

DIRECTORATE OF MEDICAL EDUCATION



State Medico Legal Institute and
Office of the Police Surgeon,
Department of Forensic Medicine,
Medical College, Thiruvananthapuram.

POST-MORTEM CERTIFICATE

P.M. No.448/12

Date: 16/02/2012

I, Dr. K.Sasikala, Professor of Forensic Medicine and Police Surgeon, certify as hereunder:-

Dead body of an adult male by name **VALENTINE @ JELESTINE**, aged about 50 years was sent by the Circle Inspector of Police, Coastal Police Station, Neendakara with a requisition dated, 16/02/2012 through the CPO.No.5255 for conducting postmortem examination and report.

The body was in charge of the CPO.No.5255 who identified it as that of the deceased in Cr.No.02/12 of Coastal Police Station, Neendakara. The postmortem examination commenced at 2.00 PM on 16/02/2012 and was concluded at 3.30 PM on the same day. The following findings were observed.

Body was that of a moderately nourished adult male of height 164cm and weight 57Kg. Fluid blood present in right ear and scalp hairs. Scalp hairs on the right side of front of head matted with blood. Right side of face swollen. Dried streaks of blood seen on the lower lip, front of chest and right side of neck and dried blood stains present on palms and fingers of both hands and lower lip. Right leg slightly abducted at the hip and flexed at knee. Eyes partly open, conjunctivae pale, corneae clear, pupils dilated. Finger nails blue and mouth pale. Smell of fish present on the body. Callosity (i) 3.5x2x1.2cm on the outer aspect of left foot 3.5cm below the outer aspect of ankle (ii) 2x2x2cm on the outer aspect of right foot 3cm below ankle.

Rigormortis present in knee and ankles, feeble at hip and absent in other parts of the body. Postmortem staining was faint at the back, not fixed. There was no sign of decomposition. (Body was not refrigerated).

INJUREIS (ANTE-MORTEM):-

1. Lacerated penetrating wound of entrance 1x0.7cm with an abrasion collar of 0.1 to 0.2cm broad around, obliquely placed on the right cheek, its upper inner margin 3.7cm outer to the lower margin of right ala of nose and 4cm below the outer angle of eye (and was 8.5cm in front of the tragus of ear). A small piece of skin tag of size 0.5x0.2cm was found on the outer margin just above the lower border. The lower margin was 154cm above heel. There was no evidence of burn, blackening or tattooing around. Abrasion collar was wider on the inner margin. Soft tissues of right

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side of face showed infiltration of blood over an area of 10.5x10cm extending upto the coronoid process of jaw bone and was found extending downwards to the lower margin of submandibular salivary gland and to back of tongue and to the lower border of hyoid bone over an area of 6.2x2x0.3cm. The wound track was found extending obliquely upwards by fracturing the coronoid process of mandible, entered the skull cavity through the petrous part of temporal bone with the wound of exit 0.7x0.7cm on the back aspect in the petrous part of temporal bone 0.8cm behind the pituitary fossa and 1.2cm to right midline. Dura around was found torn irregularly backwards with the small bony fragments found attached to its edges. Whole of petrous part of temporal bone fractured and fragmented and was found extending to the front wall of pituitary fossa and found separating it from the body of sphenoid bone. The right half of fragmented petrous part of temporal bone and adjoining middle cranial fossa was found separated from the posterior cranial fossa. Pituitary gland showed softening. Under aspect of right frontal lobe, 6.4cm below the tip showed a contusion 1.5x1x0.3cm. A metallic bullet with a pointed tip was found on the under surface of brain in the subdural space. It measured 3.1cm in length and 2cm in circumference at a point 2.4cm above the base. The tip was pointed. It was found irregularly compressed side ways at the base with a bent in the upper half. The base was hollow and measured 0.6x0.4cm. Multiple markings were seen on the surface along its long axis. Brain showed bilateral subarachnoid bleeding. Fluid blood present in the ventricles. Sulci narrowed and gyri flattened. The track of the wound was directed upwards backwards and to the left in an oblique line.

2. Contusion of scalp 1.2x1x0.3cm on the top of head in the midline and 11.5cm above the root of nose.
3. Multiple small abrasions over an area of 1.5x0.5cm on the back of right arm 3cm above elbow.
4. Abrasion 0.7x0.5cm on the outer aspect of right elbow with a curved abrasion 0.8x0.3cm on the outer end.
5. Abrasion 1.2x0.5cm, on the front of left leg 10cm below knee.
6. Multiple small abrasions over an area of 1x0.5cm, on the front of left leg 7cm below knee.

Mucosa of air passages congested and showed petechiae. Blood stained mucoid fluid was present in the air passages. Lungs (Right-442gm; left-367gm) were congested and oedematous. Heart (320gm). Left ventricular wall showed a fibrosis over an area of 7x3cm just inner to interventricular septum involving the whole thickness. Myocardium showed thinning in the lower part. Anterior descending branch of left coronary artery was found thickened and narrowed in the upper half. Liver (1041gm) was pale. Spleen (115gm) shrunken. Kidneys (right-124gm; left-95gm) were pale with distinct cortico-medullary demarcation and cortical bleeding. Stomach was full and contained rice and other unidentifiable food particles having no unusual smell, mucosa pale. Urinary bladder empty, mucosa was normal. All other internal organs were pale otherwise normal.

Blood group tested at the Blood Bank of Medical College Hospital, Thiruvanthapuram was found as 'O' Rh positive.

Viscera, sample of blood, portion of tissue from the site of injury on the right side of face were collected and sent for chemical analysis.

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OPINION AS TO CAUSE OF DEATH:-

Death was due to firearm injury sustained to chest (Injury No.1).

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Dr. K. Sasikala M.D., M.Phil,
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and
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Forwarded to:-

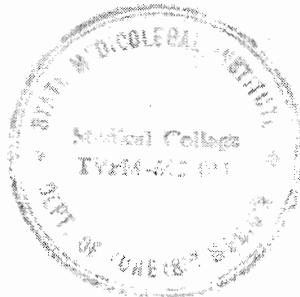
The Chief Judicial Magistrate
CJM Court, Kollam

Copy to:-

✓ The Sub Inspector of Police
Coastal Police Station, Neendakara

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**PROFESSOR AND HEAD AND
POLICE SURGEON**



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