

# RARE COMPLICATIONS ALSO HAPPEN: EPIDURAL HEMATOMA AFTER SPINAL ANESTHESIA



Celina Oliveira, Celina Gomes, Juliana Louro, Diamantino Pereira  
Anesthesiology Department - Hospital Braga, Portugal

## BACKGROUND AND AIMS

Epidural hematoma (EH) is a rare and potentially catastrophic complication of spinal or epidural anesthesia (incidence is less than 1:150,000 and less than 1:220,000, respectively)<sup>1</sup>. The vast majority of reported cases have occurred in patients with abnormal coagulation, either secondary to disease, or under pharmacological therapies<sup>2</sup>.

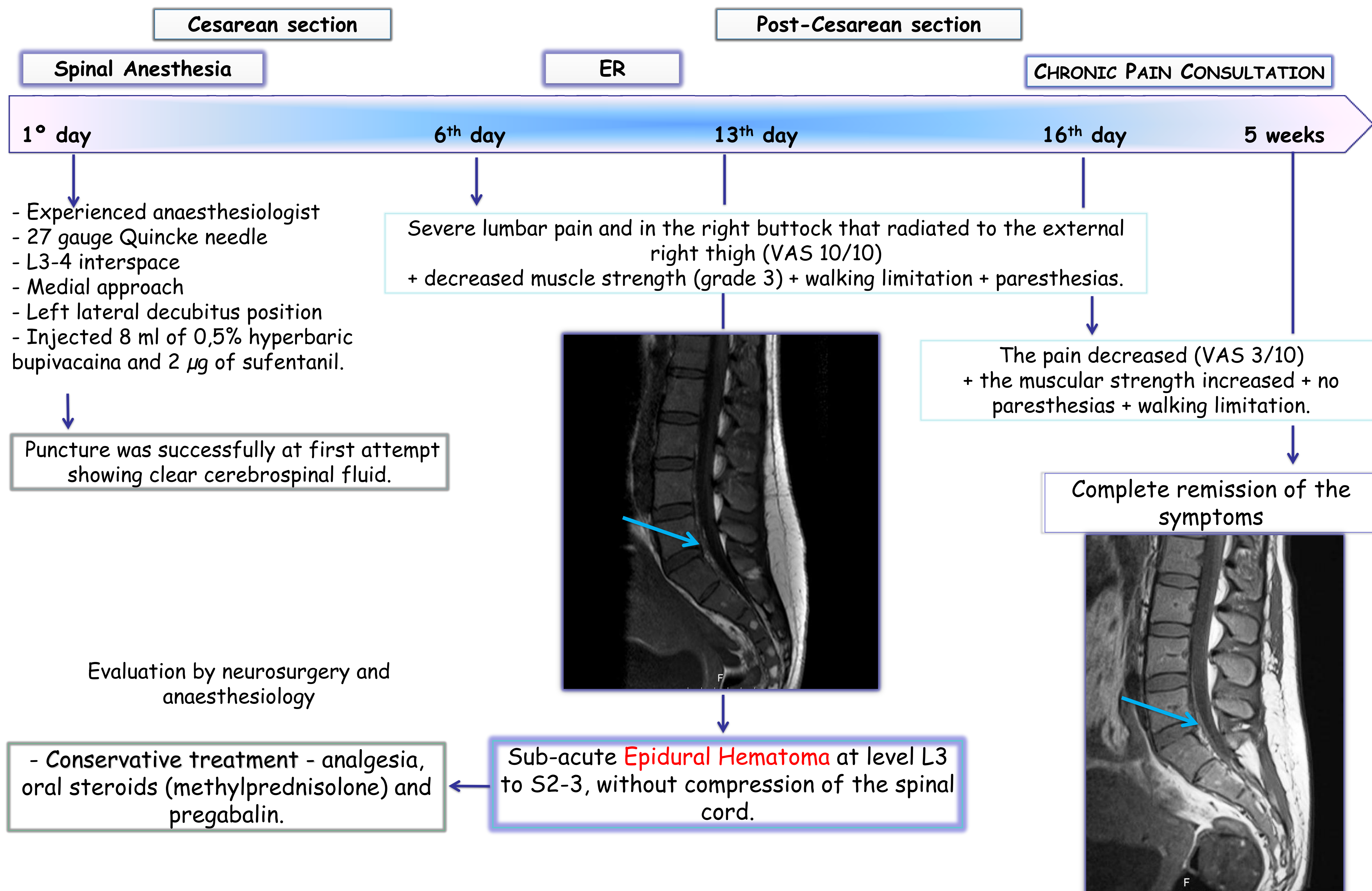
We reported a case of an EH in a pregnant woman after a single-dose spinal anaesthesia (SA).

## CASE REPORT

Pregnant, 37 years old, 70 kg, 165 cm, underwent a SA for urgent cesarean section.

ASA 1. She had already been submitted to 2 SA for cesarean sections, both with no complications.

The preoperative study was normal and she takes no medication.



## CONCLUSIONS

The patient didn't have any apparent risk factors, like hemorrhagic puncture, coagulation disorders and inhibitors of haemostasis medication<sup>3</sup>, but an EH developed nevertheless. The option for a conservative treatment seems to have been an appropriate and wise choice.

References: 1 - Reg Anesth Pain med 2010; 35:64-101 3  
2 - Rev. Esp. Anestesiol. Reanim. 2010; 57(S1):S10-S14  
3 - Anaesthesiol Intensiv med Notfallmed Schmerz. 1993; 28:179-181 2