UNIVERSITY OF MURCIA
Department of Veterinary Anatomy

XVII POSTGRADUATE COURSE
SILICONE PLASTINATION TECHNIQUE
Technique S-10

December 12-13th, 2017
Faculty of Veterinary
Murcia, Spain

PROGRAM

Tuesday 12th

09:00 WELCOME.

09:15 Introduction to the Plastination. Mains steps in the plastination techniques. (R. Henry)

9:45   S-10 Technique. Protocol and applications. (R. Latorre)

10:15 Coffee (Veterinary Faculty)

10:30 Practice session in the plastination lab.

Visit to the plastination lab: Localization and safety conditions.

Basic equipment for S10 technique in a plastination lab.

Visit to the Anatomy Museum

13:30 Lunch (Veterinary Faculty)

14:30 S-10 Technique: Fixation and dehydration. (C. Sora)

15:15 Practice session in the plastination lab

Use of peristaltic pump for perfusion of specimens

Preparation of specimens for plastination

Dehydration of specimens, measurement of different % acetone purity in different temperatures

Acetone recycling

18:00 Questions and discussion

19:30 Visit to the Casino in down town

20:30 Dinner: participants and professors

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Wednesday 13th

9:00 S-10 Technique: Polymer Impregnation (K. de Jong)

10:00 Practice session in the plastination lab

Connection of the vacuum system for impregnation

Training with vacuum pressure in the circuit

Reading of the negative pressure

Checking the bubbling speed

Finish the impregnation and open the vacuum chamber

Preserving the plastinated specimens before casting

13:30 Lunch (Veterinary Faculty)

14:30 S-10 Technique: Polymerization. (O López Albors)

15:15 Practice session in the plastination lab.

Necessary conditions to cure the specimen.

Training with slow and fast curing.

Checking the S6 time exposition.

Checking the surfaces from specimens and wipe it

Finished of cured specimens

17:30 Applications of plastinated specimens and basic lab for S10 (R. Henry)

18:00 Course evaluation

20:30 Working dinner of professors for conclusions.

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