

By the Name of ALLAH the Most Gracious the Most Merciful



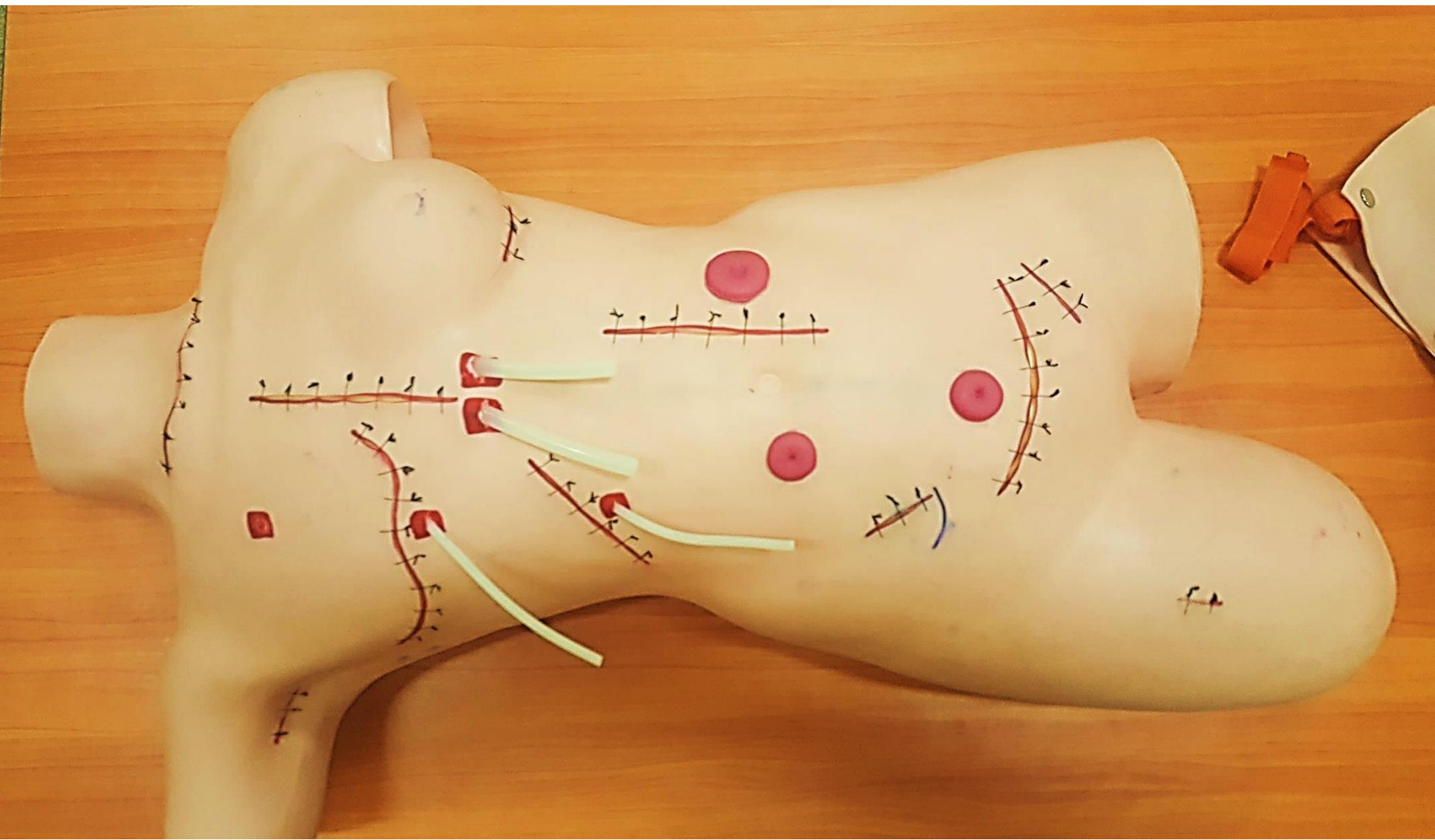
**Surgical Incisions
Wound Laceration
Bed Sore
Foot Gangrene
Burn
Small Bowel Evisceration
Colostomy and Ileostomy**

د . أحمد اسامة حسن

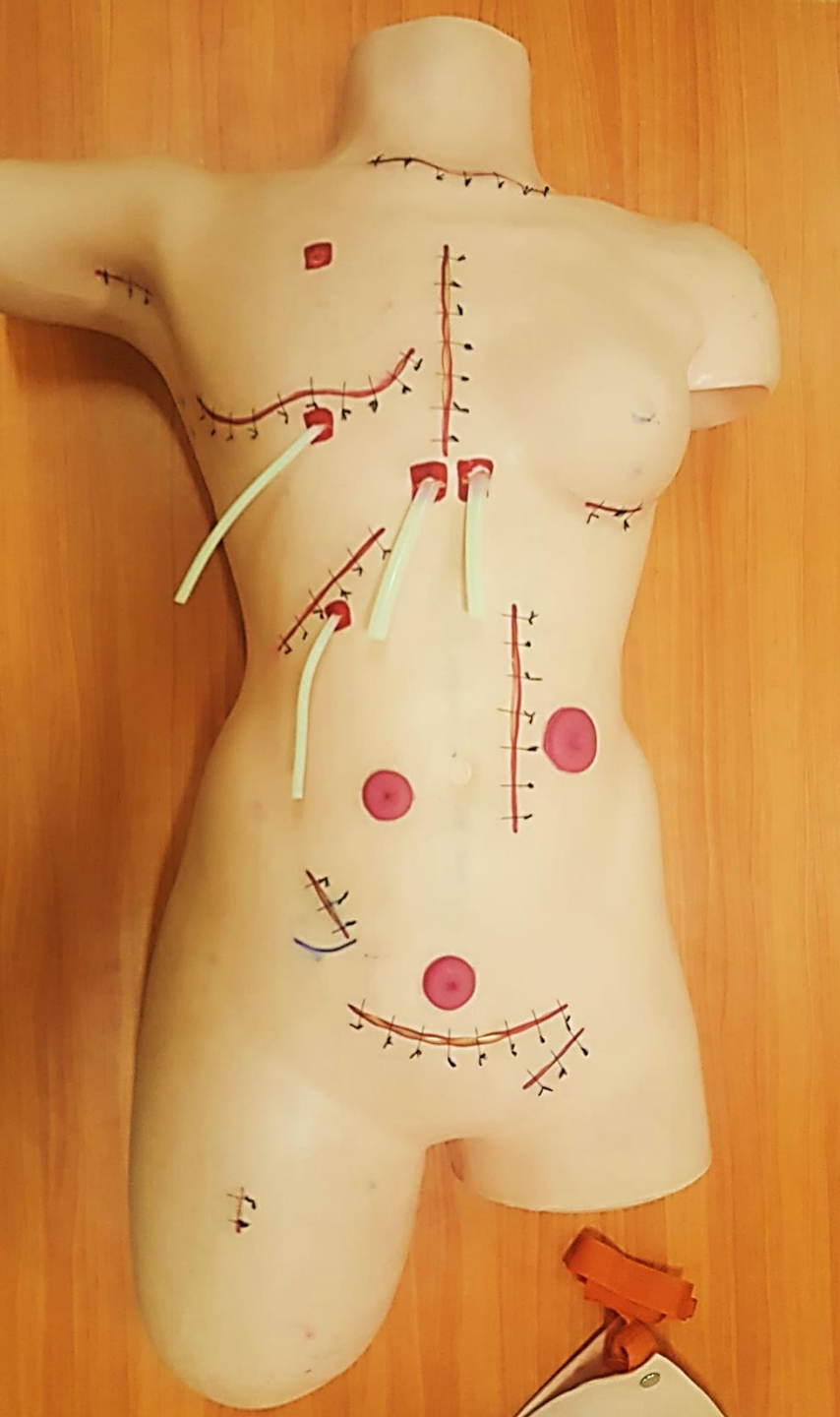
Fourth Year Skill Lab

Specialist in General and Laparoscopic Surgery

Surgical Incisions



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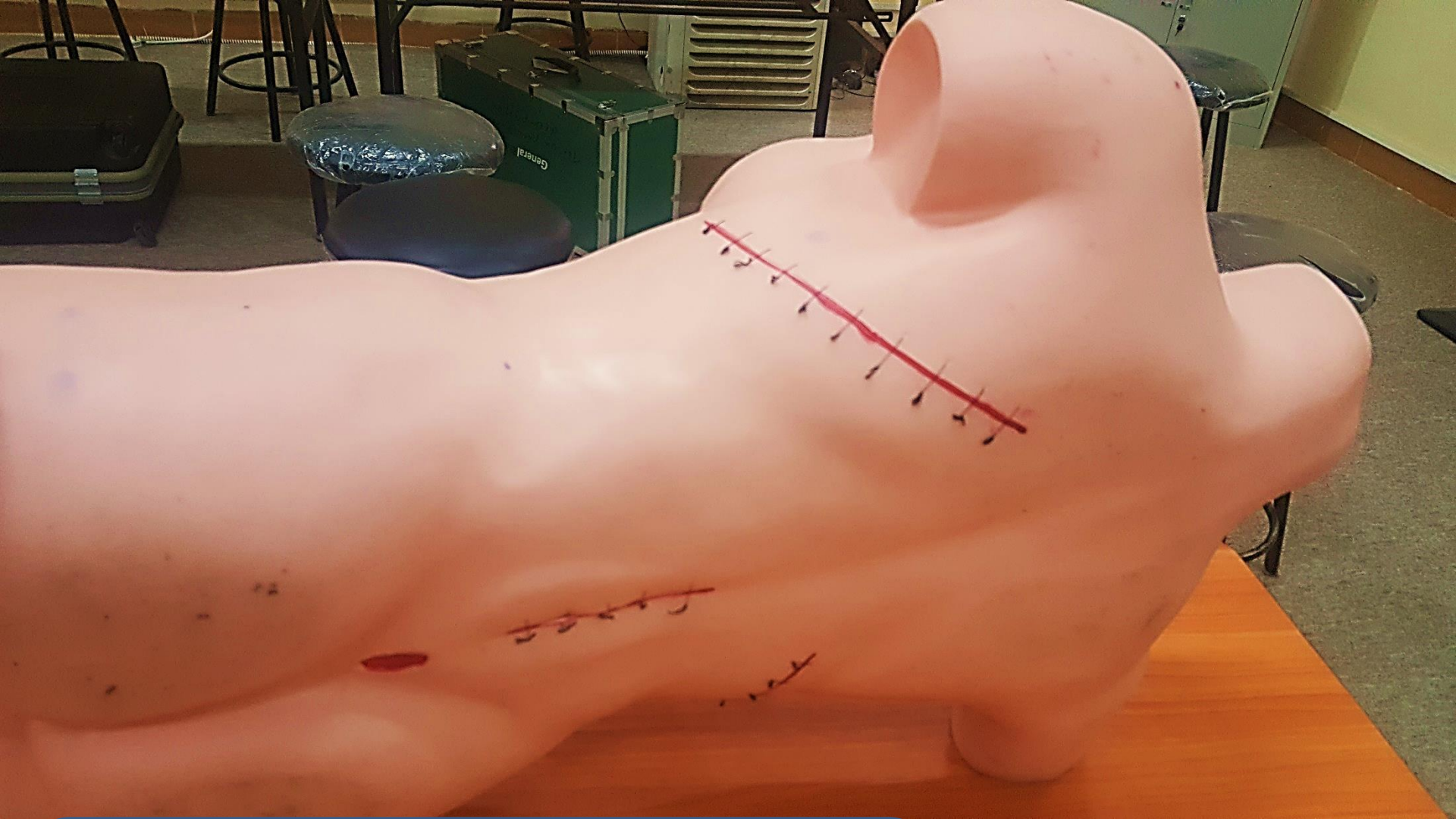
Collar Incision
Rt axillary
Sternotomy incision
Lt Inframammary incision
Kocher's incision
Lt upper paramedian
McBurney incision
Pfannenstiel incision
Lt oblique inguinal



Above knee amputation incision

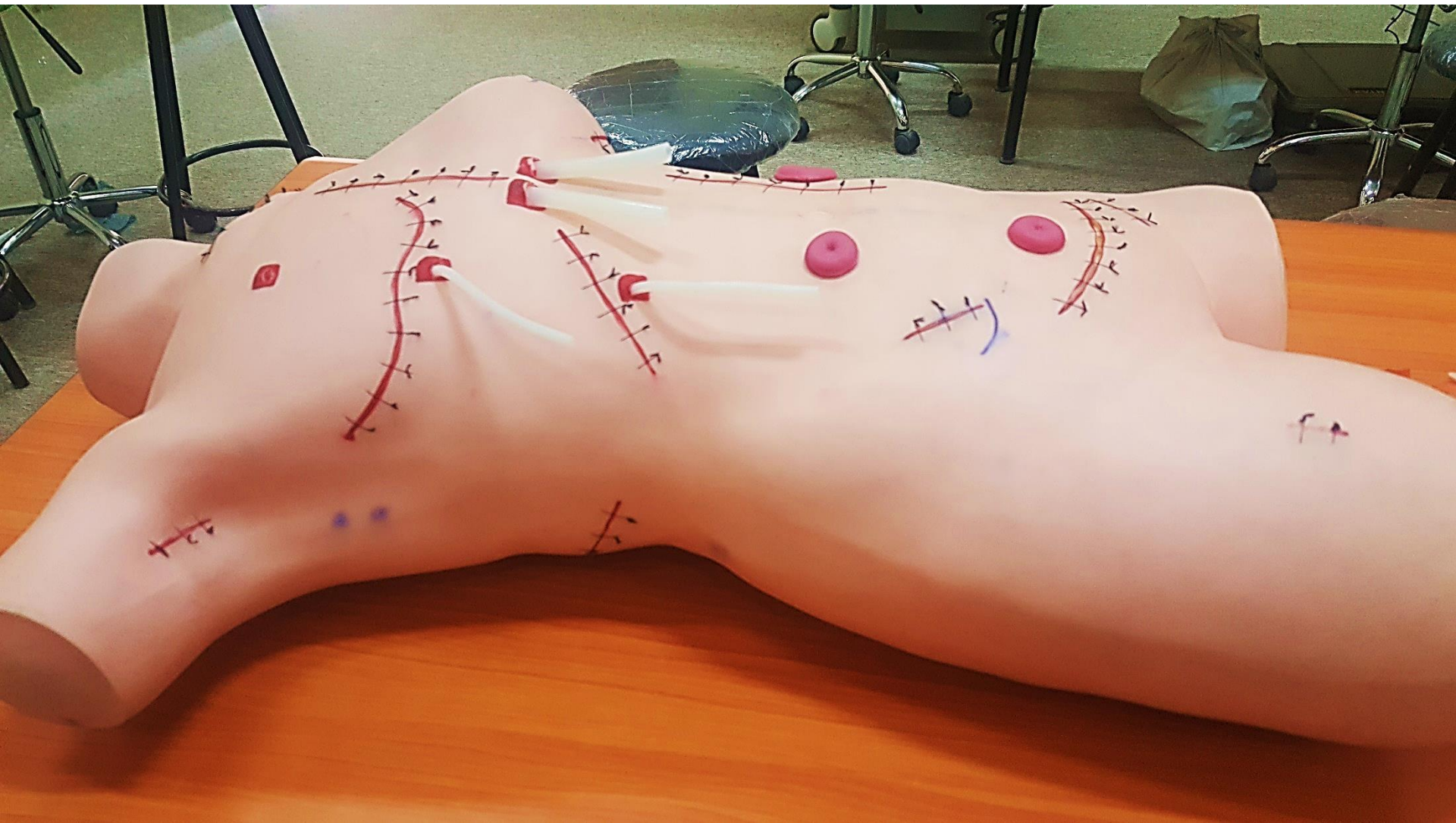
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Lt thoracotomy
Spinal incision
Second degree Bed Sore

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Rt Nephrectomy incision
Spinal incision
Second degree Bed Sore

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Surgical wound classification

- Class I surgical wound : Clean.
- Class II surgical wound : Clean-contaminated.
- Class III surgical wound : Contaminated.
- Class IV surgical wound : Dirty / Infected.



Tidy Wound

Incised
Clean Healthy tissues
Seldom tissue loss

(b)



Untidy wound

Crushed or avulsed, Contaminated, Devitalised tissues, Often tissue loss





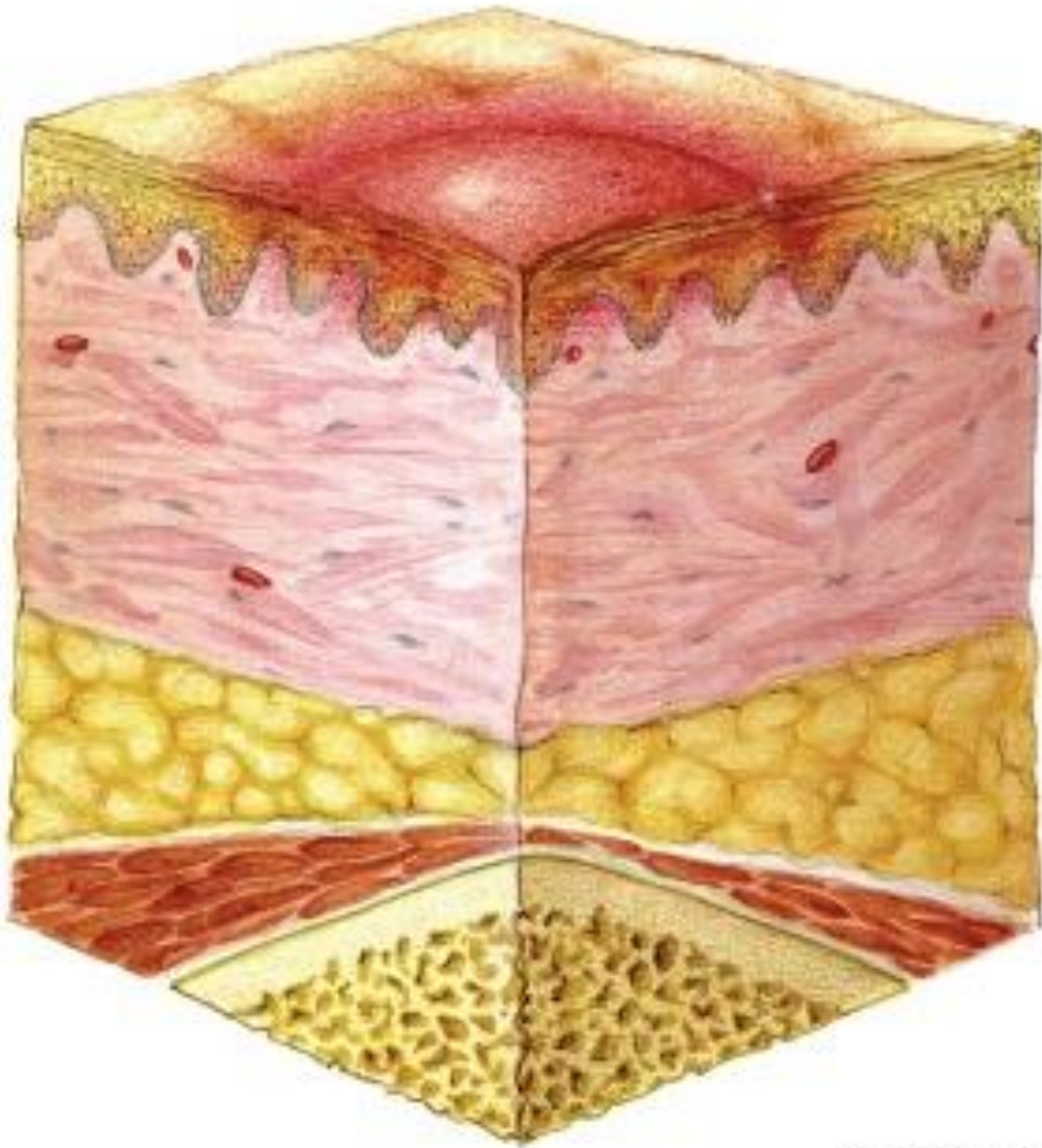
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Classification of Bed Sore

American National Pressure Ulcer Advisory Panel

TABLE 3.2 Staging of pressure sores.

Stage	Description
1	Non-blanchable erythema without a breach in the epidermis
2	Partial-thickness skin loss involving the epidermis and dermis
3	Full-thickness skin loss extending into the subcutaneous tissue but not through underlying fascia
4	Full-thickness skin loss through fascia with extensive tissue destruction, maybe involving muscle, bone, tendon or joint



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STAGE 1
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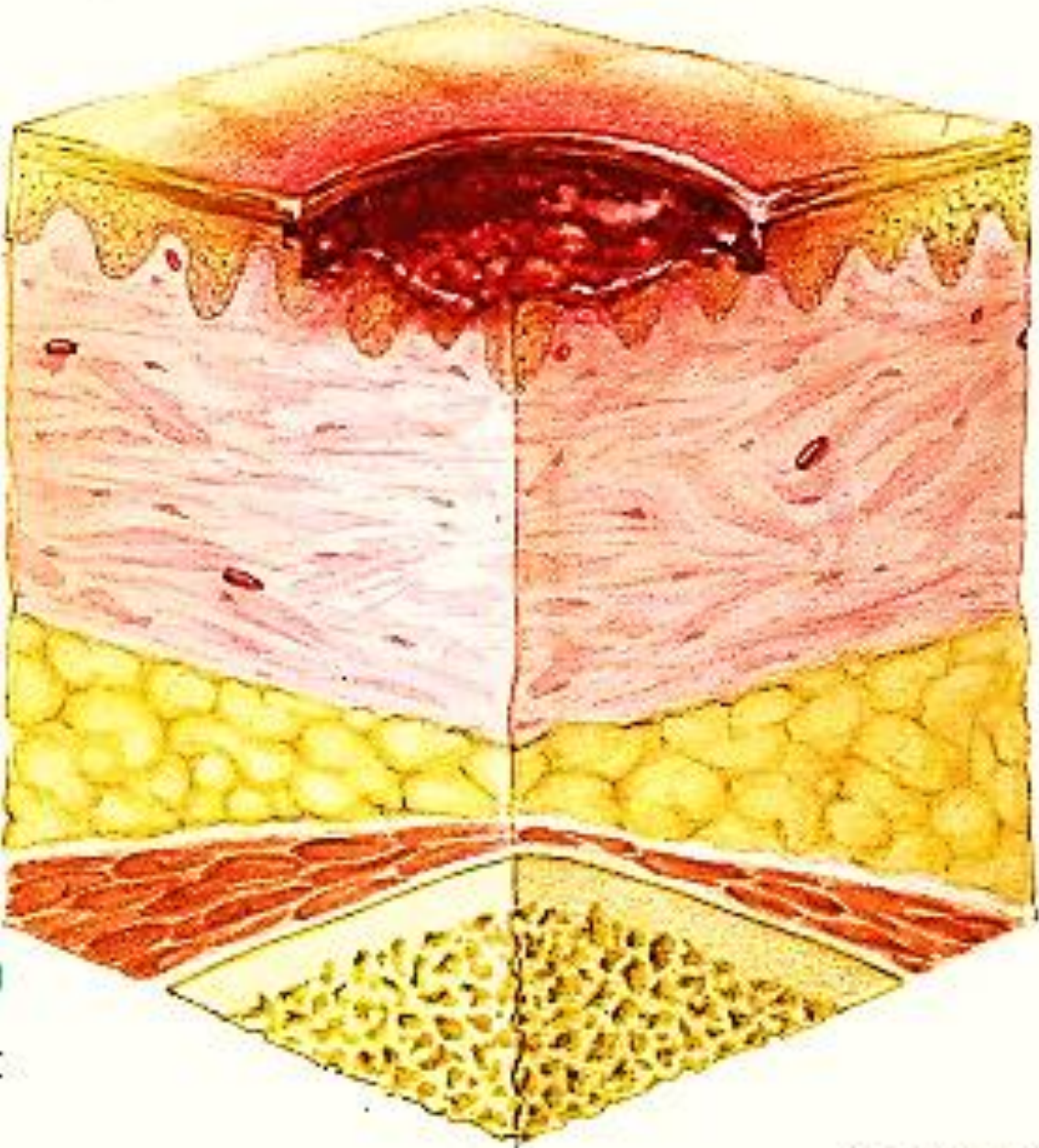
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STAGE 2

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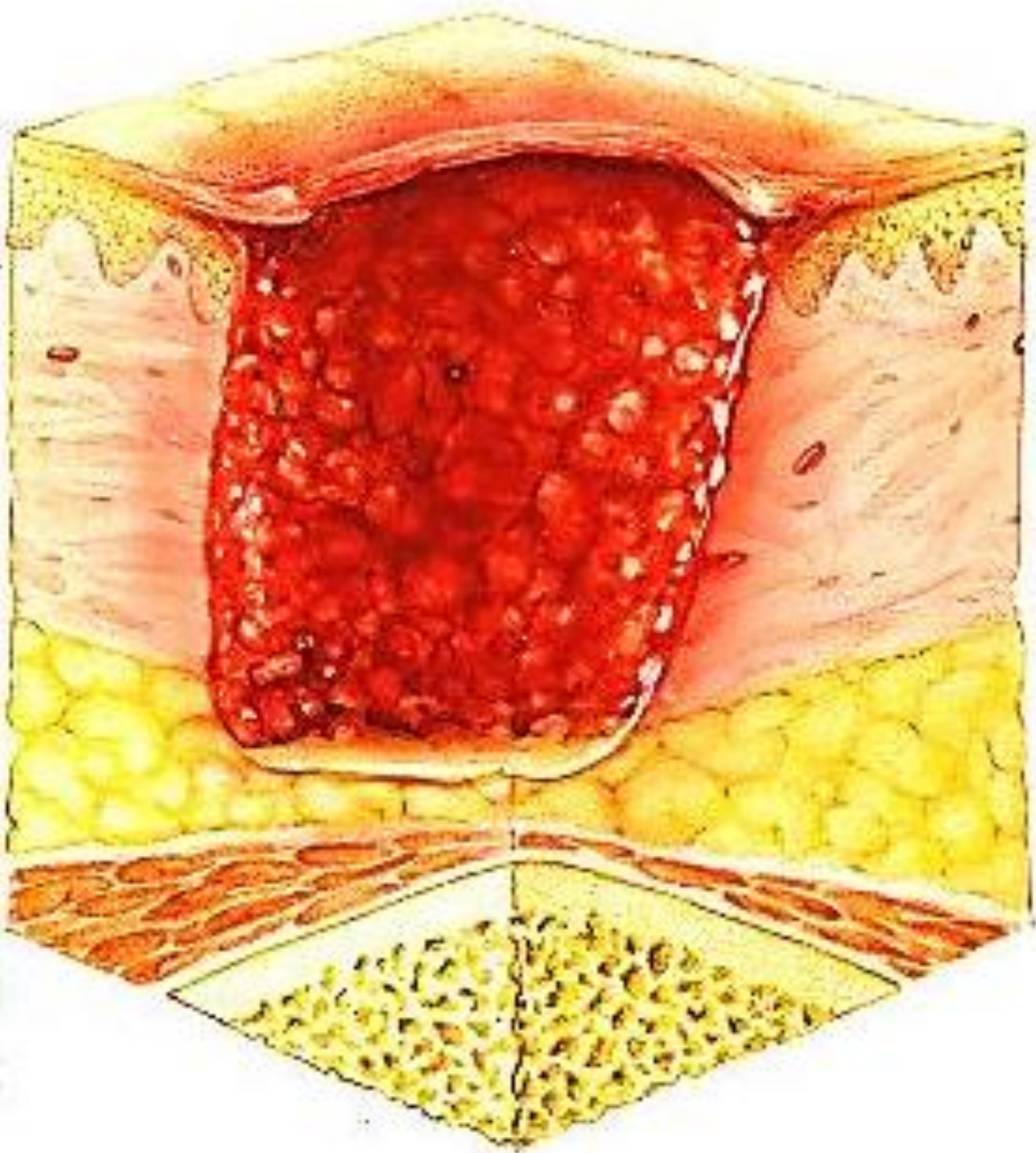
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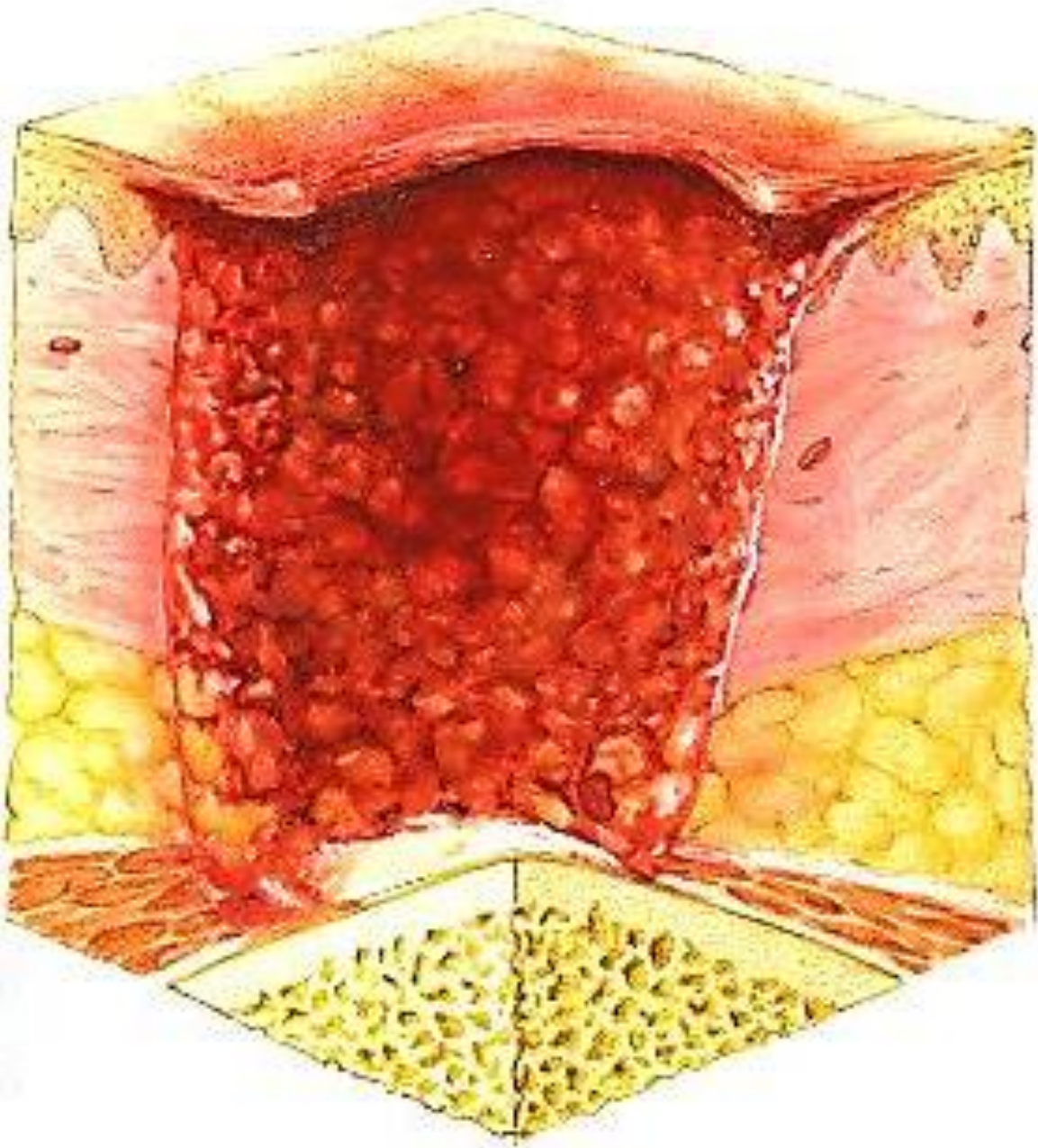


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ح. أسامة حسن STAGE 3

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STAGE 4
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UNSTAGEABLE

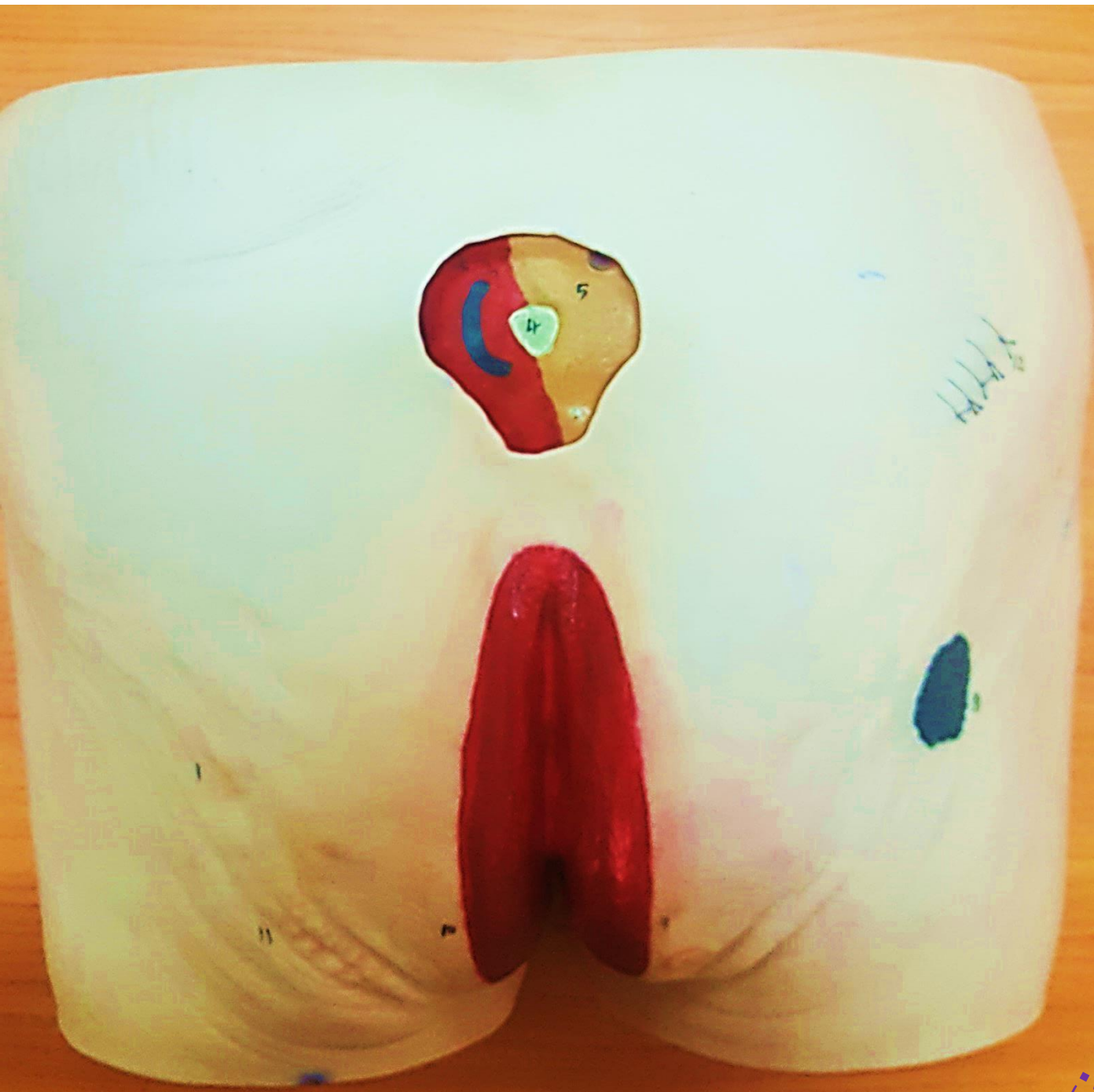
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Wagner classification for diabetic foot ulcers

Wagner score	Description
Grade 0	No open ulceration, but with possible existence of bone deformation of hyperkeratosis
Grade 1	Superficial ulceration, but without penetration to deeper tissues
Grade 2	Deeper extension into tendons, bones, or joint capsule, which may be exposed
Grade 3	Presence of tendonitis, osteomyelitis, cellulitis, or deeper tissue abscess
Grade 4	Wet or dry gangrene of toe or dorsum of the foot, often with plantar infection
Grade 5	Extensive gangrene of the foot, with necrotic lesions and soft tissue infections indicating higher amputation

Wagner classification of diabetic foot ulcers

Grade 0

No ulcer in a high-risk foot



Grade 1

Superficial ulcer involving the full skin thickness but not underlying tissues



Grade 2

Deep ulcer, penetrating down to ligaments and muscle, but no bone involvement or abscess formation



Grade 3

Deep ulcer with cellulitis or abscess formation, often with osteomyelitis



Grade 4

Localized gangrene



Grade 5

Extensive gangrene involving the whole foot





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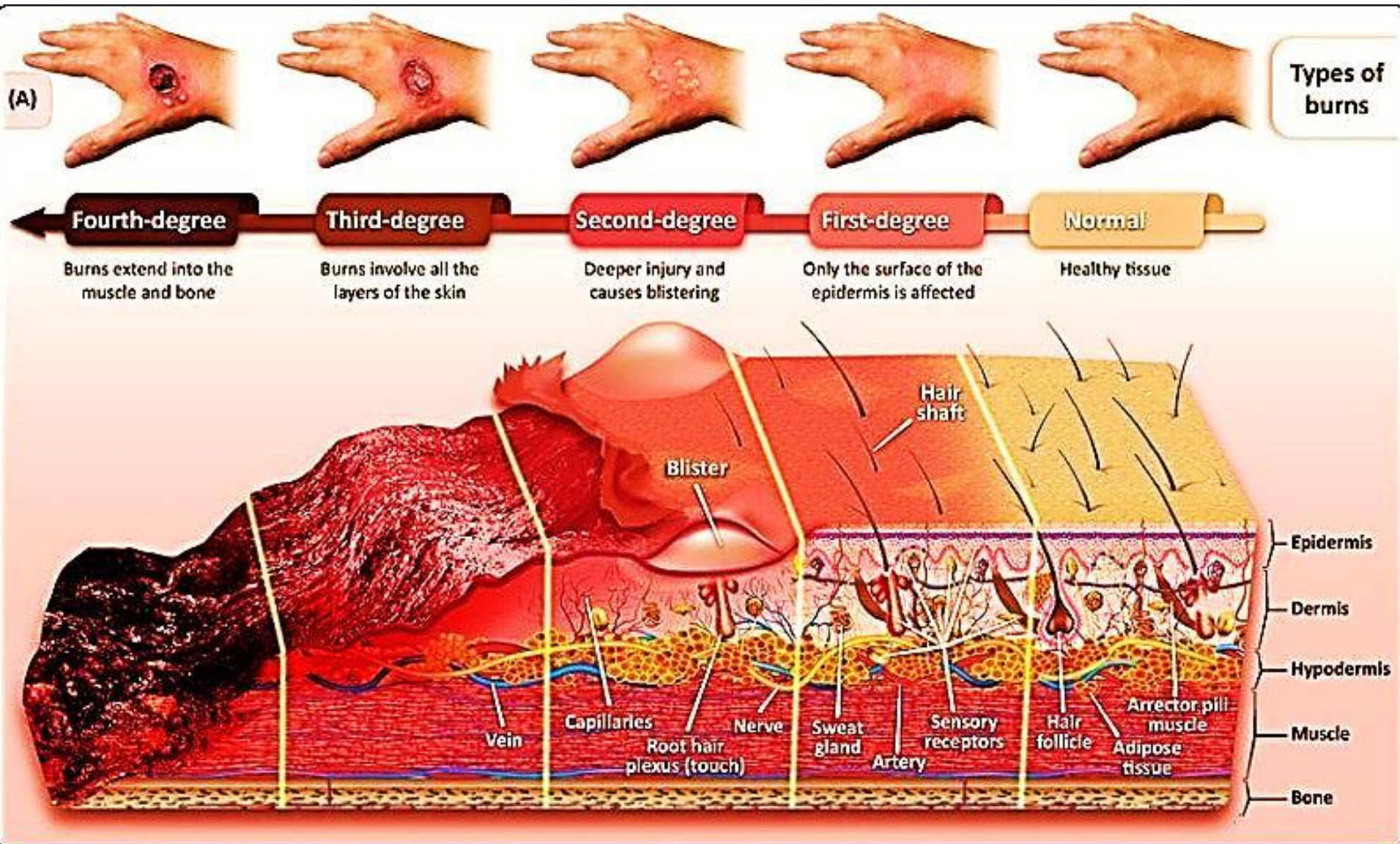
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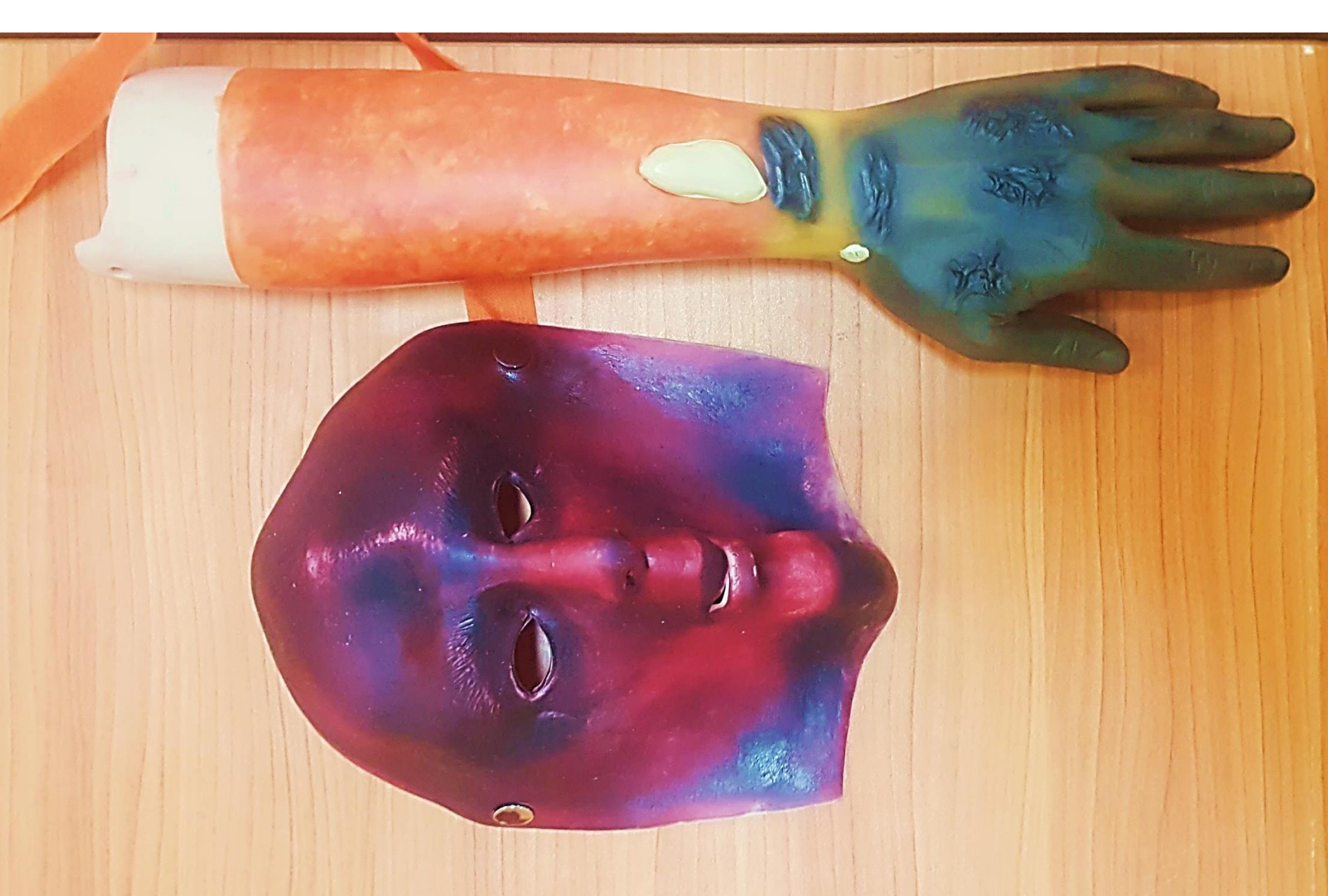
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Classification of Burn

Thickness	Degree	Depth	Characteristics
Superficial	First	Epidermis	Pain, redness, mild swelling
Superficial Partial	Second	Dermis: Papillary region	Pain, blisters, splotchy skin, severe swelling
Deep Partial	Third	Dermis: Reticular region	White, leathery, relatively painless
Full		Hypodermis (subcutaneous tissue)	Charred, insensate, eschar formation



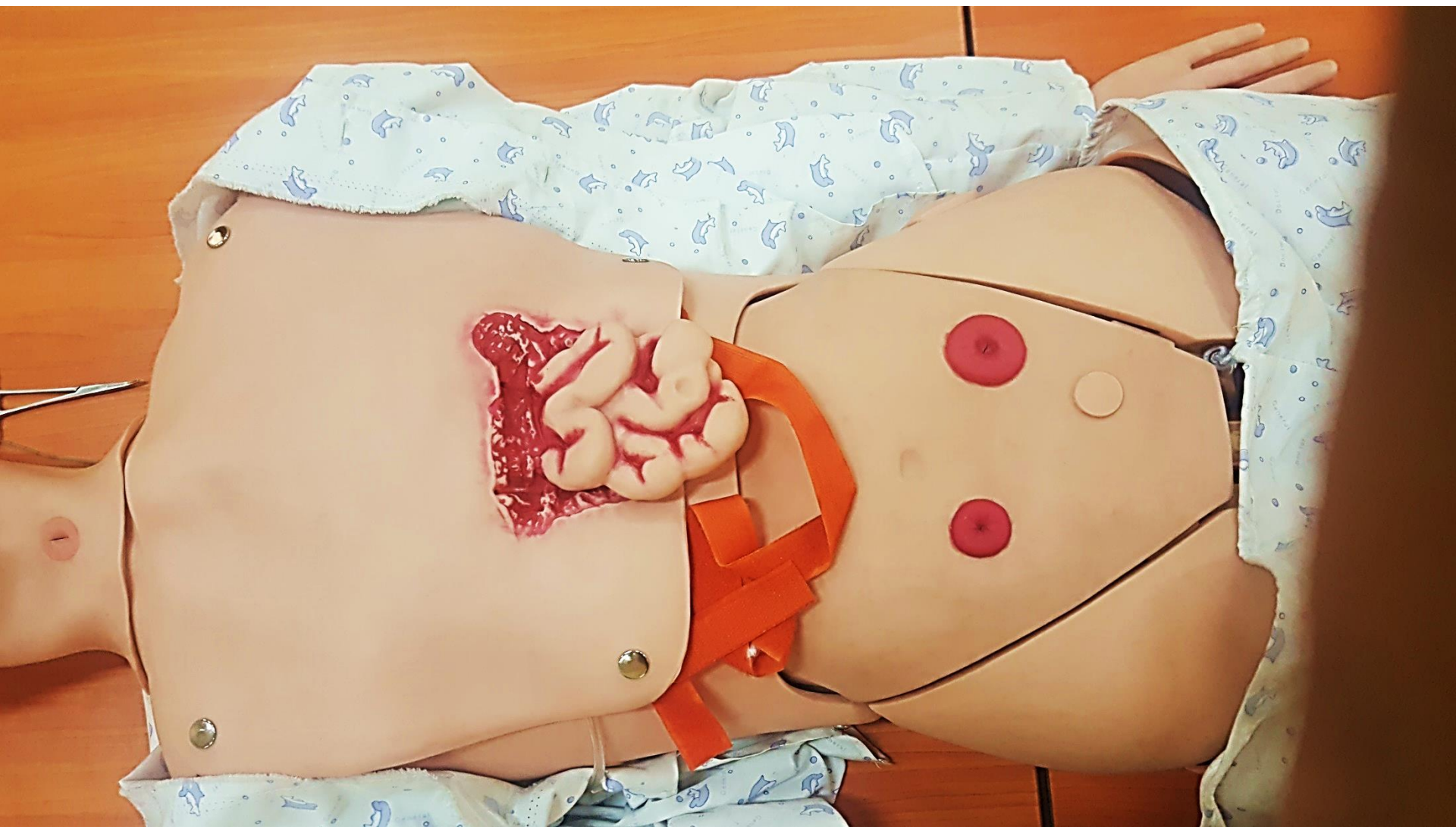


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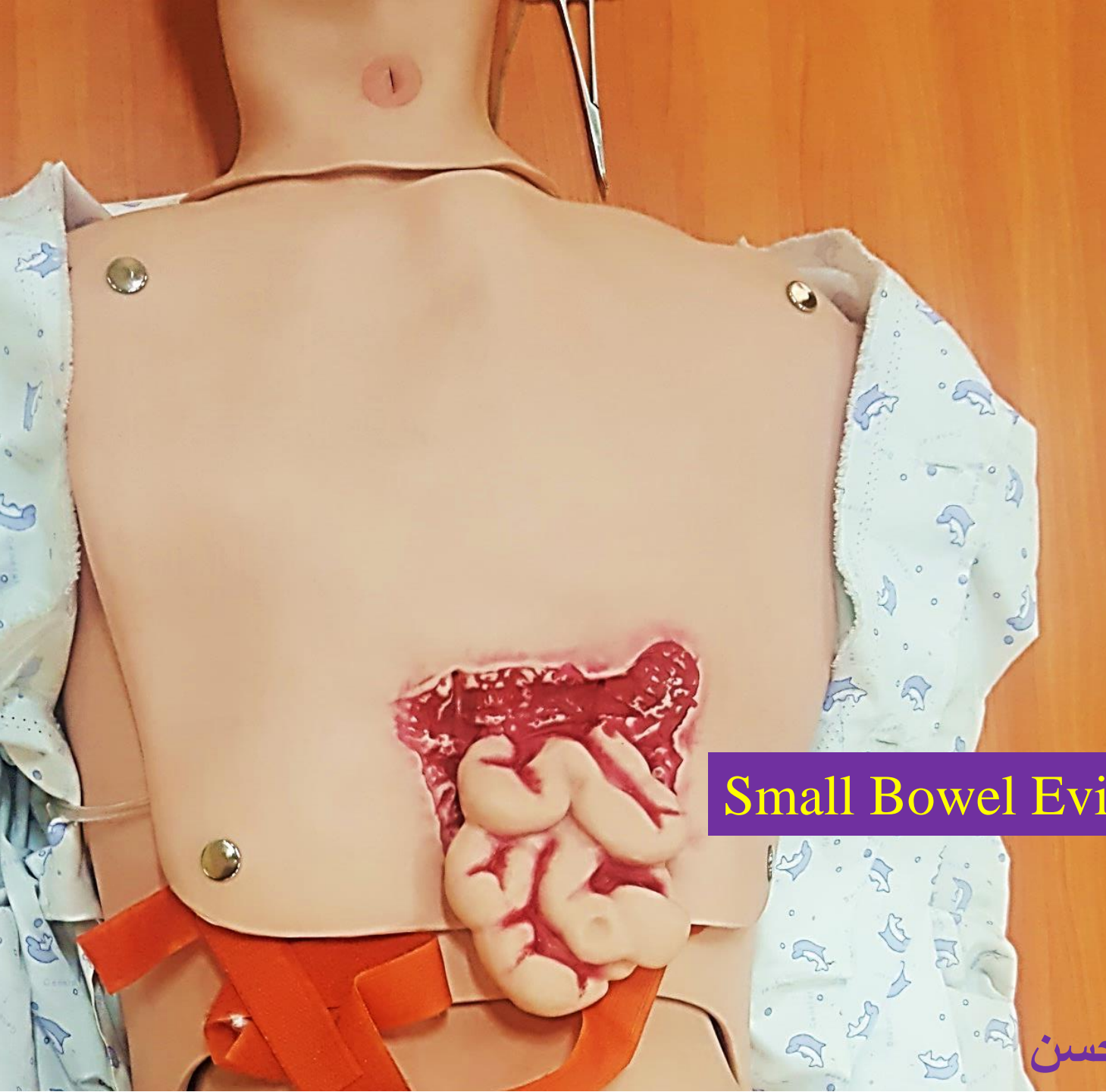
Colostomy and Ileostomy Eveciration



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Small Bowel Evisceration

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Ileostomy

Colostomy

نعم بحمد الله