

How to Write Primary Medicolegal Report?

Presented

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Learning Objectives

1. Types of injuries.
2. Causative instruments in different types of injuries.
3. Pillars of primary medicolegal report (template).
4. Consequences of unsound primary medicolegal report.
5. Components of a death certificate.

Wound

Application of violence on tissue of body



Interference of continuity of tissue



Wound

Types and shape of wounds depends on :-

1- Nature of the force

Blunt

Sharp

2- Amount of the force

Mild

Moderate

Heavy

Classification of Wounds

A – Legal Classification

1-Slight

2- Dangerous

3- Mortal

B – Medico legal Classification

1- Abrasion

2- Contusion (bruises)

3- Cut (incised)

4- Contused (lacerated)

5- Stab

6- Firearm

7- Fabricated

Abrasions

Destruction of superficial layers of skin due to pressure or friction with rough blunt object



Bruises

Extravasation of blood into tissues due to rupture of blood vessels by blunt instrument



Cut (Incised) Wounds

Description:-

- 1- Causative instrument : **Sharp**
- 2- Edge: **Sharp and regular**
- 3- Length: **More long than deep**
- 4- Bridging of tissues : **No**
- 5- Hair : **Sharp cut**
- 6- Bleeding : **Free**
- 7- Sepsis : **Less**

Cut Wound



Cut Wound



Suicidal Cut Throat (Hesitation Marks)



Hesitation Marks

Multiple, small, superficial, parallel cuts with suicidal cut wound



Contused (Lacerated) Wounds

Description :-

- 1- Causative instrument : **Heavy blunt**
- 2- Edge: **Irregular and lacerated**
- 3- Bridging of tissues: **Yes**
- 4- Hair: **Crushed**
- 5- Bleeding: **Less**
- 6- Sepsis : **More**

Lacerated Wound (Contused)



Stab Wound

Description:-

- 1- Causative instrument: **Sharp - pointed**
- 2- Edge: **Sharp and regular**
- 3- Depth : **More-deep than long**
- 4- Angle: **one sharp pointed Or two sharp pointed**
- 5- Types :-
 - 1- Penetrated
 - 2- Non-Penetrated

Stab Wound



Firearm Wound

Description:-

- 1- Loss of substance
- 2- Presence of two wounds
 - A-Inlet
 - B- Exit
- 3- Powder marks
- 4- Beveling

A- Description of Inlet

- A. Loss of substance is more
- B. Inverted edges
- C. Powder mark
- D. Smaller
- E. More regular
- F. Soiling ring
- G. Internal bevelling

B- Description of Exit

- A. Everted edges
- B. External bevelling

Firearm Wound



Self Inflicted Wounds

- 1- Cut wrist- Suicidal
- 2- Cut throat- Suicidal
- 3- Firearm – Suicidal
- 3- Fabricated:-

Description

- A. Superficial parallel cuts
- B. Accessible- areas within each of the hand
- C. Non- dangerous
- D. Without corresponding tear or blood stain in clothes

Self Inflicted Wounds

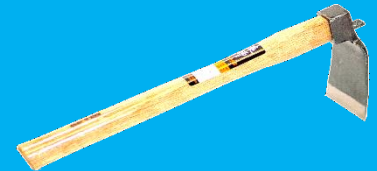
Fabricated

Cut Throat

Cut Wrist



Types of Causative Instruments



(Blunt Instrument)

(Sharp Instrument)

Examination of Wound

- **Nature of wound**
(suicidal, homicidal, accidental)
- **Site of wound**
(neck, wrist, heart, temple, back)
- **Direction of wound**
(oblique, transverse, downwards, backwards, inwards)
- **Number of wounds**
(multiple or single)
- **Hesitation mark (suicide)**

Healthcare Medicolegal Report

- The medical aspect of crime is unclear to non-medical persons.
- Medicolegal report is critical evidence guiding legal decisions.

Report-writer is considered expert witnesses, so the report should show the following:-

- Verification the causal relationship between alleged action and specific injury for medicolegal purpose.
- Identification of probable cause of the injury with adequate reasoning.
- The probability of each cause's responsibility for induction of injuries with justification for inclusion or rejection of each cause.

Pillars of Primary Medicolegal Report (Template)

Patient Data

- **Medical File Number**
- **Name**
- **Gender**
- **Age**
- **Nationality**
- **Job**
- **Address**
- **ID**
- **Marital status**

Report Writer Data

- **Name**
- **Professional level**
- **Signature**

Referral Data

- **Referral body**
- **Letter number**
- **Referral time**

General Condition

- **Time of trauma (date/time)**
- **Vital signs (Blood pressure, heart rate, temperature)**
- **Consciousness**
- **Pupils**

Injuries

- **Types**
- **Number**
- **Directions**
- **Size**
- **Description**
- **Causative Instrument**
- **Possible Associated Injuries**

تقرير طبي إصابات أولي (تعليمي)

ينادى على طالب قسم الطب الشرعي والسموم الإكلينيكية بكلية الطب - جامعة سوهاج

..... قمت أنا الطالب : الفرقة: بمستشفى :

يتوقع اكتشاف الطبيب الإصابي الأولي على:

..... الاسم: سن: نوع: الوظيفة:

..... الرقم القومي: تذكرة استقبال رقم: تاريخ: الساعة:

و وجدنا التالي:

الحالة الإكلينيكية عند الاستقبال:

..... درجة الوعي: الضغط: النبض: الحرارة:

..... حدقة العين: أعراض أخرى:

ظروف الحادث حسب أقوال المريض:

..... التحاري: جثثي: عرضي:

بيانات عن الإصابة:

عند الإصابات

أنسجة لينة:

..... سحجات: كدمات: جروح قطعية: جروح طعنية:

..... جروح تيتكية: جروح طفيفة: حروق (تسبته): طلق فاري:

كسور:

..... كسر بسيط: كسر مضاعف: إصابة للأعصاب:

مكان واتجاه الإصابة:

.....

أبعاد وعمق الإصابة:

..... طول: عرض: شكل: عمق: الحواف:

الأداة المستخدمة في إحداث الإصابة حسب أقوال النصاب:

.....

إصابات مصحبة وتوعها:

..... المخ: الصدر: البطن:

..... الحواس:

Consequences of Unsound Primary Medicolegal Report

Consequences of improper reporting of injuries:-

- 1. Malpractice litigations against reports-writers.**
- 2. Malpractice litigations against health care institutes.**
- 3. Loss of victims' rights.**
- 4. Judicial decisions against the accused could be influenced by inaccurate information.**

Death Certificate

Components of death certificate:-

- **Cause of death: Underlying Lesion**
- **Mode of death: Patho-Physiology process: Mechanism**
- **Manner of death: Natural or Unnatural**

Unnatural:-

Accidental or homicidal or suicidal.

Modes of dying:-

1. **Circulation failure “arrest”: Syncope**
2. **Respiration failure “arrest”: Asphyxia**
3. **C.N.S failure “arrest”: Coma**

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شهادة الوفاة

التاريخ :

الاسم

السن :

الرقم القومي :

مكان الوفاة :

سبب الوفاة :

الاية حدوث الوفاة :

طريقة حدوث الوفاة :

الرأى :

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التوقيع

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Thank you