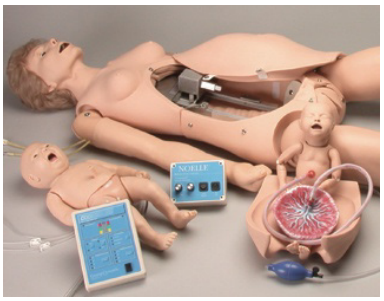
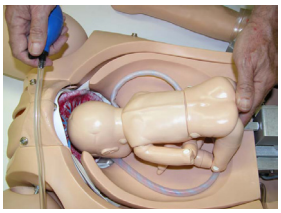
Simulation Technology: *Physical Mannequins: NOELLE™ with Newborn Hal*

Description





NOELLE™ with Newborn HAL® *(with PEDI Blue Neonate)* is a full-size articulating full-body female. Noelle features include intubatable airway with chest rise, IV arms for meds/fluids, removable stomach cover, practice Leopold Maneuvers, multiple fetal heart sounds, automatic birthing system, measured head descent and cervical dilation, multiple placenta locations, replaceable dilating cervices, practice postpartum suturing on vulval inserts, and one articulating birthing baby w/placenta.

General Strengths & Weaknesses

One UMMS user reports that while Noelle is "*time and resource intensive…*" [she] *is the "…closest thing we have to the real thing… and postpartum hemorrhage [is] a relatively rare event to which our residents need exposure…"*

UMMS users report the major strength of any physical mannequin is the opportunity for students to practice skills without risk to live patients. Teaching with the mannequin offers the opportunity to teach team discussion and collaboration in small groups.

General weaknesses reported include 1) the need for faculty presence [in the Simulation Center], 2) the high cost of acquiring and maintaining mannequins, and 3) the number of small group sessions necessary to effectively teach large classes.

Peer Resources

Michael Ennis
Melissa Fischer
Dawn Fraga
Janet Hale
Debra Heitmann
Maurice Joyce
Tracy Kedian
Mark Manning
Erin McMaster
Tiffany Moore Simas
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Ann Perla
Shahrzad Shidfar
Hugh Silk
Melinda Taylor*
Stacy Weisberg
Paul Zgurzynski

UMMS Information Services Support

*Training in the use of NOELLE™ is supported by the UMMS Simulation Center; *contact Melinda Taylor* directly.

For more information:

Gaumard® Scientific Company, Inc. (vendor) website

Gaumard® Scientific Company, Inc. S551 NOELLE™ Maternal and Fetal Simulation System INSTRUCTION MANUAL