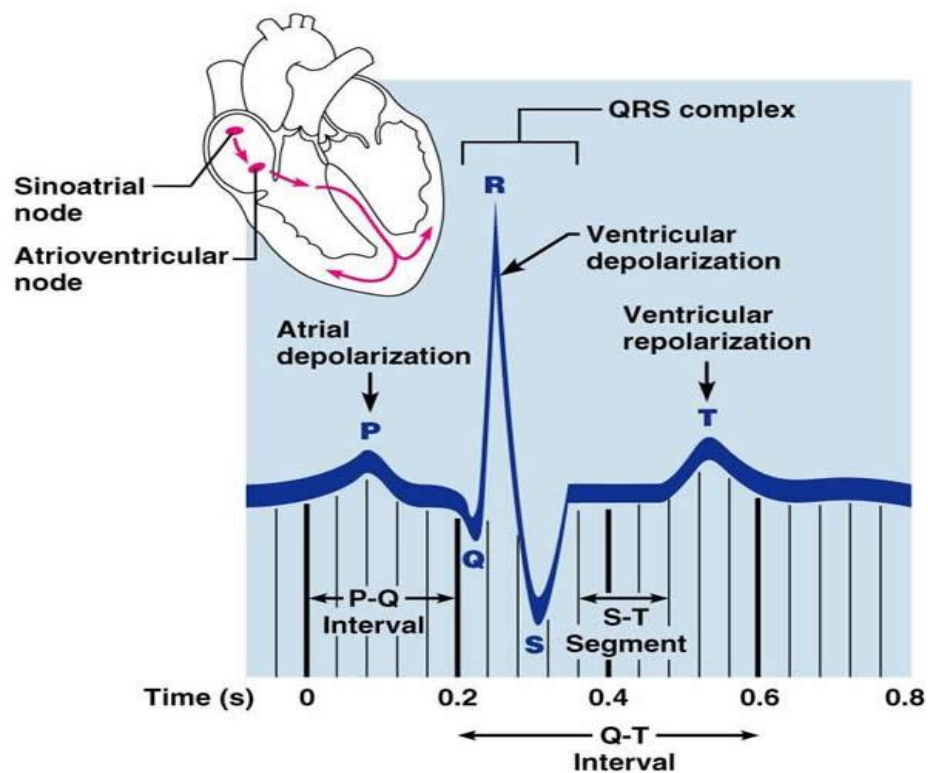


Cardiovascular System, practical session.

Ibrahim is a 60 years old man with a history of smoking more than 20 years ago and a HTN in the last 8 years. Complain of a persistent cough, lack of appetite, weight loss, breathless and tachycardia. Also, he noted his ankle swelling in the morning time.

In the ER, blood tests and an electrocardiogram were done.



Answer the following questions?

- 1) What is the cardiac cycle? And how could you relate it to the blood volume?
- 2) How can be the cardiac cycle measured? Explain the events
- 3) What is the normal pulse rate and where can you measure it?
- 4) What is hypertension, how can it be measured?