

A female body of apparent 16-18yrs of age was referred from SeramporeWalsh Hospital in a state of advance decomposition with maggots all over the body with generalized blotted appearance and a cream-colouredsalwar on the top. As per information furnished in its inquest report, the girl was missing for last 7 days. The body was recovered from an aquatic place at the nearby country side. At the time of recovery the body was grossly swollen with skin of the entire face was stripped off. The body was then sent to Serampore Walsh Hospital, Hooghly and subsequently referred to Kolkata police morgue. A team of experts of Forensic medicine performed the autopsy of the body with the following positive reports.



**Fig (1): Body found at the place of occurrence**

**External features:-**

- ☐ Average built female body of 5'2" of approximate age of 16-18yrs in a state of advance decomposition .Rigor mortis passed off with peeling of epidermis and maggots all around the body.
- ☐ Wearing apparels- Cream and black colour mixed churidar with underlying one brassiere. The lower part of the body was totally uncovered.
- ☐ One tattoo mark written as R+K at the ventral aspect of left fore-arm.

### **Injuries:-**

- ☐ One stab wound transversely placed at supra-sternal notch measuring 2"x0.6" x air tube .
- ☐ Another stab wound placed ½ " above the previous one measuring 1.8" x 0.3 " x air tube .
- ☐ Stab wound at the level of upper part of thyroid cartilage placed transversely measuring 3" x ½ " x extending up-to trachea with exposure of underlying air way structures.
- ☐ One incised wound joining both the mastoid processes passing over the vertex with downward extension up-to supra-sternal notch involving whole facial skin circumferentially exposing facial skeleton and obscuring the total identity of the deceased.
- ☐ One incised wound 2" x 0.5" x muscle deep at the lateral aspect of right hand.

**Internal findings:-** Showing nothing remarkable features as the process of decomposition took its full effect and maggot activities all around the body.

☐ Wearing apparels, scalp hair, nails, tooth is preserved for FSL with maintenance of proper chain of custody.

☐ With the above post-mortem findings the team of forensic experts come to an opinion that the death was due to the effects of stab injuries on vital airway structures, ante mortem homicidal in nature with disfiguration of face was made to obliterate the identity of the deceased.

☐ Whether there was any sexual offence committed on the deceased could not be opined due to the effects of advance decomposition.

☐ Subsequent police investigation revealed that the deceased girl was in a relationship with the assailant whose name started with letter " K" as find out in tattoo mark of the deceased and he was a meat chopper by profession. But later the deceased refused to marry the assailant and she made another relationship. Following that to take revenge the assailant stabs her and took out the facial skin to conceal her identity.

The modern era has noticed a decrease in the level of tolerability and outbursts of aggressive violent behavior which has got a multi factorial origin. Even though the DSM-IV has not defined aggression clearly but as a working definition aggression is referred to the behavior intended to cause physical injury to others is descriptive by the virtue of its short term consequences that is harm to others. Now aggression and revengeful attitude is common in certain personality traits and mental disorders. The probability of aggression increases when a person becomes psychologically decompensate. As per the instinctive behavioral theory by Sigmund Freud any human behavior stems from complex interplay of

Eros-andThanatos instinct and the thanatos the death force. Where unrestrained thanatos leads to aggression and by the process of displacement is directed outwards that forms the violent behavior towards others. As per Konard Lorenz, aggression springs from the fighting instincts men share with other wild organisms. As per John Dotlards, frustration aggression hypothesis, aggression always stems from an underlying frustration, where direct provocation sometimes contributes to it. Media often contributes to aggressive and violent behavior by a short term stimulating effect on a nascent criminal mind, by projecting the world more hostile than what actually is, by justifying violence and by giving ideas of Modus Operandi of crime.

Now several situational factors like heightened physiological or sexual arousal and infliction of painful stimulus often leads to violent behavior. Recent development in medical science has thrown some light regarding anatomical co-relation of aggression with orbito-frontal cortex plays an important role in socio-pathology and violent behavior. Studies showed that involvement of several neuro-chemicals like Testosterone, Progesterone , Luteinizing hormone, NA , Dopamine ,Serotonin ,5HIAA and Androgen are responsible for violent act. FBI crime report in UK showed 1.5 million of crimes committed per year of which 90000 are rape and 15000 are homicide are committed annually. The situation is really alarming. Homicides are prevalent in the lower socio-economic group and incidents are higher in urban and semi-urban areas compared to rural areas. Domestic violence, broken families, chaotic living condition often contributes to aggressive behavior.