

FM/AS-02  
**Model of face and upper torso showing ligature material encircled above the thyroid cartilage indicating**  
**Description:** Face and upper torso showing ligature material encircled above the thyroid cartilage indicating HANGING (SUSPENSION)  
**MLI Importance:**  
Hanging is a common form of suicide.





TR-TL-09  
**Model of face and upper torso of a human showing arborescent pattern due to passage of electric current**  
**Description:**  
Model of face and upper torso of a human showing arborescent pattern due to passage of electric current seen in cases of electrocution (lightning)  
**M.L.Importance:**  
Arborescent pattern is due to rupture of smaller blood vessels at several places giving rise to ecchymosis.

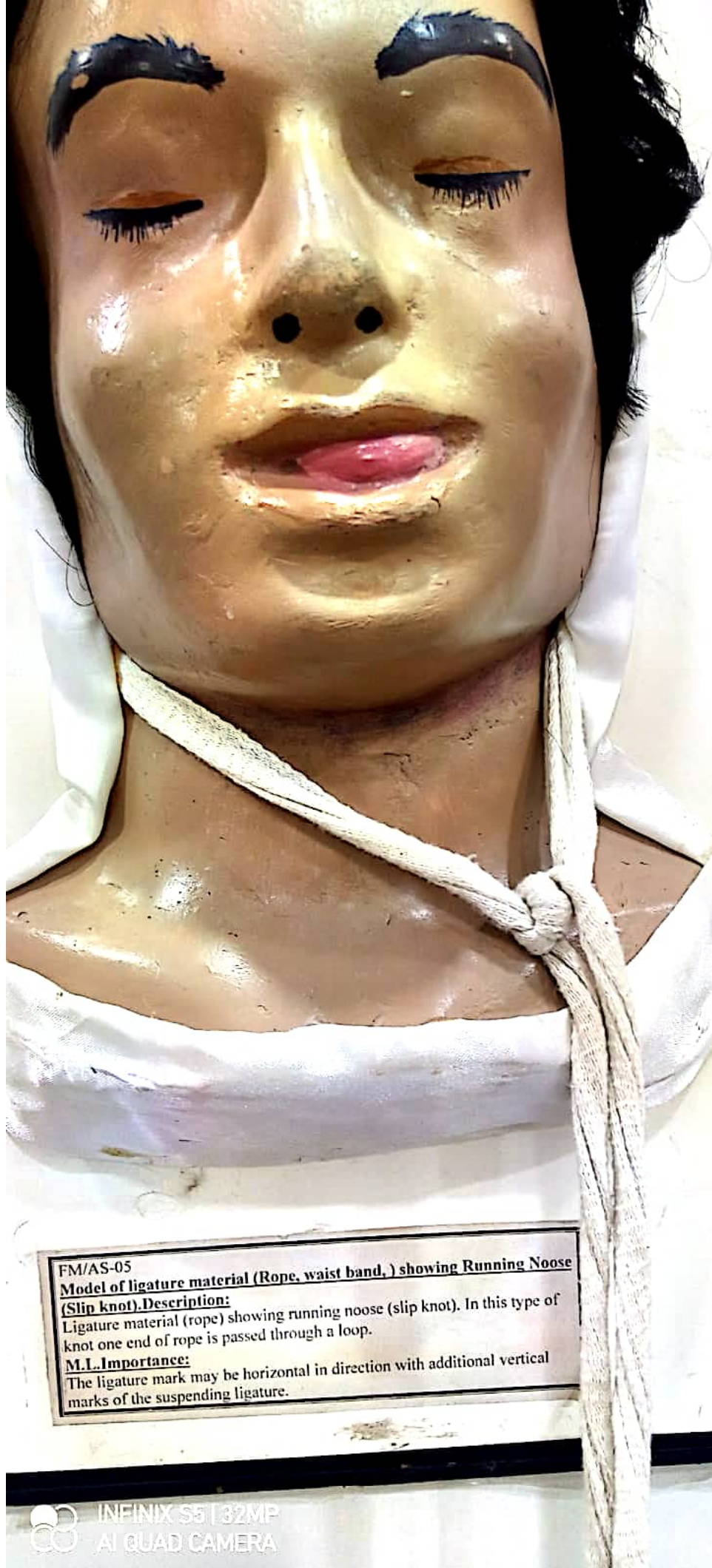




**FM/AS-10**  
**Model of female face and neck crescentic shape scratches and bruises (six penny) on neck and around oro-nasal area**

**Description:**  
Face and neck of a female showing multiple crescentic shape scratches and bruises (six penny) on neck around oro-nasal area condition called as manual strangulation or throttling and smothering.

**M.I. Importance:**  
Homicidal throttling is common forms of homicide victims are usually infants, children and women.



FM/AS-05

**Model of ligature material (Rope, waist band, ) showing Running Noose (Slip knot).**

**Description:**  
Ligature material (rope) showing running noose (slip knot). In this type of knot one end of rope is passed through a loop.

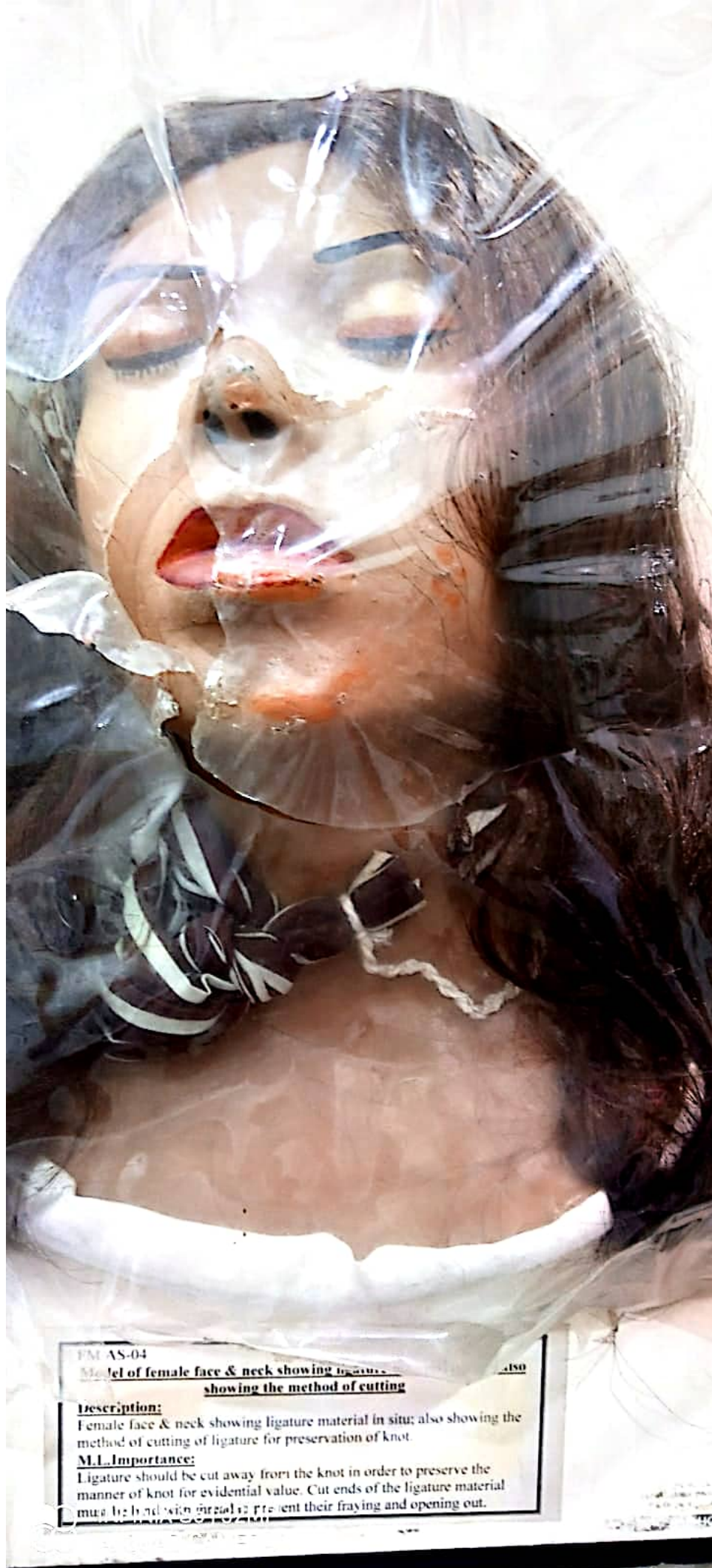
**M.L. Importance:**

The ligature mark may be horizontal in direction with additional vertical marks of the suspending ligature.



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FM AS-04

Model of female face & neck showing ligature material in situ; also showing the method of cutting

**Description:**

Female face & neck showing ligature material in situ; also showing the method of cutting of ligature for preservation of knot.

**M.I. Importance:**

Ligature should be cut away from the knot in order to preserve the manner of knot for evidential value. Cut ends of the ligature material must be held with gauze to prevent their fraying and opening out.

FM/AS-06

**Model of female's face and neck with a telephone cord (legating material) encircling around the neck.**

**Description:**

Female's face and neck with a telephone cord (legating material) encircling around the neck, indicating STRANGULATION BY LIGATURE. Bruises are shown over the breasts.

**ML Importance:**

Indicates homicide  
In female, examination of sexual organs must be done & appropriate specimens must also be taken for laboratory examination.







FM/AS-08

**Model of hand showing wrinkling, bleaching and saddening.**

**Description:**

Hand showing wrinkling, bleaching and saddening – condition called as WASHER WOMAN HAND.

**M.L. Importance:**

1. Indicates presence of hand in water for a long duration
2. It is not a sure sign of death due to drowning (Immersion)
3. Indicates time that the body has been in water ( 12-18 hours).



**FM/AS 9** Human feet (Planter Surface) showing wrinkling, Bleaching and saddening -- condition called as **WASHER WOMAN FEET.**





TR-11-06  
**Model of hand showing a longitudinal bizarre (erratic) wound with charring of the tissues and carbonization at the palmer aspect of hand**  
**Description:**  
Model of hand showing a longitudinal bizarre (erratic) wound with charring of the tissues and carbonization at the palmer aspect of hand – condition known as FLASH CONTACT ELECTRIC BURN.  
**M.I. Importance:**  
Flash burns are due to contact with very high voltage (11,000 volts).

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FM/AS-03

Model of neck showing ligature mark

Description :

Neck showing ligature mark above the level of thyroid cartilage

M.L.Importance:

Indicates complete suspension (Hanging)



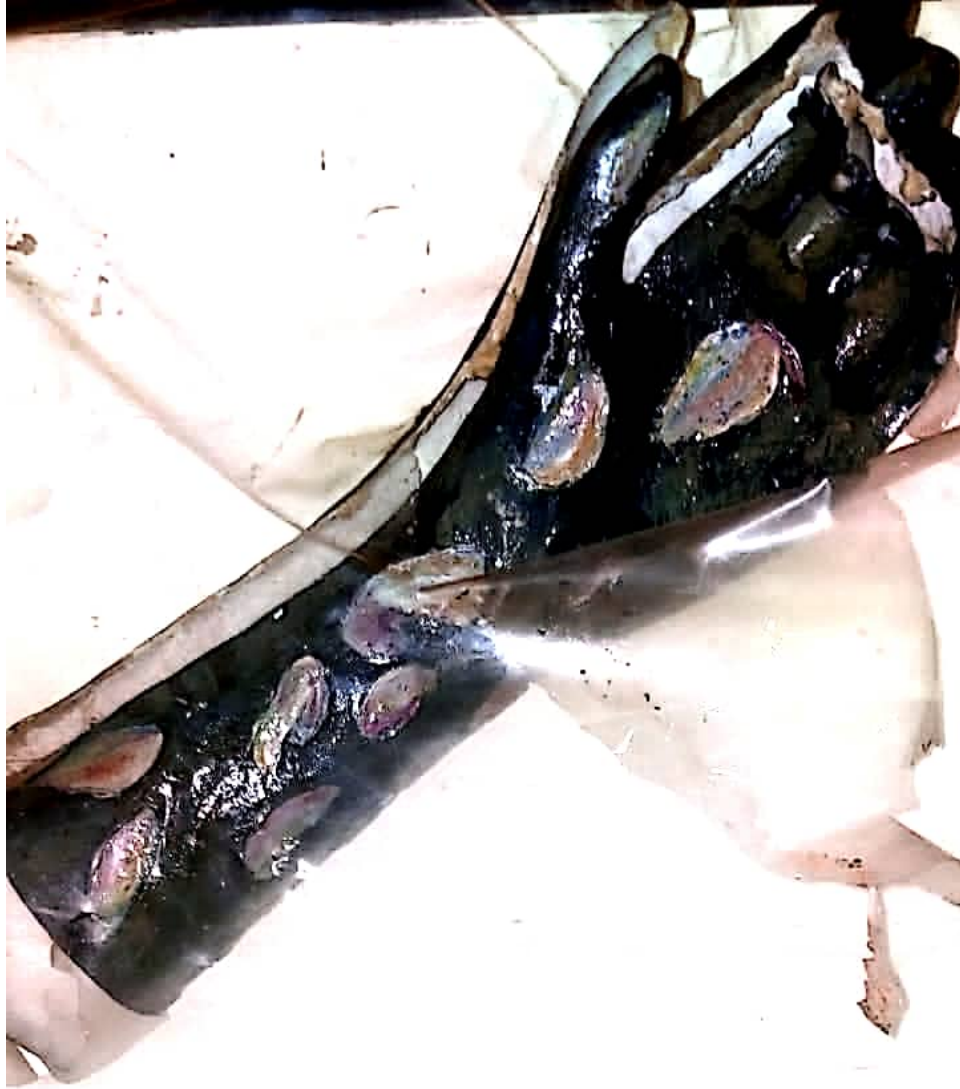


FM/ID-06

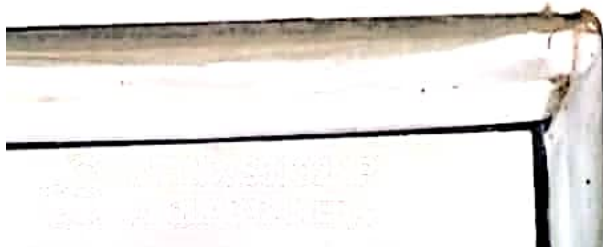
**Electric Burn.**

**Description:**

Electrical burns caused by repeated application of 'ive two-pin plug. Electrical discharges or flashes characterized by a sharp local capillary spasm causing local whitening around which a zone of hyperemia quickly becomes established.



TR-11. -02 Model of human arm showing charring of the tissues.  
Description: Model of human arm showing charring of the tissues.  
M.L. Importance:  
Charring of tissue is caused by exposure to extreme dry heat.  
Absence of vital reaction indicates post-mortem burns (burnt after death)







FM-ELC-1  
**HIGH VOLTAGE ELECTRICAL INJURY.**  
**Description:**  
Model of hand showing Electrocutation Injury  
High voltage electrical line, entrance wound  
injury.



TR-71-04 Model of human arm showing multiple vesicles (bullae)

**Description:**  
Model of human arm showing multiple vesicles (bullae) caused due to moist heat - SCALDS, one vesicle is ruptured.

**M.L. Importance:**  
The blisters surrounded by a thin bright red area of inflammation indicate their acute nature.  
Rupture blister exposes a pink raw surface.





**FM/ID-08**

**Model of hand showing burn by power current.**

**Description:**

*The electric burn is a specific phenomenon associated with the passage of the electric current through the body. The actual shape and area correspond to the area pattern of the source of electricity with spark. Flash charring of the tissue occurs.*

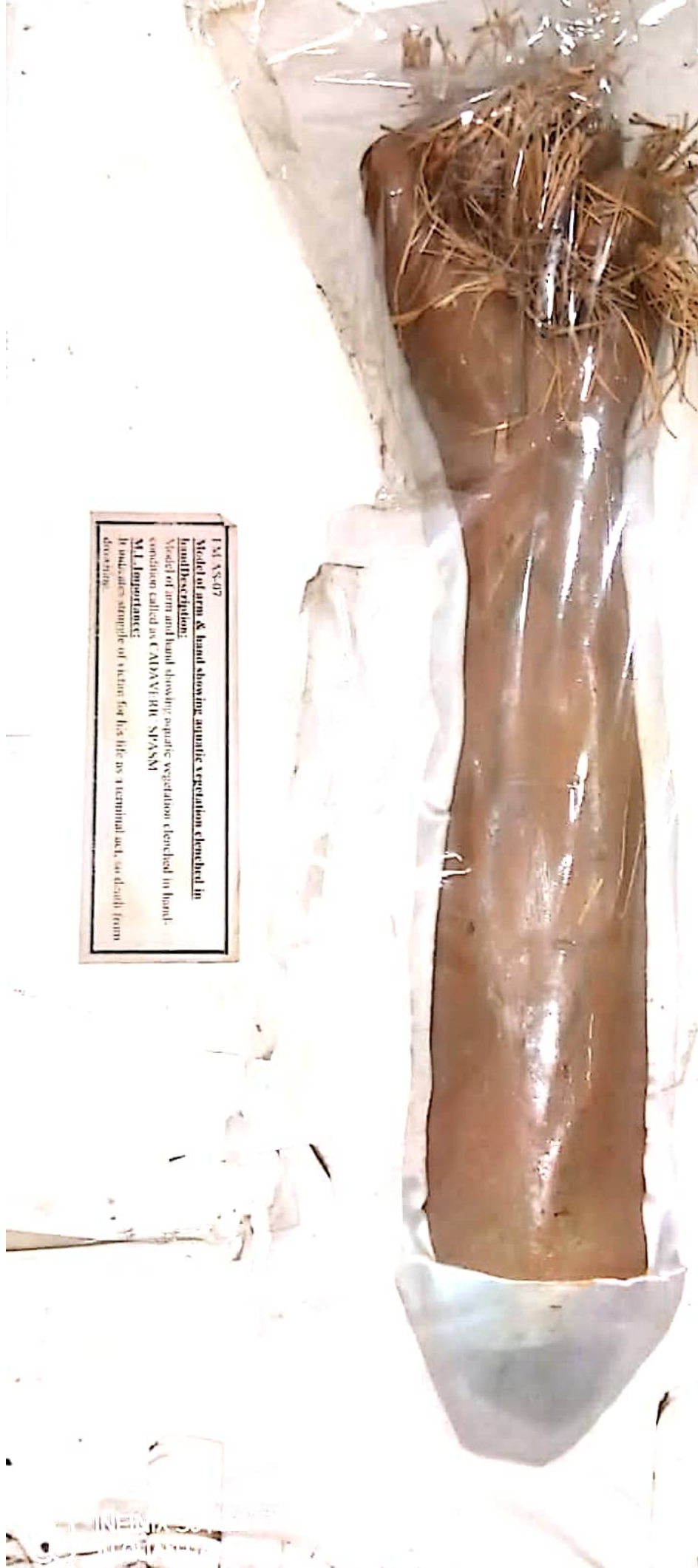






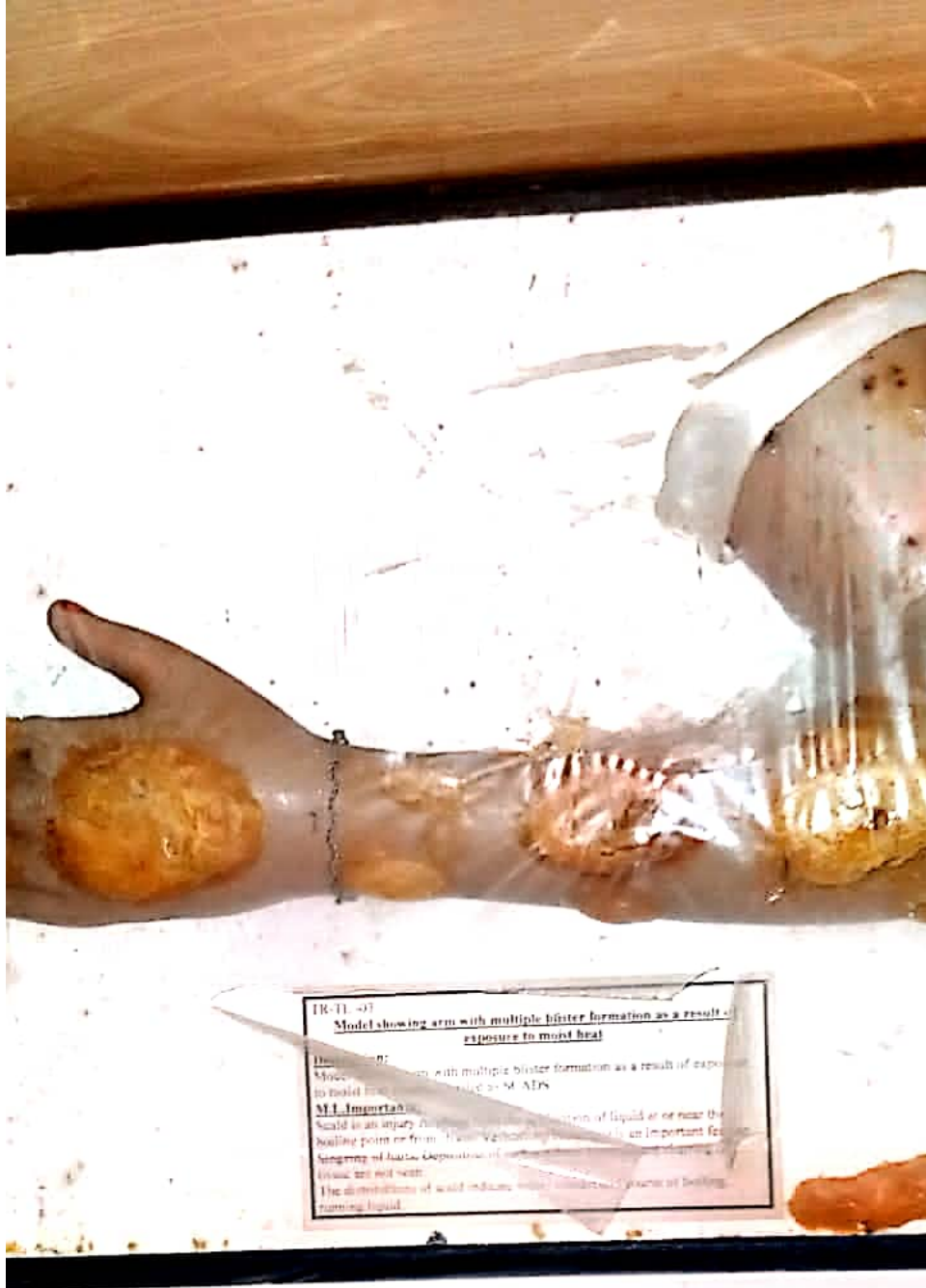
FIGURE 11-05  
**Human face and upper torso showing a electric wire tightly clenched in hands.**  
**Description:**  
Human face & upper torso showing a electric wire tightly clenched in hands condition known as **CADAVERIC SPASM OR INSTANTANEOUS RIGID.**  
**MLL Importance:**  
Cadaveric spasm indicates:  
1. Sudden death with great emotional trauma.  
2. Physical activity of muscles at the time of death.  
3. Last act of life.  
4. Manner of death.  
5. Gives no idea about time since death.



FMAS-11  
Model of face showing foam (Froth) coming out of oro-nasal orifices  
**Description:**  
Model of face showing foam (Froth) coming out of oro-nasal orifices.  
**M.I. Importance:**  
It is path gnomonic Finding of Drowning (Ante Mortem).







TR-11-53  
**Model showing arm with multiple blister formation as a result of exposure to moist heat**  
This model shows multiple blister formation as a result of exposure to moist heat. The blisters are of varying sizes and are distributed along the arm.  
**Moist Heat:** Moist heat is a type of heat that is often used in medical treatments. It is a form of heat that is often used in medical treatments.  
**Blister formation:** Blister formation is a common side effect of moist heat therapy. It is a result of the heat causing the skin to become irritated and swollen.  
**Prevention:** To prevent blister formation, it is important to use moist heat therapy correctly. This includes using a moist heat pack for a limited amount of time and avoiding direct contact with the skin.







TR-TL -05

**Model of face showing rupture bullae produced by moist heat**

**Description:**

Model of face showing rupture bullae produced by moist heat, with bleaching of the skin.

**M.I. Importance:**

Scald is an injury resulting from the application of liquid at or near the boiling point or from steam. Vesication (Blistering) is an important feature. Singeing of hairs, Deposition of carbonaceous material and charring of tissue are not seen. The distributions of scald indicate initial contact and course of boiling, running liquid.



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TR-11-01

**Model of back of a human showing multiple burns produced by a heated object - dry burns.**

**Description:**

Model of back of a human showing multiple burns produced by a heated object - dry burns. Such burns are characterized by roasted patches of skin or deeper parts of the body, singeing of hairs and deposition of carbonaceous material on the body.

**M.L. Importance:**

Distribution of the lesions is suggestive of torture. Reddened line indicate vital reaction (ante mortem burns).



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FM/ID-07

### ASPHYXIAL PETACHIAE.

#### Description:

The essential feature of asphyxia is the struggle to breath against some kind of interference with respiratory movements. Become turgid and showers of Petechial hemorrhages begin to break out in the skin (murder caused of asphyxia by suffocation following stuffing of the nose and throat with parts of counterpane of a bed and handkerchief. Minute asphyxia petechiae are present over the brow and face).