Transonic, René Remie Surgical Skills Centre (RRSSC) and emka TECHNOLOGIES are excited to present the European Rodent, PV Loop & Cardiac Disease Model Workshop. The Workshop is designed to enable attendees to optimize their microsurgical skills, gain experience in Admittance-based PV measurements, and be introduced to common cardiac disease models.

PARTNERS

TRANSONIC: Transonic will introduce its patented ADVantage Pressure-Volume System, the only catheter-based system to accurately quantify true ventricular volume in real time without the need for complicated calibration steps. The ADVantage system provides real time feedback on catheter position, while also ensuring the most accurate load-independent data possible.

RRSSC: Established partner Prof. René Remie will share his extensive microsurgical experience and enthusiasm with all attendees by encouraging the best surgical practices - learning the correct techniques and their implementation in attendees' own laboratories as this course will take place at the René Remie Surgical Skills Centre.

emka TECHNOLOGIES: emka TECHNOLOGIES has been Transonic's partner for many years providing software solutions validated by major pharma companies and CROs & cited in > 2,000 peer-reviewed scientific publications.

WORKSHOP GOAL

To teach registrants to be able to perform rodent surgeries according to good laboratory practice standards and to be able to collect reliable blood pressure, left ventricular pressure (BP and LVP) and blood volume measurements. As part of RRSSC's "no cure, no pay" philosophy, if a registrant is not able to successfully insert the PV-loop catheter into the animal, they will not have to pay the course fee in the next workshop.

Extra Day Option ...

An optional extra day is being offered to provide attendees with an opportunity to learn how to introduce a myocardial infarction through ligation of the left anterior descending coronary artery (LAD), or to induce left ventricle hypertrophy by transverse aortic constriction (TAC).

René Remie Surgical Skills Centre
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Workshop

Transonic Rodent Microsurgery, PV Loop & Cardiac Disease Model Workshop

2-4 May 2022; Optional: 5 May
Surgical Skills Centre, Almere, The Netherlands

WHO SHOULD ATTEND

This course is designed for scientists and technicians who are new to rodent pressure-volume recording techniques or those who would like to refine their techniques. The course language will be English. The host speaks several languages including: Dutch, English, German and basic French. Therefore, any one-to-one instruction can take place in one's chosen/native language.

WORKSHOP FEE

The full three-day course that will leave you with surgical skills and PV loop measurements experience to apply in your own lab for € 1980,- (excl VAT). One can add an additional day for € 660, to learn how to introduce a cardiac research associated disease model, such as MI or TAC. Course fee includes all course materials, coffee & tea, lunch and a group dinner on Day One. Participants will receive a certificate of the training (recognized in most EU countries). If you have a preference for species (mouse or rat) to work with, please indicate this on the registration form.

REGISTRATION

Registration forms can be found on the last page of this document as well as on the Transonic webpage (www.transonic.com). Completed forms can be emailed to Transonic Representative & Course Director Astrid Haegens at Astrid.Haegens@TRANSONIC.com. Transonic does not collect payment information with this form. You will receive an official communication from Transonic including an invoice. Advanced payment in full is required to finalize your registration. Courses will be filled on a first-come-first-served basis in the order of payments received.

Do not make travel plans until you have received confirmation that the workshop has enough participants and will take place. Deadline for registration is 3 weeks prior to the event (11 April 2022).

Workshop seating is limited to 8 participants, a minimum of 3 participants is required. Transonic reserves the right to cancel and/or reschedule/combine workshop programs for a later date.

Registrant cancellations must be received no later than 14 days prior to the event (18 April 2022) to receive a 50% refund of the registration fee. No refunds will be issued if cancellation is received less than 14 days prior to the event.

HOTEL ACCOMMODATION:

IBIS Styles Hotel, Televisieweg 2, 1322 AC Almere, the Netherlands. +31 36 20 02 244

We ask that all attendees stay at this hotel during the course to simplify transportation. Hotel costs are not included in the course fee. Attendees are welcome to stay at an alternate location should they wish. In this case, attendees should arrange their own transportation to and from the Skills Centre.

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Workshop

Schedule

Day 1

8.30	*Pick-up from the hotel / arrivals*
9.00 – 9.15	Welcome and expectations of the course
9.15 – 10.30	**Theoretical Session:** Non-surgical techniques, good surgical practice, instrumentation and surgical anatomy of the rat and mouse
10.30 – 10.45	*Coffee break*
10.45 – 12.15	**Theoretical Session:** The art of knot tying, surgical preparation, and anesthesia
12.15 – 13.00	*Lunch*
13.00 – 15.00	**Practical Demonstration and Glove Practice:** How to tie knots under the microscope
15.00 – 15.15	*Coffee break*
15.15 – 17.00	**Practical demonstration on a rat/mouse:** Right carotid isolation, PV Loop catheter insertion and what to look for while positioning your PV catheter
17.00 – 17.15	Session review
17.15	*Transportation back to hotel*

Day 2

8.45	*Pick-up from the hotel*
9.00 – 9.15	Expectations of the day
9.15 – 10.30	Basics on PV loop measurements and theory on Admittance technology
10.30 – 10.45	*Coffee break*
10.45 – 12.00	**Practical demonstration on a rat/mouse:** Right carotid isolation, PV Loop catheter insertion and what to look for while positioning your PV catheter
12.00 – 12.45	*Lunch break*
12.45 – 15.00	**Practical Session:** right carotid isolation, PV Loop catheter insertion and what to look for while positioning your PV catheter
15.00 –15.15	*Coffee break*
15.15 – 17.00	Continuation of practical session
17.00 – 17.15	Session review
17.30	*Transportation back to hotel*
19.00	*Group dinner*

Day 3

8.45	*Pick-up from the hotel*
9.00 – 9.15	Expectations of the day
9.15 – 11.45	**Practical Session:** Practice all that was taught in Days 1 and 2
11.45 – 12.30	**Theoretical Session:** PV loop case studies
12.30 – 13.15	*Lunch break*
13.15 – 15.30	**Practical Session:** Continuation of morning session / open practice session
15.30 – 16.00	Sessions review and closing remarks

Day 4 “Extra Day Option”

8.45	*Pick-up from the hotel*
9.00 – 9.15	Expectations of the day
9.15 – 11.00	**Practical Demonstration:** Intubation of rats and mice, thoracic anatomy, LAD ligation or how to induce left ventricle hypertrophy by TAC
11.00 – 11.15	*Coffee break*
11.15 – 13.00	**Practical Session:** Attendees practice the disease model of their choice
13.00 – 13.45	*Lunch break*
13.45 – 17.00	**Practical Session:** Continuation of morning session
17.00 – 17.30	Session review and closing remarks

Registration: Transonic Rodent Microsurgery, PV Loop & Cardiac Disease Model Workshop

2-4 May 2022; Optional: 5 May
Surgical Skills Centre, Almere, The Netherlands

Please complete form and email to Astrid.Haegens@TRANSONIC.com

First name: _____ Last name: _____

Title/Position: _____

Institution: _____ Dept/Division: _____

Institution address: _____

City: _____ State/Province: _____ Country: _____

Telephone (incl country code): _____ Email: _____

I hereby like to sign up for the rodent microsurgery and PV loop workshop:

Signature: _____

I wish to attend the additional day to focus on a cardiac disease model:
Yes / No (circle what applies)

During the workshop I wish to work with mice / rats (circle what applies)

Which data acquisition software do you currently use/ is your preference?
_____

How did you hear about this program?
Transonic website ☐ RRSSC website ☐ emka TECHNOLOGIES website ☐

Transonic email ☐ Flyer in catheter box ☐

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