# ECG, heart sounds, and effects of exercise report

Set up tables like these in your notebook to help guide the collection of data.

## Data Tables

**Record data for each member of the group in your notebook.**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Component | Mean Amplitude (millivolts) | Mean Duration (seconds) |
| P wave |  |  |
| QRS complex |  |  |
| T wave |  |  |
| Heart Rate |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Component | Mean Amplitude (millivolts) | Mean Duration (seconds) |
| P wave |  |  |
| QRS complex |  |  |
| T wave |  |  |
| Heart Rate |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Component | Mean Amplitude (millivolts) | Mean Duration (seconds) |
| P wave |  |  |
| QRS complex |  |  |
| T wave |  |  |
| Heart Rate |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Component | Mean Amplitude (millivolts) | Mean Duration (seconds) |
| P wave |  |  |
| QRS complex |  |  |
| T wave |  |  |
| Heart Rate |  |  |

#### ECG during rest and after exercise

In the tables below, fill in the values for each individual in your group.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measurement | ECG while resting | ECG after exercise | | |
| 30 seconds | 60 seconds | Fully recovered |
| P-R interval (sec) |  |  |  |  |
| QRS duration (sec) |  |  |  |  |
| S-T interval (sec) |  |  |  |  |
| T-P interval (sec) |  |  |  |  |
| R-R interval (sec) |  |  |  |  |
| Heart Rate (BPM) |  |  |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measurement | ECG while resting | ECG after exercise | | |
| 30 seconds | 60 seconds | Fully recovered |
| P-R interval (sec) |  |  |  |  |
| QRS duration (sec) |  |  |  |  |
| S-T interval (sec) |  |  |  |  |
| T-P interval (sec) |  |  |  |  |
| R-R interval (sec) |  |  |  |  |
| Heart Rate (BPM) |  |  |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measurement | ECG while resting | ECG after exercise | | |
| 30 seconds | 60 seconds | Fully recovered |
| P-R interval (sec) |  |  |  |  |
| QRS duration (sec) |  |  |  |  |
| S-T interval (sec) |  |  |  |  |
| T-P interval (sec) |  |  |  |  |
| R-R interval (sec) |  |  |  |  |
| Heart Rate (BPM) |  |  |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Measurement | ECG while resting | ECG after exercise | | |
| 30 seconds | 60 seconds | Fully recovered |
| P-R interval (sec) |  |  |  |  |
| QRS duration (sec) |  |  |  |  |
| S-T interval (sec) |  |  |  |  |
| T-P interval (sec) |  |  |  |  |
| R-R interval (sec) |  |  |  |  |
| Heart Rate (BPM) |  |  |  |  |