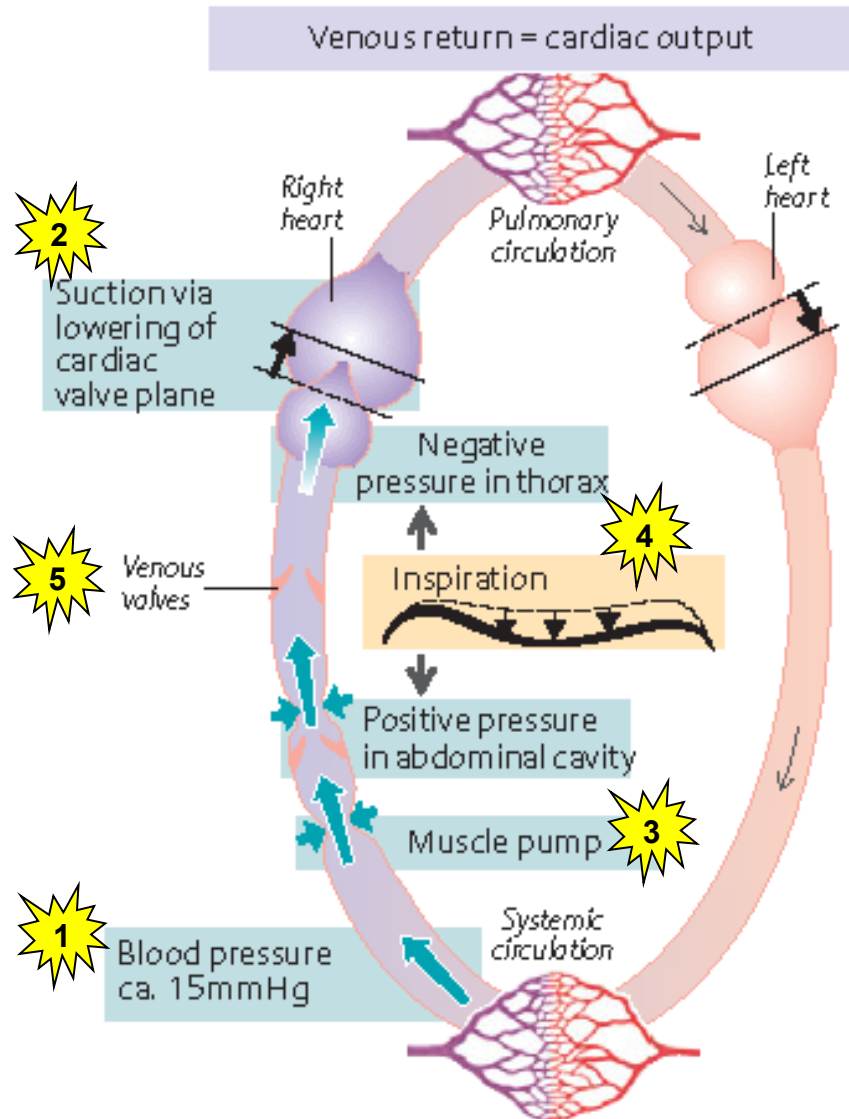


# Blood flow in veins

Practicals 16

# Mechanisms of venous return



1. Pressure gradient between venous system and right atrium („a force acting from behind“ – *vis a tergo*)

2. Suction effect of systole („a force acting from in front“ – *vis a fronte*)

3. Skeletal muscle contractions – muscle pump

4. Suction effect of inspiration – increased intraabdominal pressure and decreased intrathoracic pressure

5. Venous valves