

Caution: serious reactions can occur with inadvertent [intrathecal](#) injection (e.g. for [myelography](#), [cisternography](#), [ventriculography](#)...) of [iodinated contrast media](#) that are not specifically indicated for [intrathecal](#) use (including ionic contrast agents as well as some non-ionic agents (e.g. [Optiray](#)®, [Reno-60](#)...)). This can cause uncontrollable [seizures](#), [intracerebral hemorrhage](#), [cerebral edema](#), [coma](#), [paralysis](#), [arachnoiditis](#), [myoclonus](#) (tonic-clonic muscle spasms), [rhabdomyolysis](#) with subsequent [renal failure](#), [hyperthermia](#), and respiratory compromise, with a significant fatality rate ¹⁾.

¹⁾

Rivera E, Hardjasudarma M, Willis BK, et al. Inadvertent Use of Ionic Contrast Material in Myelography: Case Report and Management Guidelines. *Neurosurgery*. 1995; 36:413–415

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