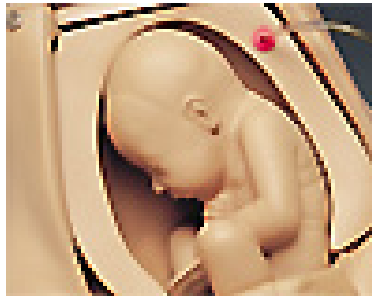


**S500.3 Palpation Module for Leopold Maneuvers
For Use With the S500 Advanced Childbirth Simulator**



INSTRUCTIONS FOR USE

Gaumard Scientific
14700 SW 136 Street
MIAMI, Florida, 33196-5691

©1997-2005 Gaumard Scientific
All rights reserved

SECTION 1 – PREPARATION FOR USE

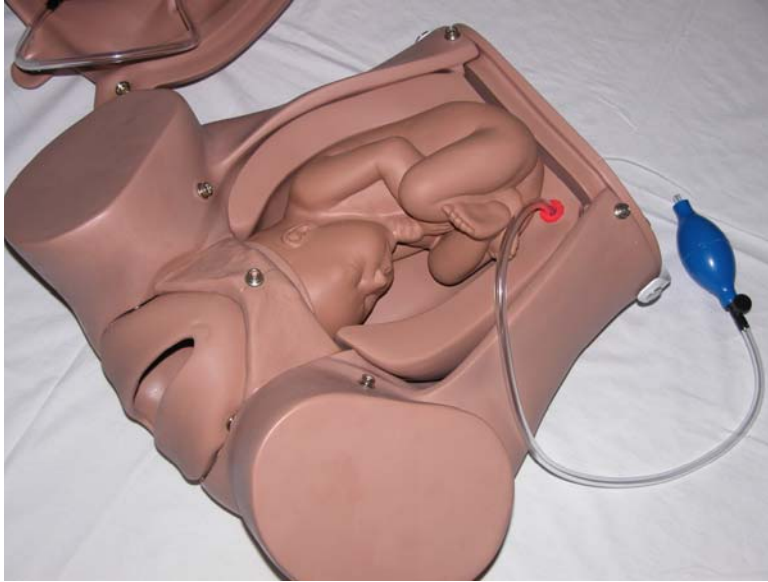
The **S500.3** Palpation Module is designed to be used with the **S500** Advanced Childbirth Simulator produced by Gaumard® Scientific.

1. Remove the stomach cover on your model S500 Childbirth Simulator, remove the birthing babies, placenta, and umbilical cord, leaving in place only the torso, end plate, and vulval insert.



The **S500.3** kit utilizes the **S500** birthing torso. It includes a lower inflatable cushion to position the fetus anteriorly; an upper inflatable cushion to adjust the tension of the stomach; and a one-piece fetus.

2. Place the lower cushion in the S500, then place the fetal baby in a normal, breech, or transverse lie.



3. Inflate the lower cushion using the squeeze bulb attached. This raises the fetal baby anteriorly. Snap the upper cushion into place and inflate it using the second squeeze bulb. The upper cushion increases the firmness of the abdomen.



4. Normally, the lower cushion will be inflated to a greater degree; the upper cushion will require only moderate inflation. Perform Leopold maneuvers.
5. To deflate either the cushion, release air using the appropriate thumb screw.

SECTION 2 - PALPATION

The **S500.3 Palpation Module for Leopold Maneuvers** was designed to help the student learn the four examination maneuvers suggested by Leopold in order to ascertain the position of the fetus within the pelvic cavity. The fetal baby used in this simulator has the relevant landmarks to perform this examination. These are the head, shoulders, spine, elbows, knees, and feet. One baby is included with this module; made from a soft material. This one-piece baby may also be used when examining a transverse fetal position (lie). Also available is the S500.5 Susie® Articulating Newborn for Leopold Maneuvers. The S500.5 is a 19 part fetus having a rigid head and upper torso. A lower torso covered by a padded skin; The articulating arms and legs may be put in any selected position. It can be used with the upper and lower cushions described here.

Maneuver 1 - What is in the fundus?



The first maneuver outlines the uterine contour and determines whether the fetal head is positioned toward the birth canal (normal); toward the fundus (breech); or, whether the fetus is positioned across the pelvic cavity (transverse). The fetal body gives the sensation of being large, irregular in shape and nodular. The fetal head feels relatively hard and round.

Maneuver 2 - Where is the fetal back?



The second maneuver determines whether the bony spine is directed anteriorly, posteriorly, or laterally. The back and the spine feel like a hard, resistant structure, whereas the other side feels more like a number of nodules.

Maneuver 3 – What is in the pelvis?



The third maneuver determines whether the head (or breech) is engaged with respect to the birth canal. If it is not engaged, the student will note that the body is movable.

Maneuver 4 – What is presenting?



The fourth maneuver determines the extent to which the head (or breech) has descended into the pelvic cavity.

SECTION 3 – COMMON SPARE PARTS

Part	Description	Cost USD
500.3.001	Fetal baby	60.00
500.3.002	Upper cushion	80.00
500.3.003	Lower cushion	80.00
500.3.004	Carrying bag	35.00

SECTION 4 - CARE AND CLEANING

The skin of the simulator may be cleaned with a mild detergent, or with soap and water.
Do not clean with harsh abrasives.

Indelible marks made with ballpoint pens, ink, or markers will remain.

Do not wrap the simulator or any **Gaumard** product in newsprint.

Do not use povidone-iodine on this simulator or any **Gaumard** simulator.

**If you have any questions pertaining to the this or any Gaumard product,
please call the Customer Service Tollfree USA at 800- 882-6655
or
visit our website at www.gaumard.com**