



GD/F55 Advanced Delivery & Maternal & Neonatal Emergency Simulator with Monitor

Automatic Birthing System. Fully simulates the real delivery process with CPR Pregnant Woman Advanced Delivery and Maternal and Neonatal Simulator is a comprehensive education system, which consists of a delivery maternal manikin and a normal newborn, according to the basic requirement of obstetrics, providing a complete birth experience and emergency skills operation. Simulator features include automatic delivery system, fetus and placental expulsion, prenatal cervix examination and postpartum episiotomy, prenatal gravida and fetus and postpartum maternal and neonatal care, removable stomach cover, multiple fetal heart sounds auscultation and CPR operation etc. The model is made of imported PVC material. The stomach wall is injection molded. Perineum is made of sponge emulsion material, features soft texture, good flexibility, realistic operation, reasonable structure and durability. It is one of the ideal teaching aids for clinical obstetrics practice training.

System components:

1. Gravida manikin (for delivery and adult first aid)
2. Neonatal manikin (for first aid and nursing care)
3. Fetal manikin (for delivery)
4. Other auxiliary set

Maternal manikin features:

- (1) The mechanical gear device is equipped with two mechanical adapters for connecting simulative delivery fetus; fetus and adapter, the adapter and adapter, adapter and gear device are all fixed with elastic clamp device. There are system protective limit switches on both top and lower end of the gear device.
- (2) The delivery process and fetus heart sound controller can suspend, initialize, start and continue the delivery process; delivery speed is adjustable according to requirement, have 1-4 steps;
- (3) Fetal heart sound auscultation: can set fetal heart sound frequency and volume, heart rate is adjustable between 0-180;
- (4) Can simulate head birth, breech delivery, narrow birth canal, cord around neck, fore-lying placenta, etc;
- (5) With highly simulative cervix
- (6) Equipped with lifting "Soft pad" for practicing Leopold maneuver;
- (7) Equipped with antepartum cervical change and birth canal change modules, which can be fitted to maternal manikin for training;
 - Stage 1: no dilation of cervix; cervical canal does not disappear; the position relation between fetal head and ischial spine plane is -5;
 - Stage 2: 2 cm cervical dilation; disappear 50% of cervical canal; the position relation between fetal head and ischial spine plane is -4;
 - Stage 3: 4 cm cervical dilation; cervical canal completely disappear; the position relation between fetal head and ischial spine plane is -3;
 - Stage 4: 5 cm cervical dilation; cervical canal completely disappear; the position relation between fetal head and ischial spine plane is 0;
 - Stage 5: 7 cm cervical dilation; cervical canal completely disappear; the position relation between fetal head and ischial spine plane is +2;
 - Stage 6: 10 cm cervical dilation; cervical canal completely disappear; the position relation between fetal head and ischial spine plane is +5;
- (8) Can measure fetal head descent and cervical dilation
- (9) Can simulate multiple placenta position
- (10) Can set venous channel in maternal arm for giving administration and nutrition
- (11) Vulvar suture practice modules, including left lower, medial and right lower three incision position;
- (12) Tracheal intubation training
- (13) Manually simulate carotid artery pulse
- (14) CPR training: artificial respiration and heart compression available, electronic monitoring operation date and a voice prompt chest rise when inflation can be observed obviously. Electronic monitoring of inflation volume, frequency and compression position, frequency and depth.