## Case Report

# **Devotion with Caution- A Case Report of Accidental Electrocution**

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### **Abstract**

Electrocutions are usually rare and almost always accidental in nature. They represent only a small segment of unnatural deaths and often occur accidentally in domestic and occupational places. However accidental electrocution occurring during public gathering is a rarity. Department OfForensic Medicine and Toxicology, BIMS, Belgaum received inquests' for conducting Post Mortem on four deceased persons, who had lost their lives during a mass gathering at "ganapathi visarjan". These case reports show the loss of four precious lives for no fault of theirs. Though this might just pass off as another case in the record books of "autopsies conducted" the need arises to highlight the points on what went wrong to cause such a tragic incident and what could have been done to prevent such a scenario.

Key words: Ganapathi Visarjan, Electrocution, Prevention

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### **Introduction:**

Electricity is an energy which moves in a path with a tendency to pass to the earth, where it gets neutralised. Man is prone to electrocution if the mode of supply & circulation of electricity is unsafe and without any precautionary measure, where the human body becomes a suitable conductor for earthing of electric current; Thus making humans prone for accidental electrocution.¹Ganesh Chaturthi is the Hindu festival of Lord Ganesha. While it is been celebrated all over India, it is most elaborate in Andhra Pradesh, Maharashtra, Karnataka, and Goa. Symbolically, Lord Ganesha visits the home on Ganesh Chaturthi day and it is family to decide when they want to give him the farewell. This can happen on the very next day after Ganapathi Chaturthi or the 3rd, 5th, 6th, 7th and 10<sup>th</sup> varying accordingly to the personal & regional beliefs. This farewell that is performed is known as Ganapathi Visarjan ceremony.<sup>2</sup>

On the day of one such Ganapathi Visarjan, Department Of Forensic Medicine and Toxicology, BIMS, Belgaum received inquests' for conducting Post Mortem on four deceased persons. According to the information furnished by the police, all the four persons had lost their lives due to Electrocution, during a mass gathering at a local area. All the four deceased were brought dead to the casualty with history of having come in contact with a high voltage electric wire. As per the police enquiry, the incident occurred at the local area when the devotees at the Ganapathi Visarjan were pulling the trolley carrying the statue of God.

The iron-rod supporting the 28-foot-tall "eco-friendly" Ganesha idol (Fig1) came in contact with the high-tension electric wire laid across the road. Those pulling the trolley suffered severe shocks.<sup>3</sup>

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### **Cases Details:**

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Cause of death was opined as; Death is due to Electrocution.<sup>4</sup>



Fig 1: Ganapathi Idol

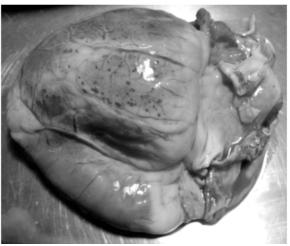


Fig 2: Petechial hemorrhages over the surface of the heart



Figure 3: Diffuse multiple burn injuries over the back, hips, & back of lower limbs



Figure 4: Cavity deep crater over the Right Flank through which the intestines (thickened & hardened-Margins blackish with peeling of skin) protruding out

### **Discussion:**

Accidents may be encountered when individuals disregard warning signs or ignore the presence of high voltage cables while moving some ladder or otherwise, engaged in some activity in the vicinity of the cable.<sup>5</sup> Electrical petechiae represent a non-specific but typical finding in electrocution irrespective of the mechanism leading to death.<sup>6</sup>

Belgaum City located at the border of Maharashtra & Goa has a mixture of various ethnicities & cultures. People here celebrate the Ganapathi Visarjan with great enthusiasm, pomp & pride. The pride is such that, it is directly propionate to the height of the Ganapathi statue!!! On the day of the incident the city had around 300 Ganesha idols installed at various places around the city. All the installed Idols follow the same path for procession before being let off into the lake creating crowd accumulation & unnecessary chaos. There is very little scope for public safety at such mass gatherings. What went wrong? Here in our case there was loss of 4 innocent lives for no fault of theirs.

- Did God punish them for their mistakes?
- Or did God seize to exist at that moment?

It was a case of sheer negligence & mismanagement. Though there are laws about the specifications in size & manner in which the Ganesha idols have to be placed, these are least taken care of. The maximum permitted height for the idols taken on procession is less than 15 feet but in our case it was 28 feet. There are so many Laws present and been formulated in the region, which most of the times are violated.

### **Conclusion:**

Such unfortunate incidences could be reduced by,

- Minimizing the number of idols installed by granting permission for a fixed number, for the specific area.
- During the procession as all the idols taken out follow a specific path, Power &

- electricity management can be done to avoid such tragic events.
- Regulation on the height of the idols and strictly adhere to the regulations.
- The electricity board to regulate the average height of the high tension electric wires installed.
- The city police to coordinate in active crowd control measures.

This was a situation of negligence, mismanagement & non implementation of the existing laws. These case reports stress the need for implementation of the existing laws in a stringent manner, without any violation for the safety of the common man & welfare of the society.

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