

“The treatment appeared to be beneficial in the management of extravasations of various medications in neonates and may be useful in reducing the severity of cutaneous toxicosis. However, further studies with large samples are still needed to assess the effectiveness and safety of hyaluronidase and hirudoid” Yan et al (2014).

Reference:

Yan, Y.M., Fan, Q.L., Li, A.Q., Chen, J.L., Dong, F.F. and Gong, M. (2014) Treatment of cutaneous injuries of neonates induced by drug extravasation with hyaluronidase and hirudoid. Iranian Journal of Pediatrics. 24(4), p.352-8.

Abstract:

**OBJECTIVE:** To analyze the effects of hyaluronidase and hirudoid treatment on drug extravasation in neonates.

**METHODS:** The medical records of 13 neonates with drug extravasation treated with hyaluronidase and hirudoid between August 1(st), 2010 and May 1(st), 2012 were analyzed retrospectively. The treatment procedure for drug extravasation adhered to the protocol in neonatal department. The information including age, sex, weight, diagnosis, size of affected area, site of extravasation and treatment was collected. Findings : The extravasation injuries alleviated and the symptoms improved after treatment, no adverse drug effects were reported with use of hyaluronidase and hirudoid.

**CONCLUSION:** The treatment appeared to be beneficial in the management of extravasations of various medications in neonates and may be useful in reducing the severity of cutaneous toxicosis. However, further studies with large samples are still needed to assess the effectiveness and safety of hyaluronidase and hirudoid.

Full Text

Thank you to our partners for supporting IVTEAM