



MEDICFX

Creating Realism in Medical Simulation

PRODUCT CATALOG

WWW.SIMOVATION.COM.AU

At MEDICFX we understand realism's role in developing knowledge, skill and preparedness to support safer and improved outcomes in patient care, in any environment.

"Realistic Simulation helps save and improve lives"

For our full range please go to: www.medicfx.com

Enhance learning and readiness with life-like simulation training products

Product Details

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

A 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 re-purpose 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.

Bespoke Product Options

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

For bespoke products we work together with you and 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.

We have a range of skin tones, light, tan and dark, and wigs to choose from and use silicone in a range of density, 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 products that 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.

Full Product Range

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

Manikin - Facial Overlays



Transform your Sim-man or manikin for more believable and engaging training, while addressing age, gender and racial bias.

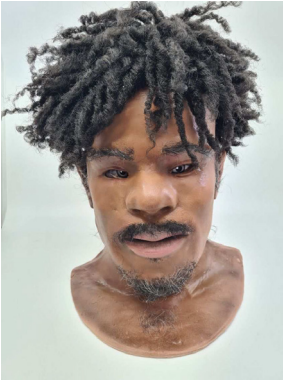
Most overlays have been designed to fit Lateral SimMan 3-G and also fit Standard Patient and other manikins as well. We can create overlays to fit any size or model.

All overlays are hand painted so there may be some minor variation. We can also create a unique face with specific characteristics, disease, or wounds and different wigs.

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



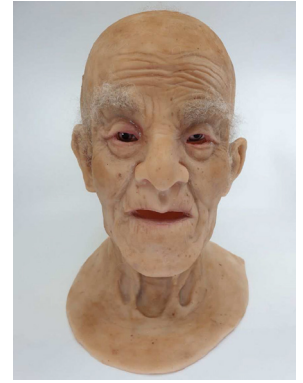
Facial Overlays for SimMan 3-G



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

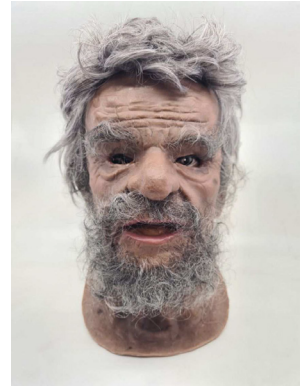
Facial Overlays for other Manikins



Ellen - Nursing Anne Facial Overlay MNU520



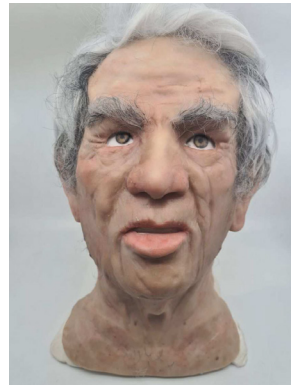
Pamela - Nursing Anne Facial Overlay MNU530



Marvin - ALS Facial Overlay MMA105



Murray - ALS Facial Overlay MMA100



Willem Sonneberg - Gaumard Hal Facial Overlay MMG150



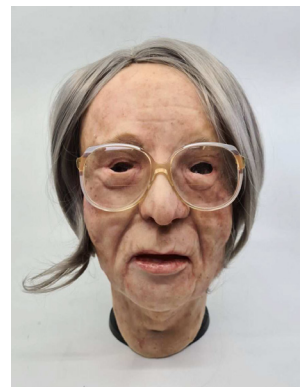
Gaston - Gaumard Hal Facial Overlay MMG180



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

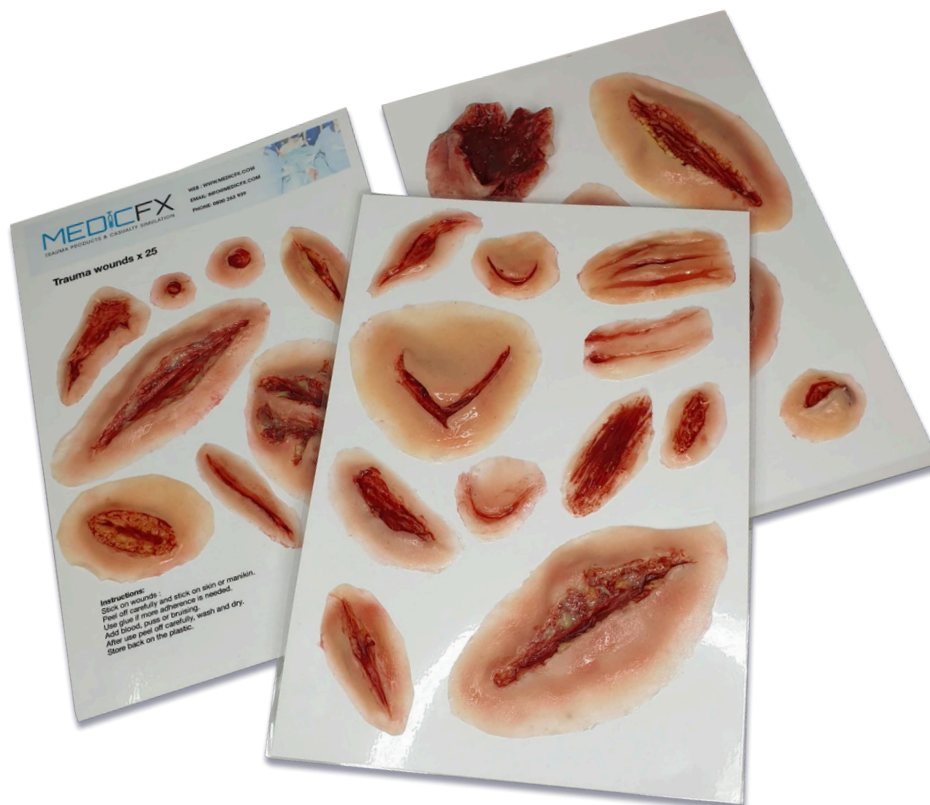


Tommy - Junior Facial Overlay MJ102

Wounds - Stick On

Our stick on wounds increase realism for wound care and other training purposes. FX makeup including blood, pus, dirt and soot can be added when needed. Self adhesive, FX glue gel can be applied for greater adhesion, if required. For longer lasting adhesion we also supply Pros-Aid and Telesis glue.

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





Sheet Skin Tears
MP001



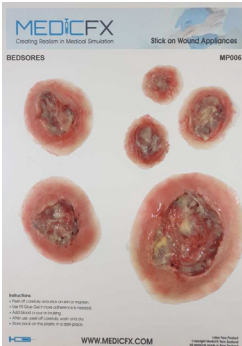
Sheet Small Trauma
MP002



Sheet Cuts &
Lacerations
MP003



Sheet Trauma
Diverse
MP004



Sheet Bedsores
MP006



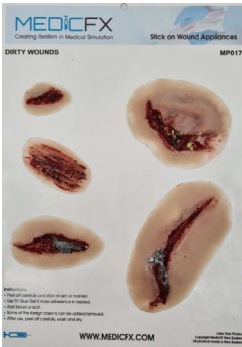
Sheet Scalding Burns
MP011



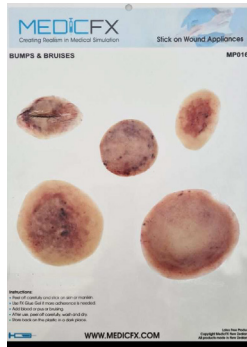
Sheet Shotwounds
MP012



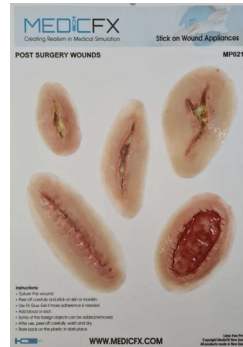
Sheet Battlefield
Trauma
MP014



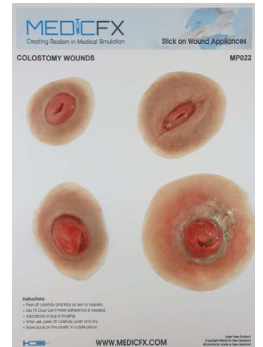
Sheet Dirty Wounds
MP017



Sheet Bumps And
Bruises
MP016



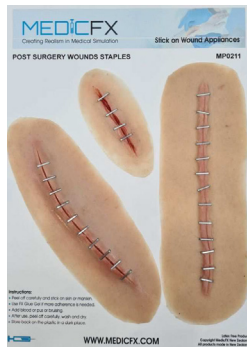
Sheet Post Surgical
Wounds
MP021



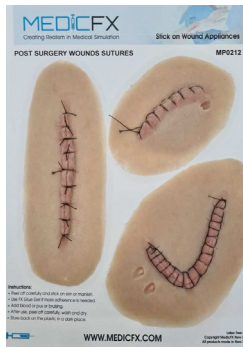
Sheet Colostomy
Wounds
MP022



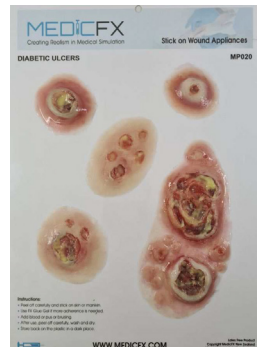
Sheet Fire Burns
MP011



Sheet Post Surgical
Wounds Staples
MP0211-D



Sheet Post Surgical Wounds
Sutures
MP0212

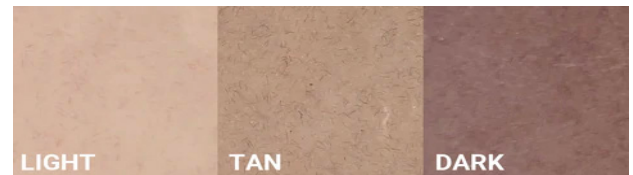


Sheet Diabetic Ulcers
MP020

Trauma - Wrap Around Appliances

All made from high quality silicone, compound fractures, stab wounds, amputated arms and legs and other injuries come in wrap-around form with mesh backing and secure in place with Velcro, or as a sleeve appliance.

Designed to fit most manikins, they can also be used in training where colleagues are practicing on each other.

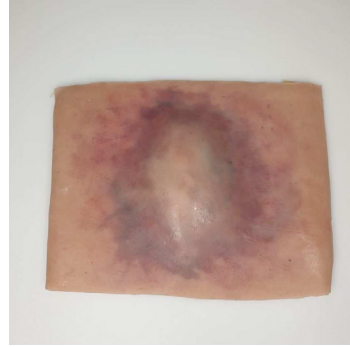




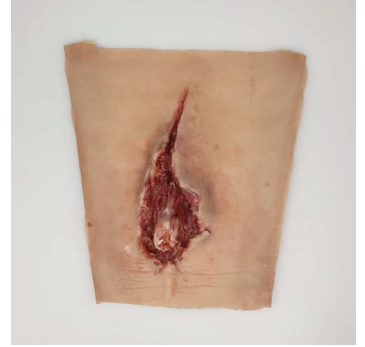
Open Fracture Trauma
MT001



Protruding Femur Fracture
MT002



Femur Fracture Closed
MT003



Open Wrist Fracture
MT005



Broken Tibia Trauma
MT006



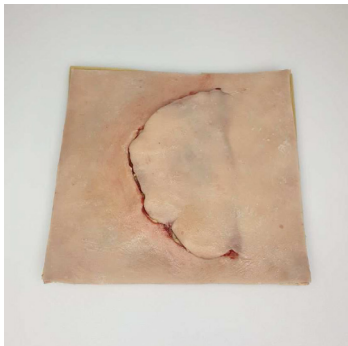
Tib Fib fracture
MT008



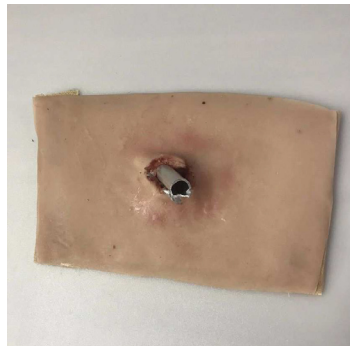
Slashes
MT018



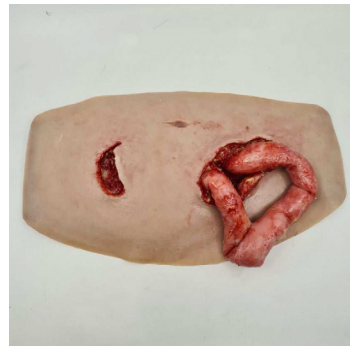
Abrasion
MT021



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

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.

All burn designs are full silicone on mesh backing with Velcro attachments, or full sleeves and stockings.





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 specialist first aid training including: explosive blast wounds, protruding objects, shrapnel and bullet wounds and traumatic amputations.





Tourniquet Training leg
MW800



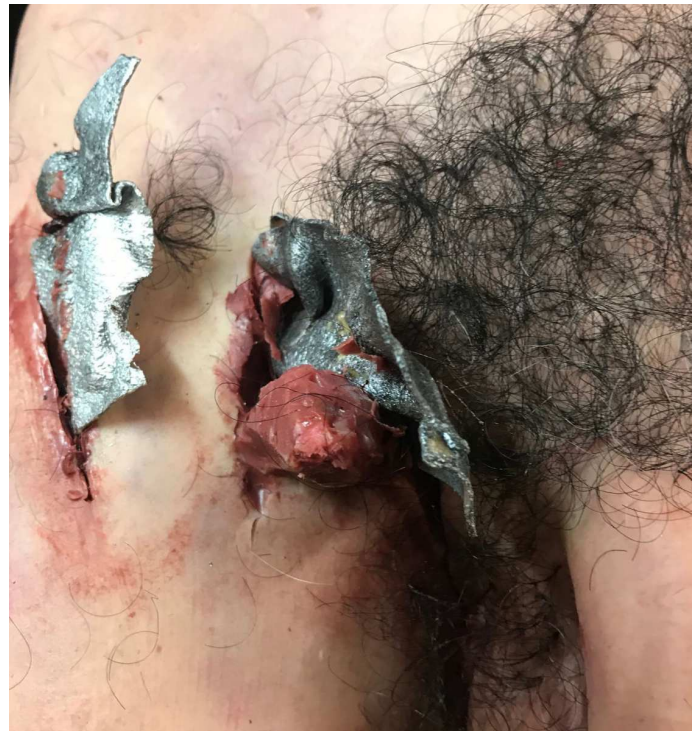
Training Leg For Wound Packing
MW810



Trauma Wound Packing Leg
MT815



Trauma Wound Packing Shoulder
MT830



Trauma Wound Packing Groin
MT845

Obstetrics and Gynaecology

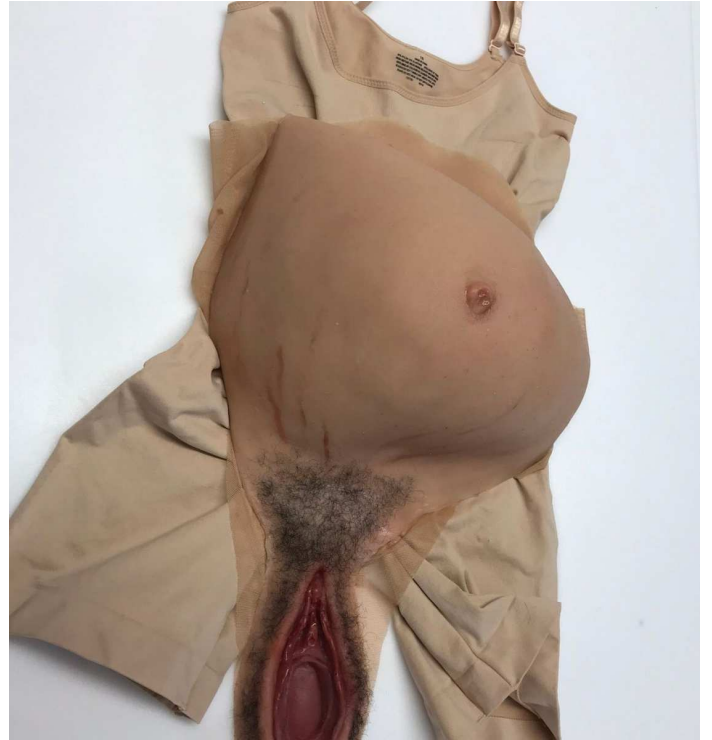
We have a large number of birthing simulation models including pregnant bellies in different sizes with a fitting foetus, demo placentas and our popular perineal suture trainers. Some models are designed to fit manikin, and others Standard Patient.

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.





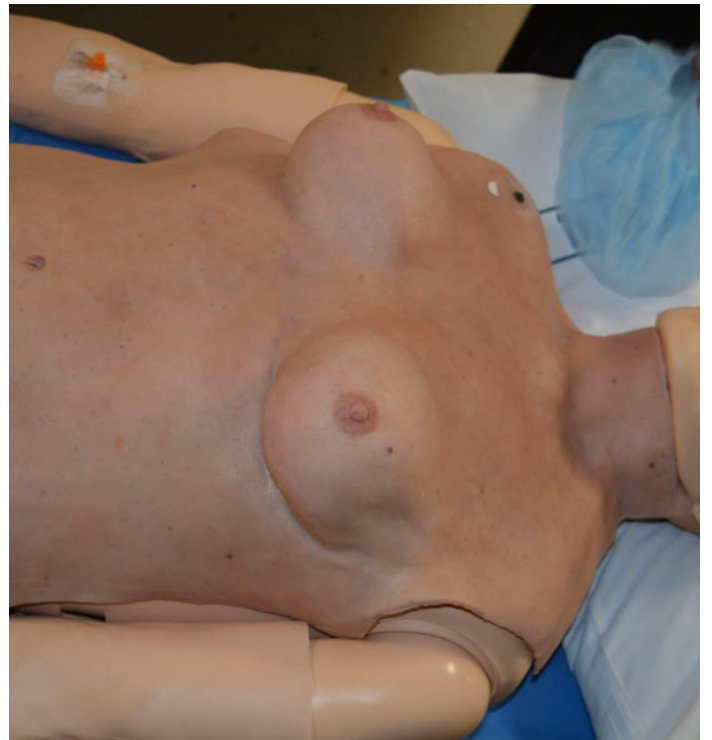
MO724 Full term Placenta and Cord
MO724



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.

Paediatric 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



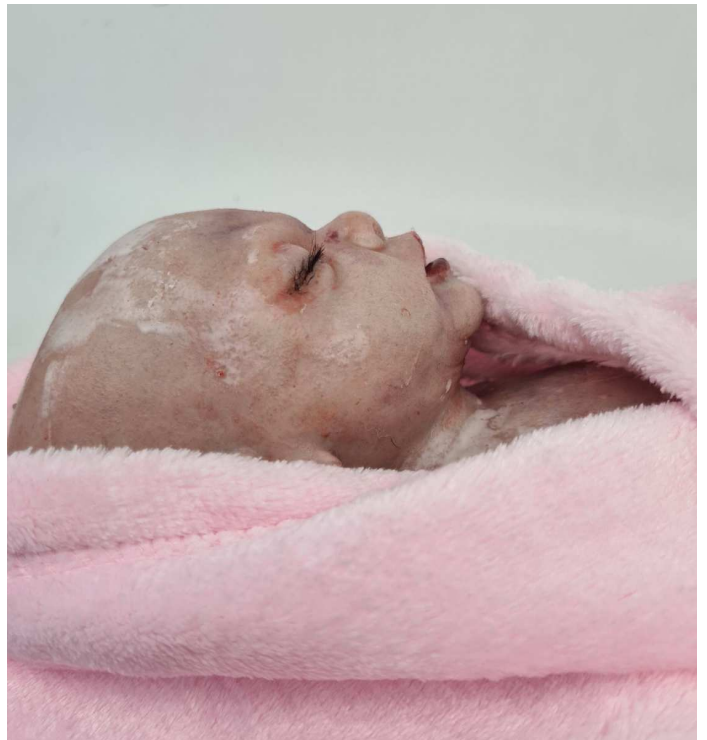
Baby Nina - Birthing
MO820



Baby Rohan - Birthing
MO840



Baby Tiny Toby - Birthing
MO860



MO815 Angel Libby
MO815

Elder Care

Torsos, facial overlays and common skin injuries are available to change your manikin or Standard Patient to an older person.

Please see our wound section to choose from a range of adhesive skin tears, pressure sores/ulcers, common issues when providing care for the elderly.

Bloodlines can be embedded where needed and genital models catheterised.





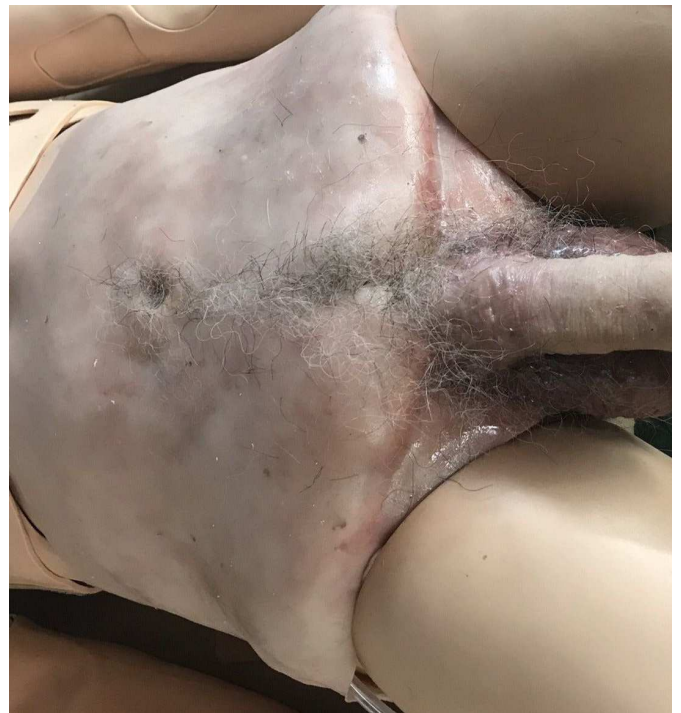
Male Arm Gloves
MM610-T



Torso Male Geriatric
MM575



Geriatric Female Belly And Vagina
MM590



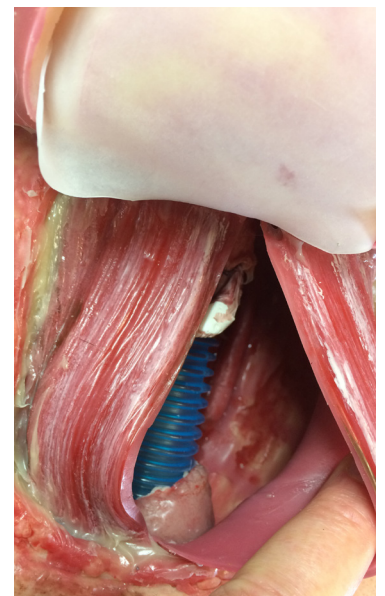
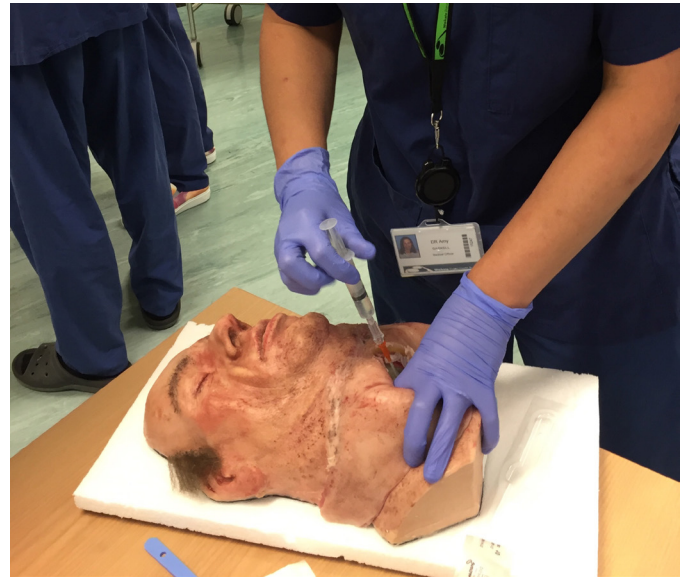
Geriatric Male Belly
MM595

Airway Training Model

“Big Clint” was developed in collaboration with leading New Zealand anaesthetists who recognised the need for a plus size model for airway training.

Big Clint consists of a base with a face, skin able to take an 8-10cm incision, giving access to the underlying fatty tissue and exposed muscle layers, allowing fingers to locate the trachea. The trachea (disposable) is visible. The cartilage is not penetrable but is mobile and can be moved in different directions.

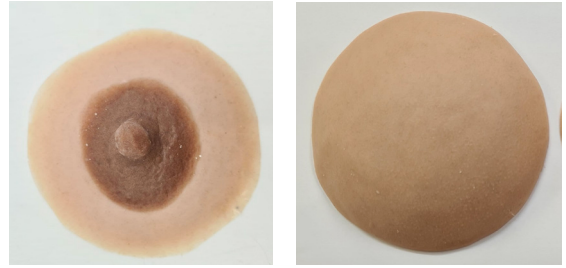
The model is made from quality silicone and can be cut and washed. For use with a group of students we recommend having multiple copies of the skin and membrane. The repair kit allows both skin and membrane to be repaired after use, ready for the next training session.



Big Clint Fat Neck Model
MM851

Breast Shields

Ideal for demonstrating, or practicing cosmetic tattooing of the areola and nipple.



Cosmetic Models

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

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.



Cosmetic Chloe
MW900B



Cosmetic Cherie
MW900C

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Contact Details

For more information and our full range of products please visit our website: www.medicfx.com

Contact SIMOVATION on 07 3170 1390 or 045 2407992
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