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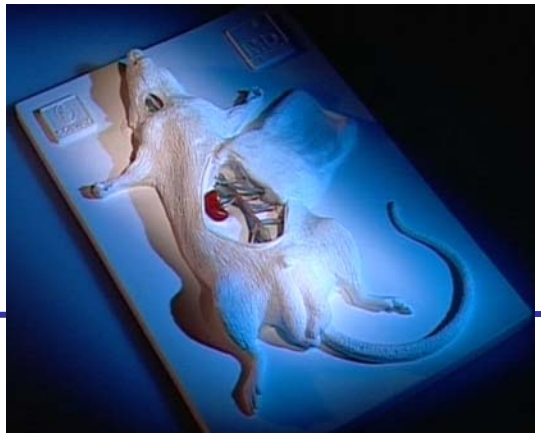
LAB RESEARCH PRODUCTS

MD-PVC-Rat



PREFACE

The MD PVC-Rat can be used for training advanced microsurgical and various experimental techniques. By using this non-animal training device one is able to drastically reduce the number of animals needed. The MD PVC-Rat was developed in the light of Replacement, Reduction and Refinement of animal-based experiments by the Microsurgical Developments Foundation.

TECHNIQUES

Anastomosis
The MD PVC-RAT gives the possibility of training several anastomose-techniques in situ:

-End-to-end
-End-to-side
-Side-to-side

Cannulations
The MD PVC-RAT gives the possibility of training several cannulation techniques. As described in the Manual of Microsurgery on the Laboratory Rat, one can practice the cannulation of:

-Jugular vein
-Portal vein
-Renal vein
-Iliolumbar artery
-Thoracic duct
-Double bile fistula

In the Portal vein of the MD PVC-RAT one can practice the Porta Caval Shunt techniques, e.g. the button technique (acc. to Funovics) or the suture technique (acc. to Lee and Fisher).

Transplantations
The following transplantation techniques can be practiced in the MD PVC- Rat:

-heart
-kidney
-blood vessels
-prostheses
Most basic skills and experimental techniques are described in the Manual of Microsurgery on the Laboratory Rat.

Several cannulation and experimental techniques are explained in great detail in a series of ten videotapes which go along with the Manual of Microsurgery which can both be purchased separately through Braintree Scientific, Inc.

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