

CAPSAICINA 8% PATCH FOR NEUROPATHIC PAIN AFTER INTRAMEDULLARY SPINAL CORD CARVERNOUS MALFORMATION SURGERY

A. SOSA¹, I. PEÑA¹, G. CASADO¹, A. PAJUELO¹.

¹Department of Anaesthesiology & Pain Therapy, University Hospital Virgen del Rocío, Seville, Spain
Contact: isaacpv@gmail.com

Introduction

Capsaicin 8% patch has been shown as an alternative treatment for local neuropathic pain in several reports and studies.

Objetives

Cavernous malformations (CMs) are vascular malformations that can occur throughout the central nervous system. CMs are not uncommon, but most of them are found to be located intracranially, especially in supratentorial compartments. Intramedullary CMs are rare, up 5% of central nervous system incidence. Generally asymptomatic, surgical management is the treatment of choice.

Materials & Methods

A 54-year-old man with operated lumbar slipped disc and horse-tail cavernoma as relevant medical history, was admitted to our department with complaints of painful paresthesias in left foot without a typical radicular distribution. After two surgical interventions, patient presents neuropathic pain without any recovery, although medical treatment (tramadol, pregabalin, amitriptilin, NSAID's). Neuroestimulation device is not recommended as well as other interventional procedures. Capsaicin 8% patch was applied in the whole left foot.

Conclusions

Capsaicin 8% patch is anew shown as an effective alternative treatment for severe local neuropathic pain.

Results

After capsaicin patch application patient referred pain relief (VAS 8 to 3). Rehabilitation program started and medical treatment was reduced significantly.

Acknowledgement & Disclosure

Further investigation and confirmation by others is warranted. All authors declare they have not received logistical or financial support for the preparation, conduction and analysis of this study. A. Sosa, I. Peña, A. Pajuelo, and G. Casado, report no conflict of interest.

