



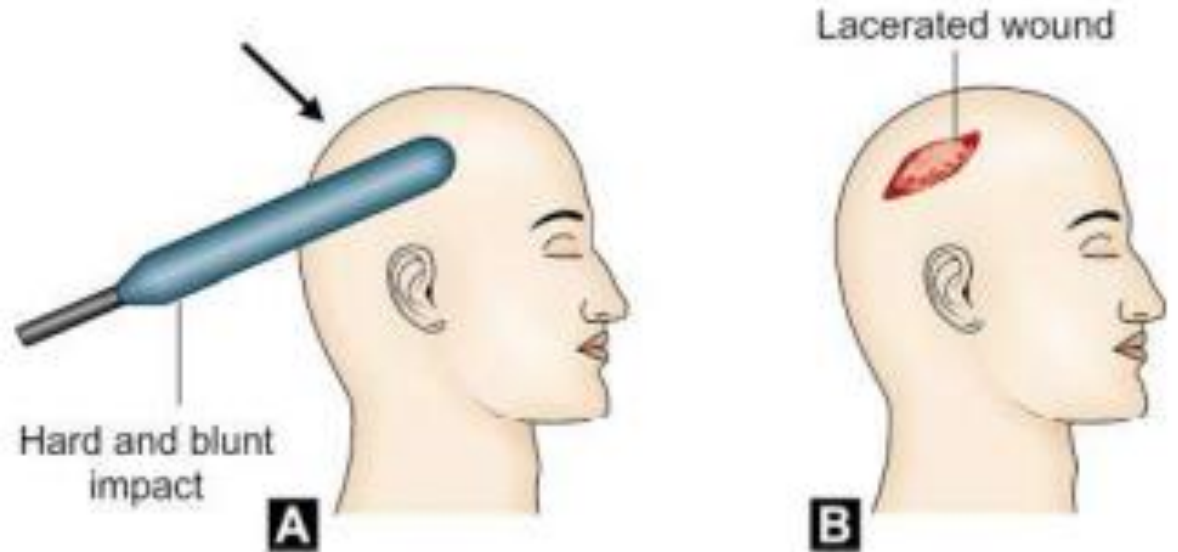
# Learning Objectives

By the end of this session the learners will be able to:

- Define and Classify lacerated wound
- Describe types of lacerated wound and Mechanism of wound production and complication.
- Difference between ante mortem & postmortem Laceration.
- Describe the medico legal aspects of Lacerated wound

# Lacerated Wounds

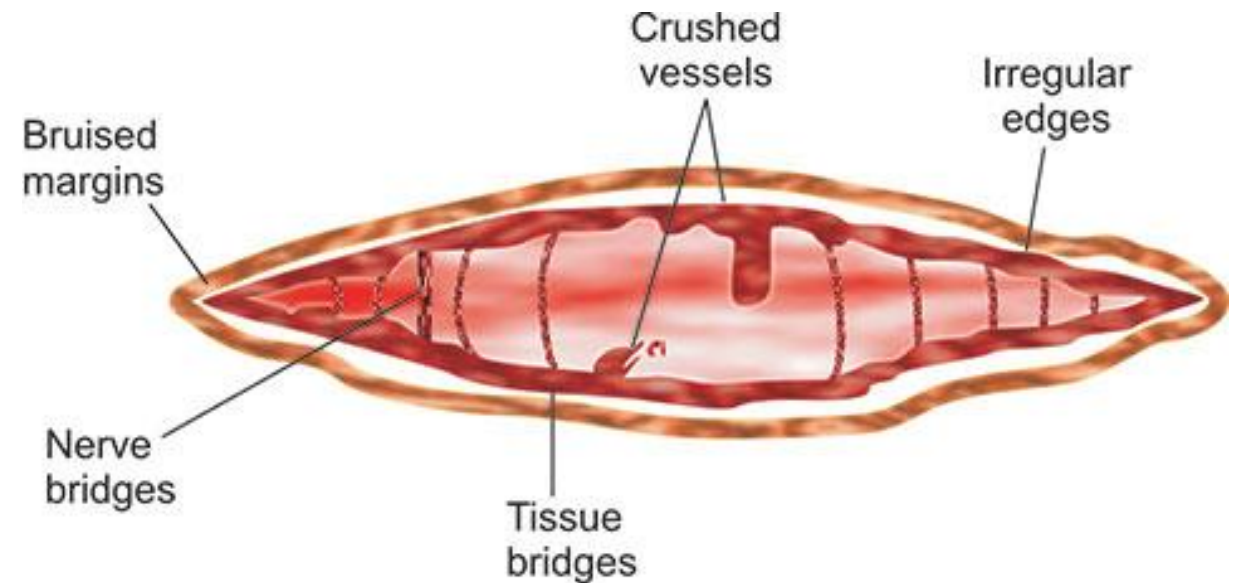
- Definition
- **Mechanism of production**
  - Application of blunt force
  - Tissues crushed
  - When underlying tissue is rigid
  - When underlying tissue is flexible



# Lacerated Wounds

- **Characteristics of laceration**

- Irregular edges
- Abraded margins
- Unevenly divided deeper tissues (tissue bridging)
- Crushed hair follicles
- Crushed blood vessels
- Foreign material in wound



# Lacerated Wounds

- **Classification**

- Split lacerations
- Stretch lacerations
- Avulsions
- Tears
- Patterned lacerations
- Boxer's lacerations
- Internal lacerations

# Lacerated Wounds

- **Split lacerations**

- Incised like
- Site
- Causation
- Linear split



# Lacerated Wounds

- **Stretch laceration**

- Cause: pulling force
- Example
- Striae-like lacerations
  - Superficial, multiple
  - At groins
- In bone fractures



**STRETCH LACERATION**



# Lacerated Wounds

- **Avulsion laceration**

- Flaying or grind laceration
- Occurs due to grinding compression of tissues
- Results in de-gloving of skin
- Example







Avulsion

# Lacerated Wounds

- **Tears**
  - Irregular sharp object impact
  - Example: broken bottle blow
- **Patterned laceration**
  - Blow with the hammer head
- **Boxer's laceration**



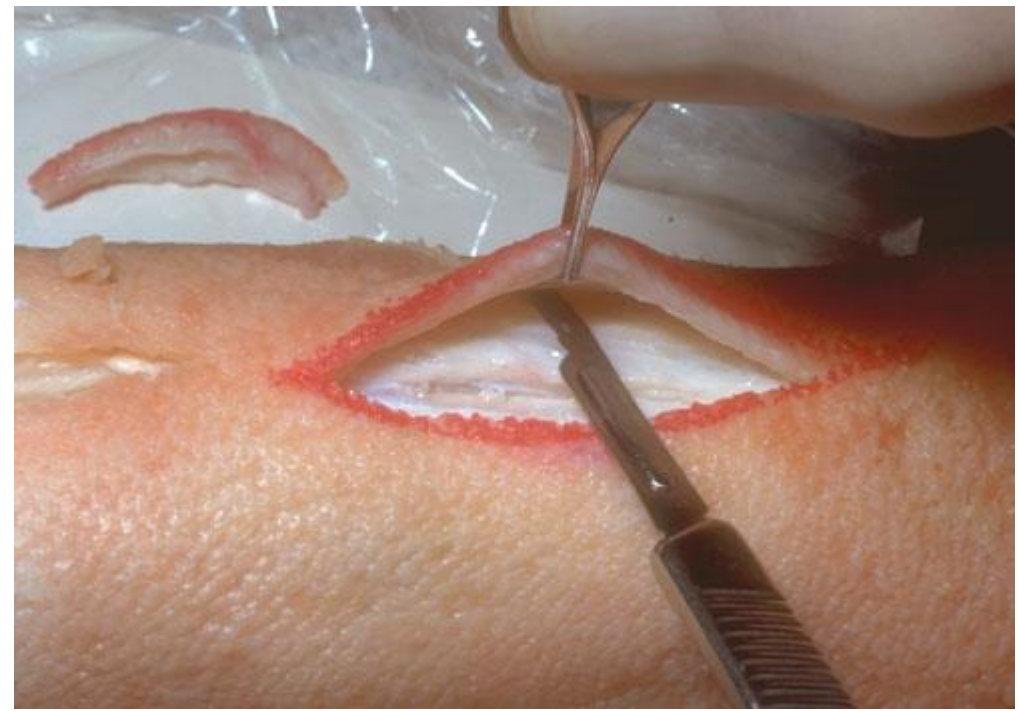
# Lacerated Wounds

- **Internal lacerations**
  - Due to blunt trauma
  - May be no evidence of external injury
- **Complications**



# Lacerated Wounds

- Shelving & its medicolegal significance
- Foreign material in lacerations
- Postmortem lacerations
- Healing of lacerated wound



# Lacerated Wounds

- **Medicolegal significance**

- Cause
- Type of laceration
- Nature of injury
- Identification
- Age of injury
- Scene of crime
- Homicidal, suicidal or accidental nature
- Differentiation from incised wound
- Difference between antemortem & postmortem lacerations
- Bedsores



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# Questions