Nursing Skills Training Models
The Advanced Injection Hand Simulator simulate the entire human hand from the wrist to the fingertips. It duplicates the human hand and its care and treatment should be the same as with a patient; abuse or rough handling will damage the simulator just as it would cause pain or injury to a patient. When preform cannulation procedure cannulas with gauge 20-25 must be used.
The Advanced Injection Arm Simulator simulate the entire human arm from the shoulder to finger tips. It duplicates the human and its care and treatment should be the same as with a patient; abuse or rough handling will damage the simulator just as it would cause pain or injury to a patient. When preform cannulation procedure cannulas with gauge 20-25 must be used.
HEMODIALYSIS PRACTICE ARM

The Hemodialysis Practice Arm Simulator duplicates a human arm. This special simulator contains an arteriovenous fistula (AV Fistula). It is used to teach the techniques of easy access to the arm’s blood supply for home dialysis.
IV Lower Arm and Hand

The IV lower arm and hand is a realistic forearm and hand, veined with flexible tubing. It allows practice of cannulation, injection of fluids, and drawing of blood.
Intramuscular Injection Model

The intramuscular injection model is ideal to teach and practice proper injection techniques and how to avoid nerves and veins. The see-through right side of the model shows internal structure including bones, muscles, nerves, and veins. The gluteus medias, nerves, veins, ilium crista, and greater trochanter can be palpated to confirm the correct injection points. Fluid injected in the proper place is discharged through a drain tube into drain bag. A green light indicates correct injection technique and positioning - a buzzer and flashing red light warn students if they have gone too deep or if needle position is incorrect.
The Intramuscular Injection Simulator is designed to teach and practice intramuscular injection techniques. It has landmarks that can be palpated so that the various injection techniques can be practiced. The specific techniques in intramuscular injections that can be taught with this simulator are:

1. Gluteus Medias Injections
2. Ventrogluteal Injections
3. Vastus Lateralis Injections
The TB testing arm model realistically duplicate positive and negative TB reactions with variations in pigmentation. It is used to teach and practice how to read and comprehend the test results.
The peritoneal dialysis simulator is designed to teach and practice procedures involved with peritoneal dialysis. With a full capacity reservoir embedded inside the abdominal area, fluids can be introduced and emptied as they would be when treating a live patient.
“Surgical Sally” Bandaging Simulator

The surgical sally bandaging simulator includes 14 different surgical wounds. It is used to teach and practice wound management skills, wound dressing, and bandaging techniques.
**Suture Practice Arm**

The suture practice arm allows to teach and practice suturing and suture removal.
Seymour II Wound Care Model

The Seymour II wound care model consist of different stages of pressure ulcers. It allows to teach and practice wound cleansing, classification, staging, and assessment and measuring the wound length, depth, undermining, and tunneling. The positioning of the wounds permits multiple dressings to be demonstrated at the same time.
Diabetic Foot Model Set

The diabetic foot model set is ideal for student education and patient training. Diabetic Foot Model features three ulcers in various stages of development as well as other features commonly associated with diabetes. The Severe Diabetic Foot Model illustrates more severe consequences of diabetes, including an amputated toe, Charcot foot deformity, severe infection, and gangrene.
**Unhealthy Foot Care Kit**

The unhealthy foot care model can be used to teach the importance of proper foot care and nutrition to people with diabetes. This model shows the distal end of the foot with an invasive wound on the bottom of foot and surface inflammation around the big toe and second toe.
Interchangable Catheterization and Enema Task Trainer

The interchangeable catheterization and enema task trainer can be used to teach and practice male and female catheterization, Enema administration, vaginal medication insertion, stoma care and bilateral thigh, gluteal, and ventrogluteal IM injections.
Male & Female Catheter Model

The male & female catheter model can be used to teach and practice techniques of proper insertion of a lubricated catheter. It is also used to teach anatomy and sterile cleansing techniques before, during, and after insertion. The model uses any Foleys catheter with size 16 FR or smaller.
**Transparent Female Catheter Model**

The transparent female catheter model can be used to teach and practice female catheterization while observing what is happening internally. It allows viewing the indwelling condition of a balloon catheter, flow of urine, and the relative position of the pelvis and bladder through a transparent hypogastrium.
**Enema Administration Simulator**

The enema administration simulator is used to teach and practice enema procedures. Standards apparatus can be used to introduce fluids. The upper buttock is flexible so that the trainee must raise the buttock in order to locate and make into the anus. Simulated bowl will accommodate the introduction of fluids.
OSTOMY CARE SIMULATOR

The ostomy care Simulator is designed to teach and practice the essentials of abdominal ostomy care and cleaning and washing of stoma techniques.
Patient Care Manikins
Newborn Advanced Care Simulator

The newborn advanced care simulator simulates a 0-8 week old baby. The following nursing care procedures can be performed on this manikin:

1. Bandaging
2. Heel stick exercises
3. Eyes/ophthalmic exercises
4. Administration of orbital medicines
5. Eye irrigation
6. Hygienic care
7. Range of movements
8. Nasogastric feeding and gastric suction
9. Enema administration
10. Urinary catheterization
11. Subcutaneous and Intramuscular injections
Infant Tracheostomy Care Manikin

The infant tracheostomy care manikin is used to teach and practice basic tracheostomy care skills and suctioning.
One-Year-Old Pediatric Care Simulator

The one year old pediatric care simulator is used to teach and practice both standard and advanced clinical care procedures. The following procedures can be performed on this simulator:

1. ophthalmic procedures
2. nasogastric feeding
3. bathing
4. bandaging
5. intramuscular injections
6. TB test
7. Urinary catheterization
8. Tracheostomy suctioning
9. Enema administration
The five years old pediatric manikin is used to teach and practice the following procedures:

1. Bandaging
2. Administration of orbital medicines and eye irrigation
3. Hygienic care
4. Subcutaneous and Intramuscular injections
5. Tuberculosis test
6. Urinary catheterization.
7. Rang of Movements
8. Nasogastric feeding and gastric suction
9. Enema administration
10. Tracheotomy suction and care
The nursing skills manikin is used to teach and practice the following are the nursing care skills:

1. Bandaging and wound dressing
2. Hygienic care
3. Denture removal
4. Enema administration (female)
5. Eye Irrigation
6. Hearing aid removal and insertion techniques
7. Intramuscular injection
8. Oral hygiene
9. Nasogastric feeding
10. Ostomy care
11. Suctioning
12. Pap smears and douching
13. Patient positioning
14. Patient transfer techniques

15. Prostate exam (Stage B)

16. Tracheostomy suctioning and care

17. Urinary catheterization
Nursing Kelly with Vital Sim

Nursing Kelly is a manikin designed for scenario based training of the care and management of a wide variety of in-hospital patients. Head with anatomical landmarks, trachea and esophagus, with simulated lungs and stomach allow the practice of many nursing procedures. Students can check the blood pressure as well as auscultate normal and abnormal heart, breath and bowel sounds using a standard stethoscope.
PDA Stat Simulator

The PDA Stat Simulator is a manikin designed for scenario based training of the care and management of a wide variety of in-hospital patients. It allows the practice of many nursing procedures. Students can check the blood pressure as well as auscultate normal and abnormal heart, breath and bowel sounds using a standard stethoscope.
Patient Care Simulator "SAKURA"

The patient care simulator “Sakura” is used to teach and practice various nursing care procedures such as:

1. Oral care
2. Urinary catheterization
3. Nasogastric feeding
4. Hygienic care
5. Oral care
6. Suppositories insertion
7. Intramuscular injection
METI ECS is a high fidelity manikin that provides an anatomically correct, feature-rich mannequin, which allows for the physical demonstration of various clinical signs including bleeding, breathing, blinking eyes and convulsions. The human physiology models at the core of the ECS provide appropriate responses to treatment interventions, including airway and oxygenation management, fluid administration, defibrillation and the administration of drugs. Together, these systems deliver a realistic and objective training ground for learners to practice and perfect patient care without risk to real patients.
Kokan Full Body Pregnancy Simulator

Kokan the full body pregnancy simulator simulate 36th to 40th weeks pregnant female. It consists of vaginal examination model, obstetric model, perneal suture model, obstetric abdominal palpation model and puerperal uterus palpation model. This model allows the following procedures to be practiced:

1. Internal examination during intrapartum period
2. Obstetric assistance
3. Perineal suture of soft birth canal laceration
4. Palpation of fundus uteri during puerperal period
5. Breast care
6. Visual diagnosis, palpation, abdominal measurements according to Leopold's Maneuvers

7. Fetus heartbeat monitoring

8. Bishop score (dilation, extension, hardness, position of cervical canal) in the period between late pregnancy and childbirth can be confirmed.

9. The descent of the fetal head can be adjusted by replacing three stages of the uterus dilation models and fetal head model. Diagnosis of delivery progress with these models can be practiced by vaginal examination.

10. Fetal head rotation can be confirmed with devised position of sagittal suture and posterior fontanel of fetal head model
NOELLE S575.100 with Newborn HAL

NOELLE the childbirth simulator is designed to provide a complete birthing experience before, during, and after delivery. Simulator features include full-size articulating female manikin, intubatable airway with chest rise, IV arm for meds/fluids, removable stomach cover, practice Leopold maneuvers, multiple fetal heart sounds, automatic birthing system, measure head descent and cervical dilation, multiple placenta locations, replaceable dilating cervices, articulating birthing baby with placenta, and resuscitation baby with intubatable airway and umbilical catheter site.
Examination Models
Breast Vest

The breast vest allows students to teach women breast self-examination with both hands. It contains nine lumps, all different in size and consistency to simulate realistic tumors.
Breast cancer Training Model

The breast cancer training model is used to teach and practice how to detect breast cancer symptoms and self-breast examination. The model contain the following symptoms of breast cancer:
<table>
<thead>
<tr>
<th>Symptom Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumps</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Hard lumps. Cancer is suspected due to the irregular surface.</td>
</tr>
<tr>
<td>2</td>
<td>Soft lump. Cancer is suspected after palpation</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Lymph node metastasis</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Lymph nodes in the axillary region (armpits)</td>
</tr>
<tr>
<td>5</td>
<td>Hard lymph node in the neck</td>
</tr>
<tr>
<td>Nipple changes</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Displacement or depression of the nipple</td>
</tr>
<tr>
<td>7</td>
<td>Eczematous change (sore) [Paget's cancer]</td>
</tr>
<tr>
<td>Skin changes</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Skin dimpling</td>
</tr>
<tr>
<td>9</td>
<td>Partial edema of the skin, “orange-peel&quot; appearance</td>
</tr>
<tr>
<td>10</td>
<td>Skin redness and swelling (inflammatory breast cancer)</td>
</tr>
</tbody>
</table>
Eye Examination Simulator

The eye examination simulator is used to teach and practice the use of an ophthalmoscope, examining the ocular fundus, and learning and identifying diseases and conditions within the eye. It includes 10 various ophthalmic cases.
Prostate Examination Simulator

The Prostate examination simulator provides realistic training in prostate palpation. Ten types of prostates are placed in the simulator and the trainer can smoothly interchange them using a simple rotating system.
Ear Diagnostic Trainer

The ear diagnostic trainer is anatomically correct, with twelve ear conditions presented in the form of endoscopic photographs of the tympanic membrane.
Mr. Clean Mouth

Mr. Clean mouth model is three times life size and has normal anatomy. It is used to teach proper brushing and flossing techniques.
Giant Dental Care Model

The giant dental care model is used to teach the correct way to brush your teeth and gums. Bendable wire spring allows for easy movement.
Abdominal Palpation Model

The abdominal palpation model is used to teach and practice palpation of the abdomen to determine fetal lie, presentation, and position. The ability to perform Leopold’s Maneuvers and provide immediate visualization of the fetus after demonstration of the palpation skills is an advantage in teaching health professionals and students. The model includes a fetus with a weighted body, movable limbs, firm buttocks, and a head with palpable anterior and posterior fontanels.
Advanced Childbirth Simulator

The advanced childbirth simulator is used to teach the following standard obstetrical procedures:

a. Fetal Palpation
b. Breech Birth
c. Normal Birth
d. C-Section Delivery
e. Episiotomy
f. Vertex Presentation
g. Prolapse of Umbilical cord
Childbirth Model

The childbirth model illustrate the five stages of birth: fetus in uterus with uteri closed, with uteri open, the beginning of the emergence of the head, the complete emergence of the head, and the placenta in the uterus.
EVA Gynecological Training Manikin

The EVA Pelvic Teaching Model is a life-like pelvis with a variety of anatomical parts. This model permits students to practice the following procedures:

a. Abdominal palpation

b. Speculum insertion and removal

c. IUD insertion and removal (includes tenaculum placement on cervix and uterine sounding)

d. Bimanual and rectovaginal examination for:

e. Comparative evaluation of the size, shape and position of a normal, enlarged (pregnant) and fibroid uteri

f. Identification of an adnexal or fecal mass

g. Identification of normal and abnormal cervices (polyp and carcinoma)
Obstetrical Manikin

The obstetrical manikin model is an anatomically correct pelvic model with full term newborn and placenta that provide realistic practice in multiple childbirth techniques, and procedure for emergency childbirth. The fetus provided is of a realistic newborn size with fontanels and cranial sutures.
The palpation module for leopold’s maneuvers represent a full-term fetal baby with palpable fontanels, spine, shoulders, elbows, and knees. It may be placed in normal, breech, or transverse positions. It is cradled between two “cushions” which may be inflated independently of each other - inflation of the lower cushion raises the fetus to the desired position; inflation of the upper cushion creates a firm abdomen as in the ninth month of pregnancy.
The pregnant pelvis with mature fetus model illustrates the female human pelvis in median section with a fetus in the 40th week of pregnancy. The fetus is in the normal position prior to birth, showing the anatomical relationship between various structures of the maternal pelvis and the fetus. The fetus is detachable for closer examination.
The puerperal uterus palpation training model is used to teach uterus palpation. It include four different uterus models with different conditions. The examination of the large pudenda lips and prolapse of anus can also be practiced.
Episiotomy Suturing Trainer

The episiotomy suturing trainer is a life size model with all the relevant anatomical landmarks. Posterior wall of vagina cut right laterally showing exposed muscles.
**Human Reproduction and Development Kit**

The human reproduction and development kit represent the embryo and fetus development in human. It offers a direct and complete approach to an understanding of human reproduction from fertilization to birth.
Intrauterine Human Development Models

The Intrauterine human development model includes eight anatomically accurate models from 4 weeks to 7 months (including 5-month twins). This series of models represents the fetus inside coronally dissected pregnant uteri from the first through the seventh month of pregnancy. Second and third trimester fetuses are removable.
**Labor Delivery Module**

The labor delivery module include six labor stations selected to represent conditions of the cervix and vagina prior to labor, during labor, and at birth in a primigravid woman. Stations illustrated are: STA -5 prior to onset of labor, STA -4 cervix partially effaced, STA -3 cervix fully effaced, STA 0 fetal head at plane of ischial spine, STA +2 cervix nearing full dilation, and STA +5 crowning of the fetal head.
The Kokan midwifery practice model is used to teach and practice various midwifery techniques based on L.D.R. Concept (Labor, Delivery, and Recovery).
Anatomical Models
Human Skeleton
Ear Model
Female Pelvic
Emergency Simulators
Laerdal Airway Management Trainer is used to teach and practice different intubation, ventilation, and suction techniques.
Simulaids Adult CPR manikin

The simulaids adult CPR manikin is used to teach and practice techniques used to perform CPR on adults.
Adult Choking Manikin

The adult choking manikin is used to teach and practice abdominal thrust, chest thrust, and back blow procedures for clearing FBAO’s. When correct clearing procedures are performed, the manikin will expel the object causing the obstruction. The choking objects provided make excellent practice obstructions. It has a ribcage, xiphoid process, and jugular notch to provide anatomical reference points for the demonstration of hand placement for CPR technique.
AED Little Anne Training System

The AED little Anne training system is used to teach and practice adult CPR, Defibrillation and defibrillator pad placement. It has various scenarios that can be used using the remote control unit.
Mr. Hurt Head Trauma Simulator

Mr. Hurt head trauma simulator is used to teach cranial trauma assessment and management. Head contains an anatomically accurate reproduction of a human skull. Features: unequal pupils to signal internal head trauma, palpable fractures (open depressed skull fracture, Le Fort I & III, nasal fracture, bilateral mandibular fractures, and fracture of C-6 vertebra), hemotympanum, and deviated trachea.
Baby Anne

The Baby Anne is used to teach and practice techniques used to perform CPR on infants.
The resusci junior basic and skill guide model is used to teach and practice techniques used to perform CPR on children. It has an indicator that shows whether the compression location and the breath and compression depth are done correctly.
Resusci Anne with Skill Guide

The resusci Anne basic and skill guide model is used to teach and practice techniques used to perform CPR on adults. It has an indicator that shows whether the compression location and the breath and compression depth are done correctly.
The simulaids adult CPR manikin is used to teach and practice techniques used to perform CPR on infants and children.