HILARIS

Journal of Clinical Anesthesiology: Open Access

2020

Vol: 4 Sp. Iss. 1

Inadvertent retrograde cannulation of right internal jugular vein: A Case report on erroneous positioning of catheter tip in superior jugular venous bulb

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Abstract

Background: Percutaneous retrograde cannulation of the internal jugular vein (IJV) is a widely used technique for cerebral venous sampling in intensive care treatment for Central Venous Pressure (CVP) monitoring and administration of pressor agents, blood products, and for frequent blood sampling. Ultrasound (USG) guided central venous cannulation is a preferred modality to lower the errors while insertion and reduce the complication rates. **Case Report:** We report a case of inadvertent cannulation of the superior jugular venous bulb during retrograde catheterization of the right IJV in a case of 24 years old male with ruptured liver abscess and intestinal obstruction posted for emergency laparotomy. **Conclusion:** Although a multitude of complications associated with IJV catheterization has been described, the retrograde cannulation of the internal jugular vein is rare and it will be discussed in the light of existing knowledge of literature with the case presentation.

Biography

Dr Mohd Anas Khan completed his M.B.B.S from KMCH and is currently pursuing his M.D (Anaesthesiology) from ESI PGIMSR Basaidarapur New Delhi since May 2018.

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2. Heat Related Illnesses; Review of an Ongoing Challenge

5th International Anesthesia and Pain Medicine Conference - Dubai, UAE- August 10-11, 2020.

Abstract Citation:

Mohd Anas Khan, Inadvertent retrograde cannulation of right internal jugular vein: A Case report on erroneous positioning of catheter tip in superior jugular venous bulb, Anesthesia Meet 2020, 5th International Conference on Anesthesia and Pain Medicine Conference; Dubai, UAE- August 10-11, 2020.
(https://anesthesiology.conferenceseries.com/2020)