

**CARDIOVASCULAR HEALTH NETWORK
MOUSE OR RAT CARDIOVASCULAR PHENOTYPING**

REQUEST FOR HEMODYNAMIC SERVICES

For more information contact:

Marc-Antoine Gillis (ICM) at 514 376 3330 ext. 2022 or marc-antoine.gillis@icm-mhi.org
or Mrs. Manon Laprise (IRCM) at (514) 987-5587 or laprism@ircm.qc.ca

Return completed form in pdf to Cécile Nagy : cecile.nagy@icm-mhi.org

A. General Information (Please print clearly):

Principal Investigator: _____ Date of request: _____
Department: _____ Institution: _____
Address: _____

Phone : _____ Fax : _____ E-mail : _____

Contact Person, Phone and Cellular: _____

Associate Researcher: _____ IRCM ICM Other

1. Specific cardiac physiologic question to be addressed: This must be completed before request will be considered.

2. Mouse/rat Strain/Mutation/Transgenic to be studied: _____

3. Number of Mice/rat: _____

4. Animal Studies Committee Approval Number: _____

5. Animal Studies Committee Approval Date: _____

B. Services:

Check Services Requested

The tests 1, 2 and 3 are done at the IRCM on the mice and the rats, at the ICM only on the mice and the test 4 is done at the ICM on the mice.

1. Measurement of the aortic pressure via the carotid (BP)

Number :

Carotid pressure measurement with a catheter 1.2F: maximal, minimal and medium pressures.

2. Hemodynamics measurement in the left ventricle (PIV)

Number :

Aortic and ventricle pressure measurements. Recording of systolic, diastolic pressure, +/- dP/dt, tau of the telediastolic pressure. Many other indexes are available upon request.

3. Hemodynamics measurement in the left ventricle (PIV))+ ECG

Number :

a) ICM, mice

Aortic and ventricle pressure measurements. Recording of systolic, diastolic pressure, +/- dP/dt, tau of the telediastolic pressure. Many other indexes are available upon request.

RR, QT measurements and other intervals or segments (upon request).

b) IRCM, mice and rat

Includes surgical cutdown, Millar catheter placement into left ventricle and recording of intra ventricle pressure, +/- dP/dT, ECG and temperature.

The anesthetic is the dropéridol/fentanyl for the rat and the isoflurane for the mouse.

4. Hemodynamics measurement by pressure-volume recordings (PV)+ECG).

Number :

Includes all services of 3, plus elasticity, cardiac work and ejection fraction measurement.

C. Charges

To be discussed with Marc-Antoine Gillis or Manon Laprise because the prices may fluctuate according to the particularities of every study.

D. Terms

At the IRCM the catheter belong to some investigators. Their consent is requested in order to proceed to a “common analysis”.

I understand the terms and fees for the services and I agree to pay the invoices from the Phenotyping Service of the Cardiovascular Health Network for the services I have requested.

P.I. Signature

Date

Billing contact person: _____

Phone _____

- Please use the FRSQ and the RSCV to acknowledge this work in publications

FINAL BILLING STATEMENT

Date of the study completed _____

Total Charge _____

Number of animals which completed full requested protocol _____

Amount reduced for the RSCV contribution _____

Final Charge _____

Technician Initial _____