

IATROGENIC TRACHEOARTERIAL FISTULA: CASE REPORT AND REVIEW OF LITERATURE

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Tracheo-innominate fistula is rare, but recognized life-threatening complication most commonly associated with prolonged endotracheal intubation.

We report the case of a 16-year-old boy who developed tracheo-innominate fistula secondary to the prolonged intubation after a pool accident. After 16 days of hospitalization, the patient died as a consequence of massive haemorrhage into the tracheobronchial tree and asphyxia.

It is a rare complication and to our knowledge no case of tracheo-innominate fistula or any case series concerning this rare complication has recently been reported from Serbia. This case report addresses the epidemiology of a trachea-innominate fistulisation as a complication of a prolonged tracheal intubation, with a special overview on the forensic importance of it as iatrogenic injury.

Keywords: *tracheo-innominate fistula, endotracheal intubation complication, iatrogenic injury*