

University of Louisville



School of Medicine

**MICROSURGICAL TECHNIQUES COURSE:
DEPARTMENT OF PHYSIOLOGY
MICROSURGERY TEACHING LABORATORY**

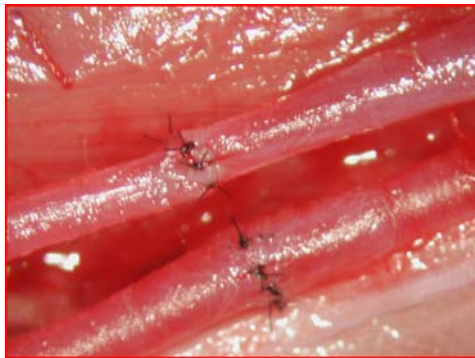
**GUSTAVO PEREZ-ABADIA, M.D.
DIRECTOR/INSTRUCTOR**

**ROBERT D. ACLAND, F.R.C.S.
CONSULTANT**

OUR COURSE

The five-day course in basic *microsurgical techniques* is held each week in the Microsurgery Teaching Laboratory, under the Direction/Instruction of Gustavo Perez-Abadia, M.D., Assistant Professor in the Department of Physiology & Biophysics at the University of Louisville. The course runs from 9:00 a.m. to 4:00 p.m., Monday through Friday, every week of the year. The microsurgery laboratory accommodates a maximum of four trainees at a time.

This intensive hands-on course was initially conceived for the complete beginner in microsurgery. Its flexibility makes it equally valuable for individuals who have had some previous training, but who want to make a new beginning in order to strengthen and upgrade their skills.



The stated purpose of the course is “to lay the foundations of the principal skills that make up good microsurgical technique”. These skills include not only the central details of anastomotic technique, but also those neglected and all-important skills: *the deliberate attainment of comfort and peace of mind; the consistent use of proper hand position; the efficient use of microsurgical equipment; and a disciplined, step-by-step approach to the preparatory aspects of the surgical procedure.*

OUR EQUIPMENT

All the equipment used in our laboratory is of the very best quality. We use high-grade microsuture with clinical quality



needles, and impose no restrictions on the amount that is used. We use the finest available instruments and readjust their tips regularly to an accuracy of .001 of an inch. Any imperfect instrument is immediately replaced. Each trainee has the undivided use throughout the week of a *Zeiss Op-Mi 7PH and/or Op-Mi 6 Microscope*, equipped with full foot controls and having two-man capability to allow one-on-one instruction.

needles, and impose no restrictions on the amount that is used. We use the finest available instruments and readjust their tips regularly to an accuracy of .001 of an inch. Any imperfect instrument is immediately replaced. Each trainee has the undivided use throughout the week of a *Zeiss Op-Mi 7PH and/or*



OUR TEACHING

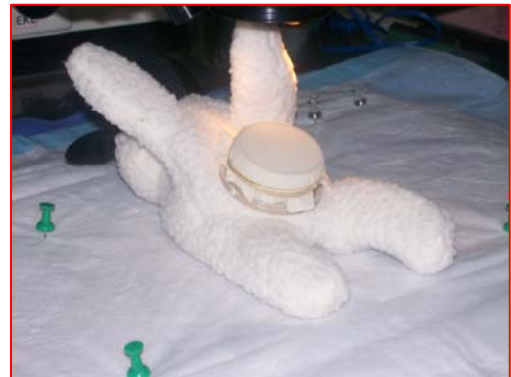
We have two means of teaching: *by DVD and by direct one-on-one instructions.*

Our sets of highly detailed and systematic DVDs are viewed individually by each student. At the start of the week all trainees begin together at the same place. They

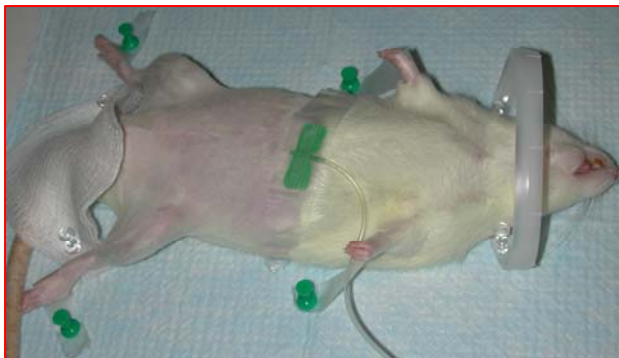


can watch the DVD using their own DVD and monitor equipped with its own headphone, the student can go and watch any particular part of the technique at any time during the course. As the week progresses, each trainee takes further instructions at his or her own pace. The usual rate of progression is

that after an initial day of basic suture exercises on a non-living practice model, we progress to rat femoral artery anastomosis. When this has been mastered fully, we go on to vein anastomosis, then interpositional vein grafting. More advanced exercises, not always reached in an initial week, include end-to-side, continuous suture, and one-way-up anastomosis. We firmly stress the importance of learning one thing solidly before progressing to the next, but we avoid slavish and time-wasting repetition.



More advanced exercises, not always reached in an initial week, include end-to-side, continuous suture, and one-way-up anastomosis. We firmly stress the importance of learning one thing solidly before progressing to the next, but we avoid slavish and time-wasting repetition.



repetition.

The DVD instruction is strongly augmented by the Lab's permanent instructor Gustavo Perez-Abadia. Dr. Perez-Abadia is a Pediatric Surgeon from Argentina, who has worked at the University of Louisville for eleven years, first in the Division of Plastic Surgery Research (Department of Surgery) and

then in the Department of Physiology & Biophysics. Dr. Perez-Abadia has been doing microsurgery for the last 8 years. He is a skilled microsurgeon, and a patient and sympathetic teacher. His background as researcher gives him expertise in animal management; and his equal command of Spanish and English, makes him an ideal teacher both for North American and South American (non English speaking) students. He has a keen eye for special difficulties and a gentle way of helping each individual do better. Trainees who make good progress need only a little one-on-one instruction, but any trainee experiencing special problems or frustrations will receive a generous amount of Dr. Perez-Abadia's time and attention.

RESERVATIONS

To make an inquiry or a reservation please mail the form attached to this brochure, or call Dr. Perez-Abadia's office: (502) 852-6229, or Department of Physiology and Biophysics office at (502)852-6231

Or send an email message to: gustavo@louisville.edu

FEE: \$2,000

Please send me information about the availability of space in the *Basic Microsurgery Course* during the month of _____

Please make a reservation for me to take the *Basic Microsurgery Course* the week of _____ or _____

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

e-mail _____

Make the payment payable to "University of Louisville, Department of Physiology" and send a check or money order to:

Attn: Gisel Durry-Murphy
Department of Physiology & Biophysics
School of Medicine, Building A 1115
University of Louisville
500 South Preston Street
Louisville, KY 40292 USA