

Efficacy of cryotherapy versus intralesional meglumine antimoniate (glucantime) for treatment of cutaneous leishmaniasis in children

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Abstract

We compared intralesional glucantime and cryotherapy for treatment of children with cutaneous leishmaniasis in Iran. We observed that cryotherapy is an effective treatment for cutaneous leishmaniasis in children. No serious post-treatment side effects were observed in either group. At six months of follow-up, no recurrence of disease was observed in cured patients in either group. Because of its simplicity, lower cost, low rate of serious complications, and greater tolerability, cryotherapy should be recommended as an appropriate alternative treatment for leishmaniasis in children. Copyright © 2009 by The American Society of Tropical Medicine and Hygiene.

Reaxys Database Information

Indexed Keywords

EMTREE drug terms: meglumine antimonate; antiprotozoal agent; meglumine; meglumine antimoniate; organometallic compound

EMTREE medical terms: article; child; clinical trial; controlled clinical trial; controlled study; cryotherapy; drug efficacy; female; health care cost; human; injection site erythema; injection site pruritus; intermethod comparison; major clinical study; male; preschool child; randomized controlled trial; school child; skin leishmaniasis; treatment outcome; comparative study; intralesional drug administration; Iran; parasitology

MeSH: Antiprotozoal Agents; Child; Child, Preschool; Cryotherapy; Female; Humans; Injections, Intralesional; Iran; Leishmaniasis, Cutaneous; Male; Meglumine; Organometallic Compounds; Treatment Outcome

Medline is the source for the MeSH terms of this document.

Chemicals and CAS Registry Numbers: meglumine antimonate, 133-01-7; meglumine, 30064-86-4, 6284-40-4; Antiprotozoal Agents; meglumine antimoniate, 133-01-7; Meglumine, 6284-40-4; Organometallic Compounds

Drug tradename: glucantime, Specia, France.

Manufacturers:Drug manufacturer: Specia, France.

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