

Name:

School year:

Group: GM, DM

Date of measurement:

### Report

### **Topic: Electrocardiography II**

#### **Exercise :**

- a) Monitor and record an ECG from 12 leads of your schoolmate.
- b) Observe rate and rhythm changes in the ECG associated with the body position and breathing: lying down (supine), after sitting, breathing deeply, after exercise.

**Instrumentation:** Electrocardiograph SEIVA PRAKTIK, ECG gel.

**Procedure:** According to the manual.

#### **Measured and calculated values:**

- speed of monitoring:
- sensitivity of monitoring:

#### **BPM Results**

Condition	Cardiac cycle [s]	Mean heart beat [bpm]
Supine		
After sitting		
Seated-Deep inhale		
After exercise		

## Ventricular Results

Ventricular Readings	Supine, normal breathing	After exercise
	Cycles [s]	Cycles [s]
QT interval		
End of T wave to subsequent R wave		

## Component Results of II lead (supine)

ECG component	Duration [s]	Amplitude [mV]
P wave		
PQ interval		_____
PQ segment		_____
QRS complex		
QT interval		_____
ST segment		_____
T wave		

## Conclusions and commentary: