

Ultimate Hurt

Directions for Use



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helping save lives

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Ultimate Hurt is a full-body, lifelike vinyl manikin that realistically simulates a trauma patient. It is specifically designed for training professionals in the field of emergency care and transportation of the sick and injured.

The manufacturing quality of this simulator should provide many sessions of training when reasonable care and maintenance are practiced.

Laerdal Recommends:

Endotracheal tube - Size 7.5 ID or smaller

10 ml syringe

Laryngoscope

Laryngoscope blade - Sizes #3 or #4, straight or curved

Instructor Notes:

Items Included:

- (1) Full Body Manikin
- (1) Mr. Hurt Head Trauma Simulator
- (1) Trauma Intubation Head
- (1) Deluxe Intubation Head
- (1) Advanced Trauma Modules
- (1) Jacket
- (1) Pants
- (1) Carrying Case

Skills Taught:

- Oral intubation
- Nasal intubation
- Digital intubation
- EOA/PTL intubation
- Combitube® intubation
- Right mainstem intubation
- Oropharyngeal and nasopharyngeal airway insertion
- Bag/Valve Mask
- Suctioning techniques
- Wound management
- Carotid pulse palpation
- Extrication
- Basic patient handling
- Stomach auscultation to verify proper airway positioning

Preparing the Manikin for Use:**Head:**

Head is connected to torso with a long bolt at base of neck, secured with a lock nut.

To remove:

1. Remove chest plate.
2. Lift esophagus and trachea out of the way.
3. Detach stomach reservoir.
4. Remove lock nut.

Chest Plate:

Chest plate fits into torso by inserting ledge on plate into corresponding groove on torso cavity.

To remove:

1. Apply pressure to center of plate.
2. Work your fingers under edge of plate.
3. Lift out.

To insert:

1. Position plate over cavity.
2. Work edges into groove on torso cavity.

Belly Plate:

Belly plate fits into lower torso by inserting ledge on plate into corresponding groove on torso cavity.

To Remove:

1. Pull plate out by applying pressure to center of plate.
2. Work your fingers under edge of plate.
3. Lift out.

To Insert:

1. Position plate over cavity.
2. Work edges into groove on torso cavity.

Injection Pads:

To remove:

Squeeze pad together with fingers and pull.

To replace, reverse procedure.

Waist, Elbow, Knee and Ankle Joints:

These joints are connected by a bolt and lock nut.

To remove:

1. Unscrew lock nut.
2. Pull bolt out of joint.

The segments will now easily disconnect.

Laerdal Recommends:

When assembled, dust with talcum powder to enhance articulation.

Arms:

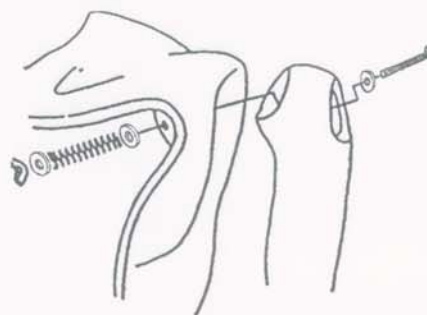
Arms are attached with a bolt, two washers, a spring and a wing nut.

To attach:

1. Remove chest plate from manikin to locate hole in shoulder.
2. Remove deltoid injection pad from arm.
3. Unscrew wing nut from bolt in arm and remove wing nut, two washers and spring.
4. Insert bolt through hole in shoulder.
5. Slide one washer, spring and second washer back over bolt.
6. Use a screwdriver to hold bolt steady while tightening the wing nut. (See Fig. 1)

To remove arms, reverse procedure.

Fig. 1

**Legs:**

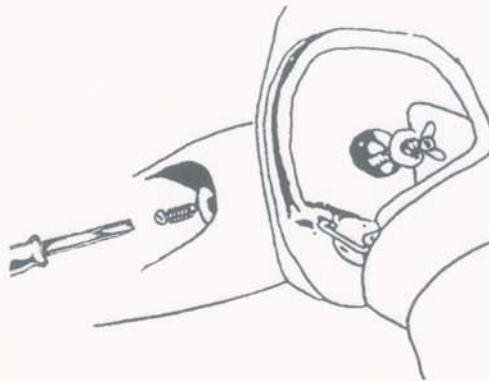
Legs are attached with a bolt, two washers, a spring and a wing nut.

To attach:

1. Remove belly plate from manikin to locate hole in hip.
2. Remove thigh injection pad from leg.
3. Remove wing nut and washer from bolt inserted in the leg. (Leave spring assembly in thigh of leg.)
4. Insert bolt through hole in pelvis.
5. Slide washer and wing nut back over bolt.
6. Use a screwdriver to drive bolt into wing nut (See Fig. 2).

To remove legs, reverse procedure.

Fig. 2



Instructions for Use:

Intubation:

When using Trauma Intubation Head or Deluxe Intubation Head, the following equipment is recommended:

- a. Endotracheal tube size 7.5 ID or smaller
- b. 10 ml syringe
- c. Laryngoscope blade, sizes #3 or #4 straight or curved blade
- d. Laryngoscope handle

Laerdal Recommends

Intubation devices and airway passages should be lubricated with silicone or liquid soap prior to intubation.

IMPORTANT: MR HURT HEAD IS NOT AN INTUBATION TRAINER!

Care and Maintenance:

1. Clean with mild soap and water; do not submerge manikin or parts in cleaning fluids or water.
2. Use only on clean surface. Avoid felt tipped markers, ink pens, acetone, iodine or other staining products and avoid placing the manikin on newsprint or inked lines of any kind.
3. To ensure longevity, each manikin should be cleaned after each training session and a general inspection should be conducted regularly.
4. Modules and all other parts should be drained and air dried thoroughly before storage and disinfected when needed. After use of injection pads (*use water only*), accumulated water should be squeezed out. Do not store wet foam pads in the skin. To prevent mildew or mold, pads can be soaked in a mild solution of disinfectant and water or bleach and water. Squeeze excess solution from pads, allow them to dry, then store or reinsert in manikin.
5. Articulating parts will benefit from a light application of talcum powder prior to training sessions.
6. Store properly between teaching sessions.

Warranty

Laerdal Medical warrants to the purchaser that its products are free from defects in material and workmanship for a period of one (1) year from the date of purchase by the original user. During the designated one (1) year period, Laerdal Medical will, upon receipt of a product found to be defective due to materials or workmanship from the purchaser and notification in writing of the defect, at its option repair or replace any parts found to be defective or the entire product. Warranty period does not renew with replacement or repair of original product.

Products found to be defective and notification of defects may also be sent to the authorized Laerdal Medical dealer from whom the product was purchased. All postage, shipping or handling charges shall be the sole responsibility of the purchaser.

Laerdal Medical is responsible for the effects of safety, reliability and performance of its product(s) only if:

- service, repair, readjustment or modification is carried out by Laerdal Medical or persons authorized by Laerdal Medical.
- the electrical installation of the room where the product is used complies with pertinent equipment requirements.
- the product is used in the proper manner in strict compliance with its Directions for Use.

Laerdal Medical shall not be liable under this warranty for incidental or consequential damages, or in the event any unauthorized repairs or modifications have been made or attempted, or when the product, or any part thereof, has been damaged by accident, misuse or abuse. This warranty does not cover batteries, fuses, normal wear and tear, excessive use, staining, discoloration or other cosmetic irregularity which does not impede or degrade product performance.

Some states in the USA do not allow the exclusion or limitation of incidental or consequential damages, so those limitations or exclusions may not apply to you.

There are no other express or implied warranties, whether of merchantability, fitness or purpose, or otherwise, on the product, its parts and accessories.

Replacement Parts:

<u>Product Number:</u>	<u>Description:</u>
380460	Genitalia, Blank-
Adult	Male
380475	Pin, Pelvis
380600	Leg Assembly, Left
	Adult
380650	Leg Assembly, Right
	Adult
380800	Arm Assembly, Left
	Plain Adult
380801	Hand, Left Adult
Male	
381401	Arm, Upper Right
	Adult Male
381402	Pad Assembly,
Deltoid	Injection Adult
381502	Foot, Right Crushed
	Adult
381503	Pad, Deltoid Gunshot
	Large Caliber Adult
381504	Pad, Deltoid Gunshot
	Small Caliper Adult
381505	Pad, Ventrogluteal
	Gunshot Small
Caliber	Adult
381506	Pad, Gluteal Gunshot
	Large Caliber
Adult	
381507	Pad, Thigh Impaled
	Adult
381508	Pad, Thigh Open
	Fracture Adult
381509	Leg Assembly, Lower
	Left Contused
	Foot/Ankle
Adult	
381510	Leg assembly, Lower
	Right
W/Fracture	Adult
381512	Skin, Abdominal
	W/Exposed Viscera
	Adult
101-10150	Belly plate, Hospital-
	Adult Plain

200-02150	Jacket, Adult-Blue
200-02250	Pants, Adult-Blue
201-00150	Head Assembly,
Adult	Male-Intubation
	w/Lungs
201-00250	Torso, Adult Male-
	Hospital Full Cut
261-02001	Mr. Hurt Head
	Simulator
276-00150	Case, Carrying
276-00250	Head Assembly,
	Trauma
276-00350	Forearm Assembly,
	Right W/Lacerated
	Dorsum Hand
276-00450	Forearm, Left
W/Burnt	Hand Adult Male
276-00550	Belly plate, Hospital-
	Exposed
Viscera Adult	
276-00650	Pad, Foreman-Open
	Fracture Right
276-01150	Chest plate, Hospital
	Gunshot
Wound	
300-00150	Pad Assembly, Thigh
	Injection Adult
300-00250	Pad Assembly,
	Ventrogluteal
Injection	Adult Male
300-00350	Pad Assembly,
Gluteal	Injection Adult Male
300-00650	Lubricant, Manikin-4
oz	Bottle W/Sprayer
300-00950	Denture Set,
	Upper/Lower Adult
300-01350	Reservoir Assembly,
	Stomach-
Hosp Adult	Male
300-01450	Pelvis, Adult Male-
	Hospital w/o Bridge
300-01550	Lung Bag Assembly
300-01850	Teeth, Upper-Adult
300-01950	Teeth, Lower-Adult
300-02350	Forearm, Right Adult
	Male

300-02450

Adult

300-02550

Male

300-02650

Adult

300-02750

300-02850

300-02950

300-03050

Adult

300-03150

300-03250

300-03350

300-03450

300-04250

Legs/Arms to

300-04350

Pelvis/Torso

300-05150

300-10250

Male

Pad, Forearm Right
Non-Injection

Male

Hand, Right Adult

Arm, Upper Left

Male

Forearm, Left Adult

Male

Pad, Forearm Left

Non-Injection Adult

Male

Thigh, Right Adult

Leg, Lower Right

Foot, Right Adult

Thigh, Left Adult

Leg, Lower Left Adult

Foot, Left Adult

Hardware Set, Adult

Manikin-

Body

Hardware Set, Adult

Manikin-

Arm Assembly, Right

Plain Adult

Chest plate, Hospital

Plain Adult

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