



Neurocirugía



<https://www.revistaneurocirugia.com>

C0105 - FETOSCOPIC REPAIR VIA MATERNAL LAPAROTOMY OF PRENATALLY DIAGNOSED MYELOMENINGOCELE

J. Zamorano Fernández, J.L. Peiro, F. Lim, S. Tabah and C.B. Stevenson

Cincinnati Childrens Hospital, Ohio, USA.

Resumen

Objectives: Prenatal surgery for myelomeningocele reduces the need for shunting, reverses the hindbrain herniation and improves neurologic function, but is associated with maternal and fetal risks. With the intention of reducing those risks, a minimally invasive fetoscopic approach has been developed. Controversy exists regarding the most optimal approach: open vs percutaneous fetoscopic frente a fetoscopic repair via maternal laparotomy.

Methods: We present a video case of a fetoscopic repair via maternal laparotomy with description of the technique, pearls and pitfalls.

Results: Fetoscopic repair was successfully performed with no post-operative complications related to the technique.

Conclusions: Fetoscopic repair of myelomeningocele via maternal laparotomy is a safe and feasible technique and may address the risks associated with an open repair, including premature rupture of membranes and preterm birth.