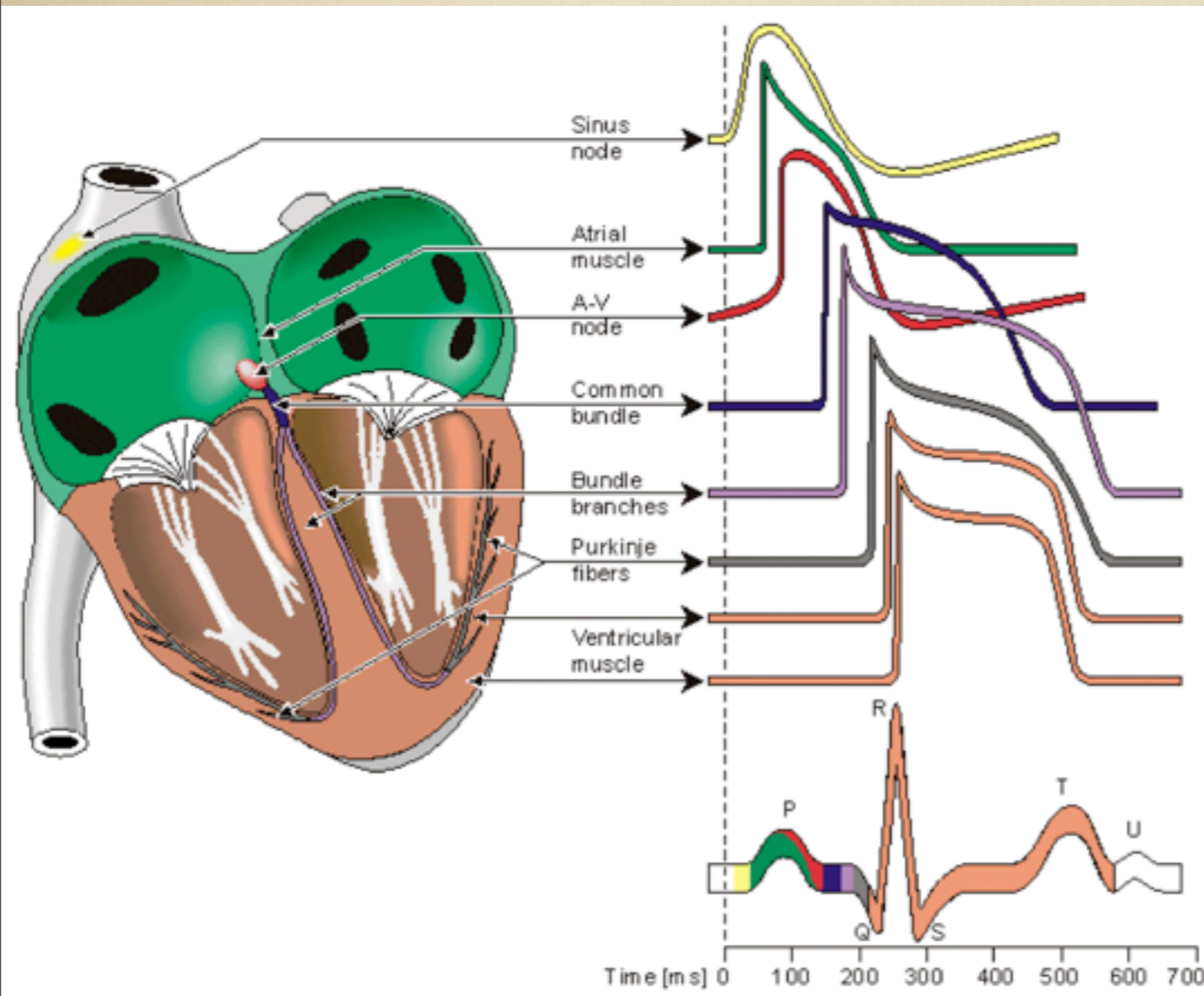


HEART: ACTION POTENTIALS



Ask Mish



- Action potential (AP) is propagated from cell to cell. It is generated by the **pacemaker (sinoatrial node)**
- Then it is propagated to **atrial muscle cells, AV node, bundle of His** then **bundle branches** and finally through **Purkinje fibers** to the contractile pump which is **ventricular myocardium**.
- Depolarization and repolarization phases of the **action potentials passing through these tissues** are recorded on a **special paper** by **electrodes** placed on the skin and is called **EKG** or **ECG**.