

Resource Summary Report

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Howard Biobehavioral Core Laboratory

RRID:SCR_009862

Type: Tool

Proper Citation

Howard Biobehavioral Core Laboratory (RRID:SCR_009862)

Resource Information

URL: <http://howard.eagle-i.net/i/00000134-a517-7b98-bf4c-ca4080000000>

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Description: Core facility that provides the following services: Access to clinical physiology equipment. The Biobehavioral Core Laboratory houses the facilities for clinical exercise physiology and psycho-physiological research. The Clinical Exercise Physiology Research facility is equipped with a Cosmed Quark b2 metabolic cart and Cosmed electrocardiogram (ECG) equipment that is programmed into a Burdick Treadmill. This is used for performing graded exercise tests to assess risk for cardiovascular disease and functional work capacity training. An Ergoline 500 medical ergometer is used for exercise testing when a cycle ergometer is needed. In addition, the laboratory has 3 other treadmills that are used exercise intervention training programs. The Psychophysiology component consists of 3 computers (Dell Desktop Pentium 4, Gateway Pentium 4, and Toshiba Portege Tablet PC Pentium III). One desktop is used for data acquisition, one for data analysis and the third for internet usage. There is a surveillance camera (Security Labs) that is used to monitor participants as they take part in study tasks. To collect impedance cardiograph data, the HIC-2002 Impedance Cardiograph is used along with the COP ?Win 5.10 USB version cardiac output program for windows. This equipment is designed to measure a variety of cardiovascular measures (heart rate, stroke volume, cardiac output, pre-ejection period, left ventricular ejection time, total ejection period, and heather index). The Dinamap Vital Signs Monitor (Model 1846 SX) is used to assess systolic blood pressure and diastolic blood pressure. Lastly, a number of psychological tasks are also included in the lab such as the Automatic Mirror Tracer (Model 5403), the Peabody Picture Vocabulary Test (3 rd Edition Form IIIA and Form IIIB) and the Wisconsin Card Sorting Task for Windows.

Resource Type: service resource, access service resource, core facility

Keywords: exercise stress tests, pulmonary function tests

Resource Name: Howard Biobehavioral Core Laboratory

Resource ID: SCR_009862

Alternate IDs: nlx_156331

Alternate URLs: <http://cancer.howard.edu/research/sharedresources.htm>

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260815T183046+0000

Ratings and Alerts

No rating or validation information has been found for Howard Biobehavioral Core Laboratory.

No alerts have been found for Howard Biobehavioral Core Laboratory.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.