



MEDICFX

Creating Realism in Medical Simulation

PRODUCT CATALOG

At MEDICFX we understand that lack of realism is challenging in medical simulation. That's why every medical training facility will be using our products to create more realistic training scenarios. So practitioners can improve their medical care and help save lives.

www.medicfx.com

info@medicfx.com

Realistic Simulation helps save and improve lives

All products are created and painted with a high level of detail to give the most realistic representation.

The product's realism provides trainees and professionals with a close to 'real life' experience. Realistic simulation training enhances learning to create greater insights and preparedness, supporting both skill and knowledge development in roles that manage risk and rely on observation and capability for the best results.

We can help you repurpose old or unused manikins to upgrade, or use them in different and innovative ways to train your team.

Production Capacity

All our products are handmade in New Zealand. We can supply large and bulk orders, in addition to custom made and bespoke products, and small orders.

Product Options

In addition to our core range we can design disease, wound and trauma models, or products for any situation, including theatre training, a crisis scenario, or an outdoor war field exercise.

For bespoke products we work from your brief, photos and YouTube examples of the required product, or procedure, providing you with a confirmed price before commencing, based on the scope of work and level of detail.

Most of our products are available in light, tan and dark.

We can customise some of our products to fit your simulation requirements.

For bespoke products we work together with the client to create the most desirable outcome.

We have a range of skin tones and wigs to choose from.

We use silicone in a range of hardness, to ensure both comfort, and realism.

Quality Control

We understand the materials required to manufacture quality products that are durable and fit for purpose. Our products are hand painted by our team of FX artists to create realistic models.

Our products are reusable and long lasting.

We operate double QC on all products so they leave our premises meeting high quality control standards.

Product Application

All our products are full silicone and either stick on, or mesh backing with Velcro attachments, or sleeve and stocking design.

They are easy to stick on, or to wrap around the head, or limb and fasten. Extra pieces of Velcro, or bandage clips can be used to extend, or tighten the fastening for the right fit.

Product Range

You can find our full product range online at www.medicfx.com.

MANIKIN FACES

The most realistic and practical silicone face overlays to transform your Sim-man for more engaging simulation training.

MEDICFX facial overlays, add realism in your simulation training. Making scenarios more believable and engaging. It also assists with overcoming age, gender and racial bias and problem solving.

MEDICFX facial overlays are created with a very soft and durable Silicone. The overlays have glued on wigs and punched in facial hair. Some of our faces are unique, and can not be exactly replicated, though most models are consistent in their appearance and can be reordered.

Most of them are designed on the Laerdal SimMan 3-G, but some are created to fit other Manikins.

Our facial overlays can be worn by Standard Patient as well, depending a little on the face shape of the wearer.

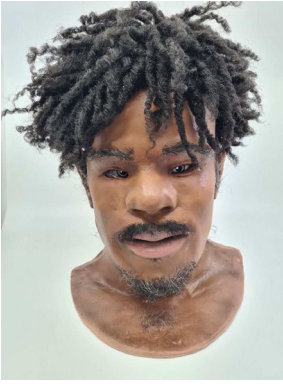
Each face has been handpainted by our FX artists, to create an original and realistic design.



"The masks are great, they are very realistic and add to our training"
Johanna Verheijen - First Training



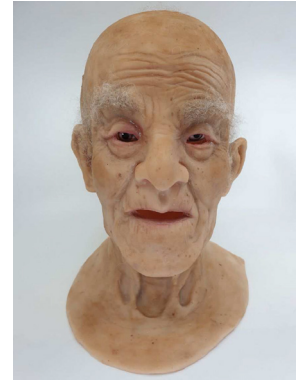
FACIAL OVER LAYS LAERDAL SimMan 3-G



George - SimMan Facial Overlay MM300



Sir Collingwood - SimMan Facial Overlay MM310



Mr. Wangler - SimMan Facial Overlay MM330



Jarrah - SimMan Facial Overlay MM340



MM350 Louise - SimMan Facial Overlay MM350



Donna - SimMan Facial Overlay MM400



Nadia - SimMan Facial Overlay MM411



Thomas - SimMan Facial Overlay MM431



Ralph Stenton - SimMan Facial Overlay



Noah - SimMan Facial Overlay MM460



Meiling Wu - SimMan Facial Overlay MM480



Fergus - SimMan Facial Overlay MM500

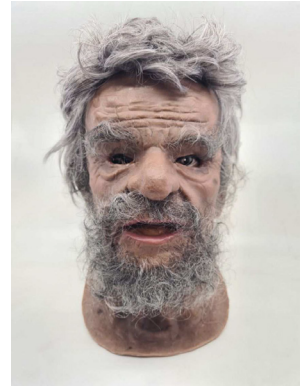
FACIAL OVER LAYS FOR OTHER MANIKINS



Ellen - Nursing Anne Facial Overlay MNU520



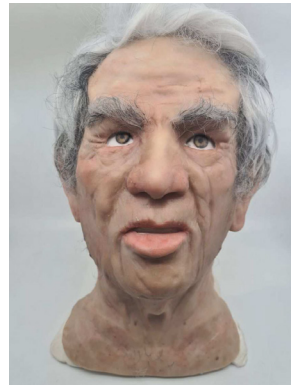
Pamela - Nursing Anne Facial Overlay MNU530



Marvin - ALS Facial Overlay MMA105



Murray - ALS Facial Overlay MMA100



Willem Sonneberg - Gaumard Hal Facial Overlay MMG150



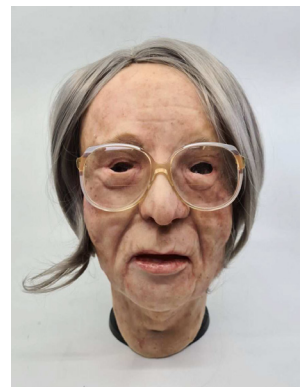
Gaston - Gaumard Hal Facial Overlay MMG180



William Hendrix - Face Overlay MMCAE320



Klaus Muhler - CLA Facial Overlay MCLA080



Gertrud Weiss - CLA Facial Overlay MCLA090



Katy - Junior Facial Overlay MJ120



Ella Pig Tails - Junior Facial Overlay MJ111



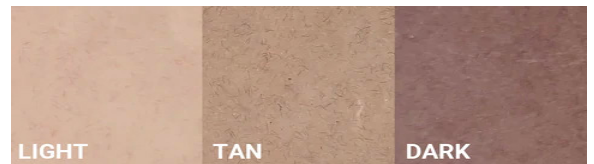
Tommy - Junior Facial Overlay MJ102

STICK ON APPLIANCES

Our stick on wounds increase realism for wound care and other training purposes. When needed, FX makeup including blood, pus, dirt and soot can be added. Edges can be hidden with items of clothing, jewellery or accessories. Though our stick on appliances are self adhesive, FX glue gel can be applied for greater adhesion, if required. For longer lasting adhesion we also supply Pros-Aid and Telsis glue.

Appliances are washable (warm water) and reusable, they are easy to apply and remove without leaving residue. Simply place the wounds back on the plastic sheet provided after washing and drying and store in a dark, cool place.

Wounds can be ordered in 3 different skin tones, and some may be used for cleaning or to be sutured. Wounds are sold on plastic sheets in collection of similar wounds. Wounds are not sold separately, unless specified.





Sheet Skin Tears
MP001



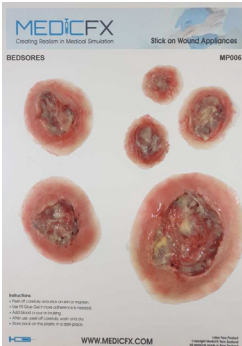
Sheet Small Trauma
MP002



Sheet Cuts &
Lacerations
MP003



Sheet Diverse
Trauma
MP004



Sheet Bedsores
MP006



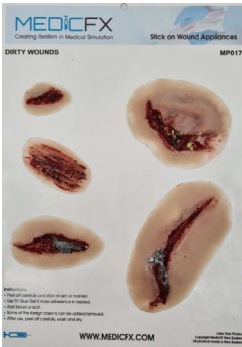
Sheet Scalding Burns
MP011



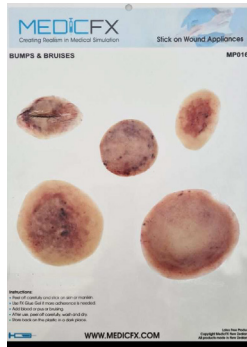
Sheet Shotwounds
MP012



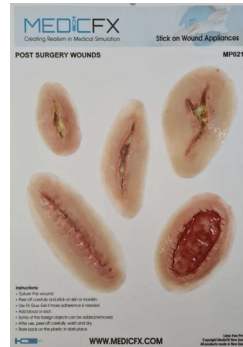
Sheet Battlefield
Trauma
MP014



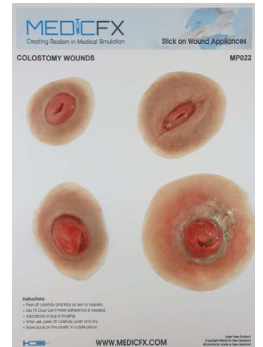
Sheet Dirty Wounds
MP017



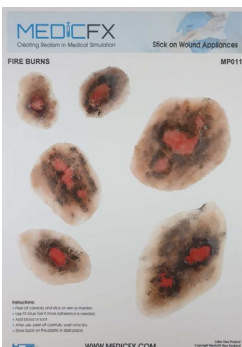
Sheet Bumps And
Bruises
MP016



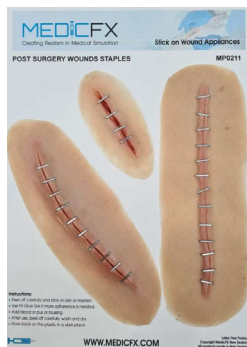
Sheet Post Surgical
Wounds
MP021



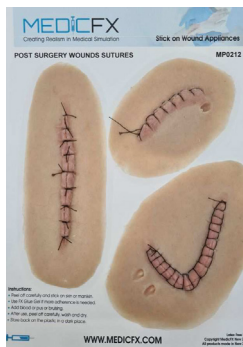
Sheet Colostomy
MP022



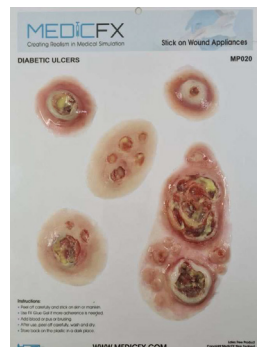
Sheet Fire Burns
MP011



Sheet Post Surgical
Wounds Staples
MP0211-D



Sheet Post Surgical Wounds
Sutures
MP0212



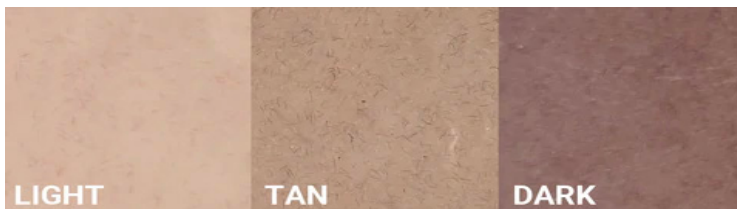
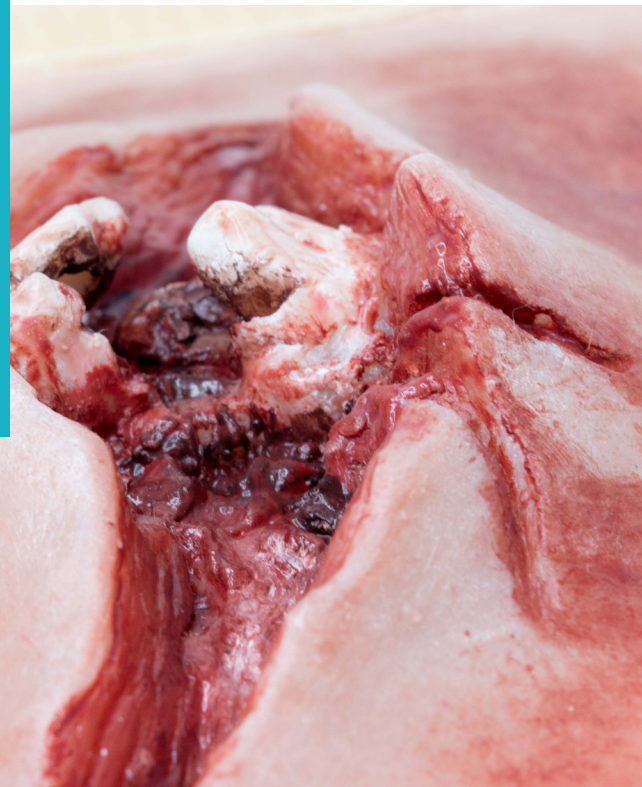
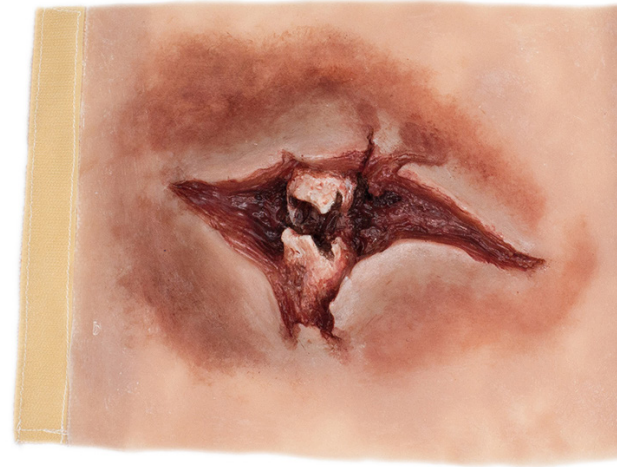
Sheet Diabetic Ulcers
MP020

WRAP AROUND APPLIANCES

Our wrap around appliances are full silicone with mesh backing and Velcro attachments unless mentioned as full sleeve appliance. All designs are hand made with great detail and can include attached blood lines. They are easy to wrap around the limbs and fastened with the Velcro. If it is too tight you can use extra pieces of Velcro to extend the appliance. If the appliance is too loose you can shorten the mesh with bandage clips.

MEDICFX Sleeves, are created with a very soft and durable Silicone with a mesh backing. They are designed to fit most SP and some Manikins. Each product has been hand-painted by our FX artists, to create an original and realistic design.

Products can be ordered in various skin tones, and some may be sutured.

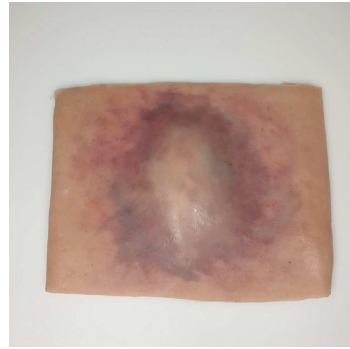




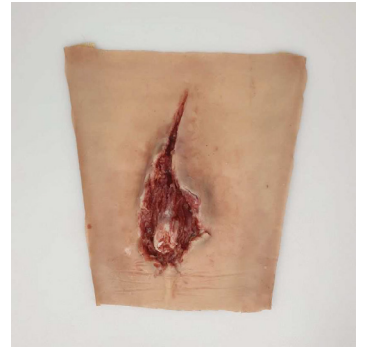
Open Fracture Trauma
MT001



Protruding Femur Fracture
MT002



Femur Fracture Closed
MT003



Open Wrist Fracture
MT005



Broken Tibia Trauma
MT006



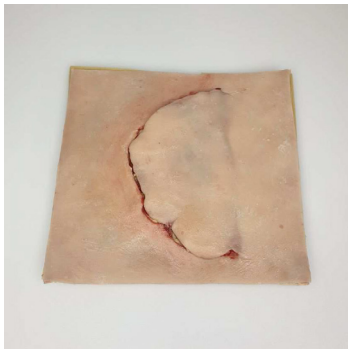
Tib Fib fracture
MT008



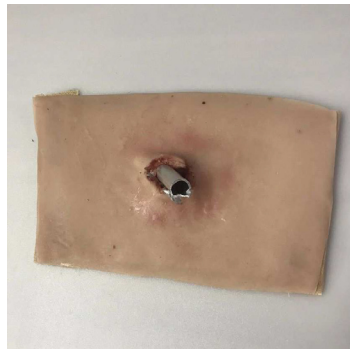
Slashes
MT018



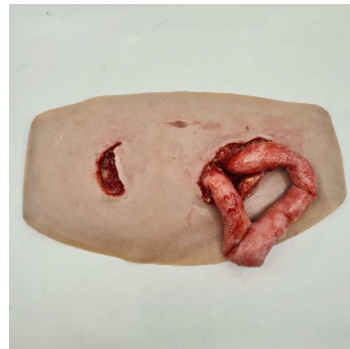
Abrasion
MT021



De-Gloved Leg Skin
MT025



Wound With Impalement
MT030-B



MT310 Eviscerated Belly
MT310



Exposed Ribs
MT320



Busted Knee Sleeve
MT340



Diabetic Sores On Leg
MW060



Large Infected Leg Wound
MW070



Bullet Entrance And Exit
Sleeve
MS010

BURNS

MEDICFX Burns are one of our most popular products, for hospital, military and emergency training.

The silicone models closely resemble fire, or bomb blast victims and can be created to represent 3rd degree burns from boiling liquids, or electrical accidents. Matching facial overlays are also available to fit SimMan and other manikin.

We can supply silicone gloves and stockings that are comfortable to wear and produce a realistic burned arm or foot. As well as full torsos, facial overlays and smaller stick on burn appliances.

Extra soot may be added to the burns, if necessary, as well as lubricant to resemble serum.





Electrical Burn Heel
MB435



Acid Burn
MB051



Electrical Burn Lower Arm
MB130



Burn Victim
MB810



Burned Hand
MB215-LC

MILITARY

We have a range of products created for the military and defence forces to aid in their unique military first aid training including: explosive blast wounds, protruding objects, shrapnel, shot and bullet wounds and traumatic amputations.

Compound fractures, stab wounds, amputated arms and legs are constructed with the simulation in mind, including the ability to apply amputated limbs over an amputation.





Tourniquet Training leg
MW800



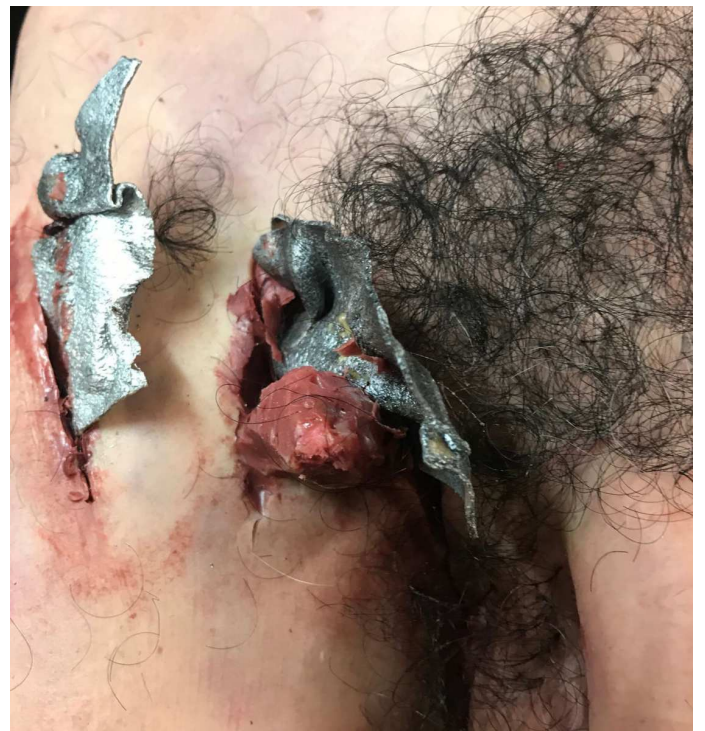
Training Leg For Wound Packing
MW810



Trauma Wound Packing Leg
MT815



Trauma Wound Packing Shoulder
MT830



Trauma Wound Packing Groin
MT845

GYNAECOLOGY & OBSTETRICS

We have a large number of birthing simulation models including pregnant bellies in different sizes with a fitting foetus, demo placentas and our popular perineal suture trainers. Some models are designed to fit manikin, and others, Standard Patient.

We stock female faces and breast torsos with standard, or nursing breasts and have designed and created inserts for different manikins (like nursing Anne) to allow realistic training in C-Section procedures, post partum hemorrhaging and ectopic pregnancies.

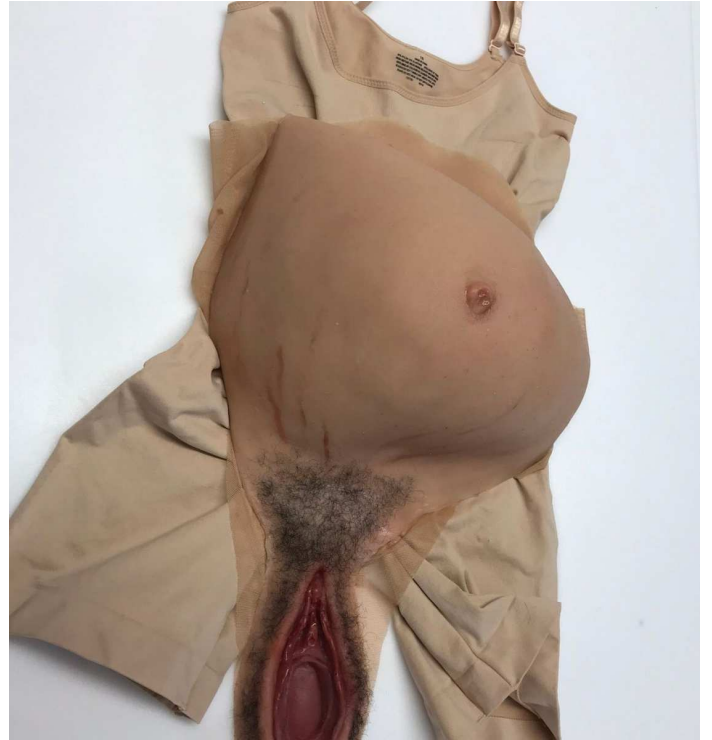
We have created inserts for different manikins (like nursing Anne) to allow realistic training in C-Section procedures, post partum hemorrhaging and ectopic pregnancies.

Don't leave your older manikins in the closet but use them in a different innovative way to train the team.





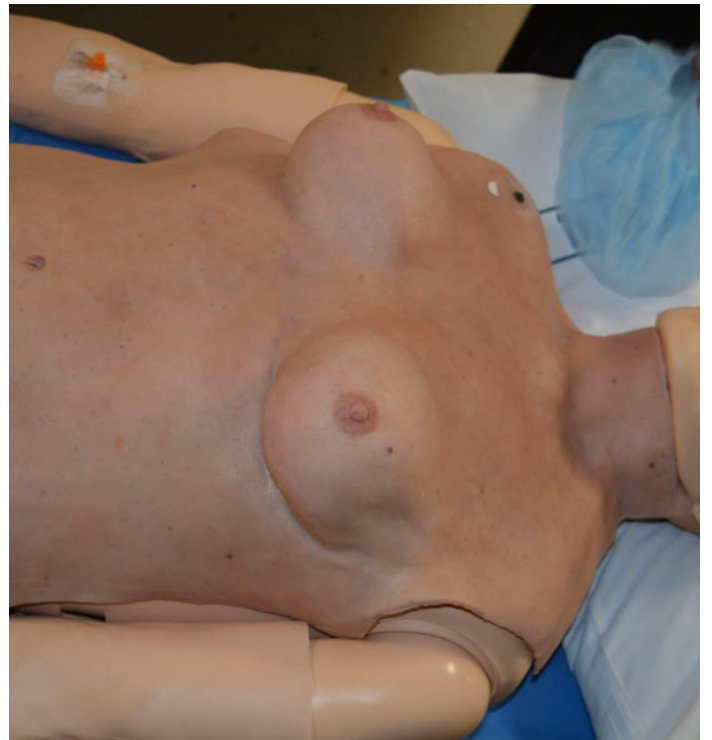
MO724 Full term Placenta and Cord
MO724



Pregnant Belly Medium With Vulva
MO704



Perineal Suture Trainer
MW225



Torso Female
MM540

PAEDIATRIC



Our most popular paediatric models are IV arms for toddler and infants, used for cannula/IV insertion and injection skills, and can be used multiple times.

Our paediatric range includes premature and newborn babies for birthing, handling after birth, infant management for low Apgar Score, or other abnormalities, and caring for an infant placed in an incubator, or in ICU.

We also have a unique range of babies with birth defects like schisis, gastroschisis and spina bifida.

Pediatric surgeons can train on operable newborn baby Oliver, or prem babies, Libby and Patrick. They each have abdominal organs with customised issues and can be repaired after each simulation.





Baby Lara preemie birthing baby
MO811



Baby Nina - Birthing
MO820



Baby Rohan - Birthing
MO840



Baby Tiny Toby - Birthing
MO860



MO815 Angel Libby
MO815

ELDER CARE

Torsos and facial overlays are available to change your manikin or Standard Patient to an elderly patient.

Bloodlines are embedded where needed and genital models can be catheterised. In our Wound section we also have a range of common conditions including skin tears, bedsores and skin ulcers.





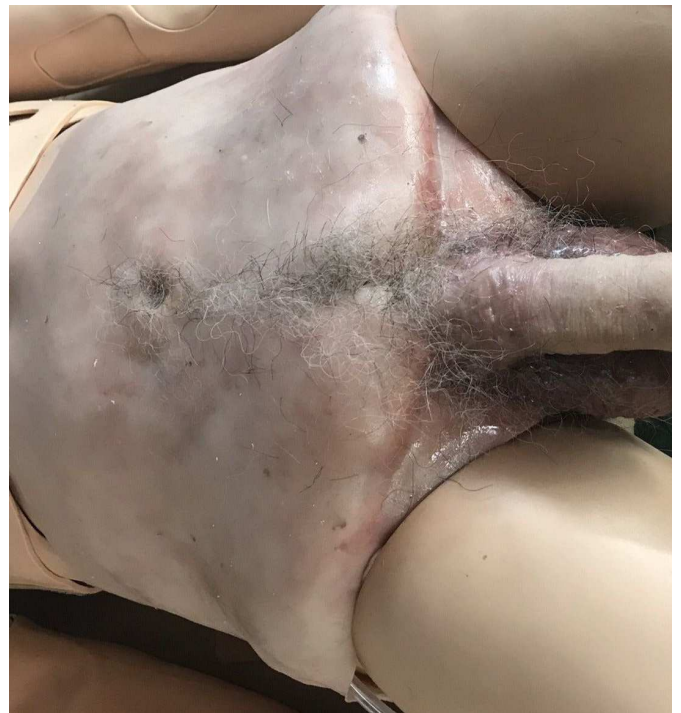
Male Arm Gloves
MM610-T



Torso Male Geriatric
MM575



Geriatric Female Belly And Vagina
MM590



Geriatric Male Belly
MM595

Big Clint Fat Neck Model

“Big Clint” is developed in collaboration with NZ leading anaesthetists who recognized the need for a sustainable device to practice fat neck airway training.

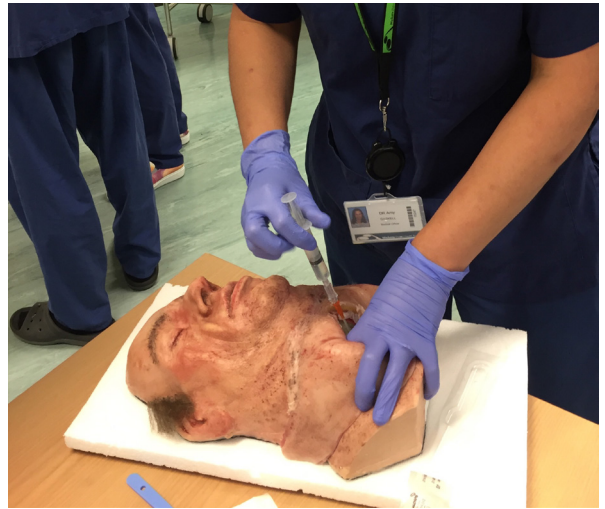
No longer need to go to the butcher to get a sheep head or other lump of organic matter that will deteriorate in days after. This training device is as realistic as possible and reusable in a few minutes to give a number of students the high fidelity training they need.

“Big Clint” consists of a base with a face and an open neck covered with the neck muscles. Behind them is the neck cartilage visible with a disposable trachea pipe. The cartilage is not penetrable and the trachea pipe can be moved in different directions. The included fatty tissue has to be spread all around the trachea.

This tissue is full silicone and can be cut in pieces and washed when needed. It will not deteriorate or smell badly.

The neck skin that covers the open neck can be secured with velcro at the sides. A thin membrane can be fitted in between. In this procedure the neck skin will be cut open vertically 8 to 10 cm, giving access to the underlying fatty tissue that needs to be penetrated with fingers to locate the trachea.

After the training session the neck skin and the membrane can be repaired with the repair kit. For quick turn around of students it is recommended to have a number of neckskins and membranes to use. After the training all of them can be repaired in one go.

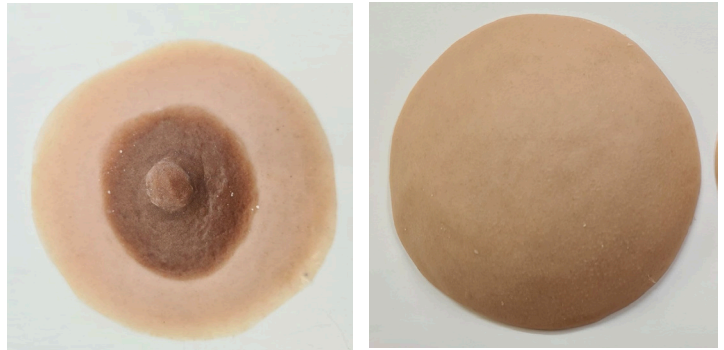


Big Clint Fat Neck Model
MM851

Cosmetic Appliances

Designed for the cosmetic industry, our cosmetic faces can be used as demonstration models for Botox, or other facelift application.

The faces have a hard skull insert and soft skin, with thinner, more delicate skin around the eyes. The mouth opens and the inside of the cheeks can be examined. The models have soft teeth, realistic eyes with lashes and punched in eyebrows and hairline. A hard foam core keeps the head easy to transport and practical to use.



NEW Breast Shields

Training skin for cosmetic tattooing of the nipple and areola. Great for demonstration and practice!



Cosmetic Chloe
MW900B



Cosmetic Cherie
MW900C