

# Be Prepared in the Event of a High Pressure Fluid Injection Injury

- Train your staff on proper operation and maintenance of all equipment to prevent injuries from occurring.
- Train your staff on actions to take in the event of a high pressure fluid injection injury.
- Keep current copies of Material Safety Data Sheets (MSDS) easily accessible.
- Keep copies of any supporting documents\* (which illustrate the urgency and potential severity of injection injuries) easily accessible.

## In the event of an injection injury...

- Note the time of injection.
- Identify injected fluid - obtain MSDS sheet if possible.
- Obtain a copy of supporting documents\* to have available for medical staff evaluating the injury.
- **Immediately seek medical care.**

\* Because some medical professionals may not be familiar with treatment of high pressure fluid injection injuries, they may underestimate the urgency and/or severity of the situation. In such a scenario, scientific literature establishing the necessity of urgent medical intervention may be useful to communicate with the attending medical team.

Hose & Fittings, Etc. does not intend to dispense medical advice. We are providing links to scientific literature, which, at your option, may be used to communicate with medical staff. The links are for your convenience only. We cannot verify the validity of the information. We do not endorse any of the documents or websites that the links point to. Please conduct your own due diligence before you decide to use any of the materials.

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Below are links to literature about high pressure fluid injection injuries. View more detailed information in this document by following the links, or scanning the QR codes with your smart phone ([QR scanner application](#) required).



***High-pressure injection injury of the hand: an often underestimated trauma: case report with study of the literature (N. Verhoeven & R. Hierner)***

February 2, 2008 by N. Verhoeven and R. Hierner

Includes an easy to follow flowchart of recommended treatment, downloadable as a PDF document  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2291478/>



***High Pressure-Injection injury***

May 12, 2011 By Kane Guthrie

A review on the emergency department assessment and management of high-pressure injection injuries.

<http://lifeinthefastlane.com/2011/05/high-pressure-injection-injury/>



***Injection injuries: seemingly minor injuries with major consequences***

Published in Hippokratia, Quarterly Medical Journal, Jan-Mar 2008

By HZ Dailiana, D Kotsaki, S Varitimidis, S Moka, M Bakarozi, K Oikonomou, and NK Malizos

Case study of eight injection injuries treated by Department of Orthopedic Surgery of Larissa University Downloadable as a PDF document

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2532970/>



***Hand Injection Injuries***

Published on MedScape Reference website, updated May 22, 2012

Includes statistics on injection injuries as well as outcomes of treatment

<http://emedicine.medscape.com/article/1288097-overview>



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