

# Treatment Modalities of Necrobiosis Lipoidica: A Concise Systematic Review

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## Abstract

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Necrobiosis lipoidica (NL) is a rare inflammatory granulomatous skin disorder closely associated with diabetes mellitus. The aim of this paper is to review and discuss all the treatment modalities proposed and tested for this disease. A systematic review of the existing literature was conducted to investigate all the available data and summarize all the clinical trials, case reports and original articles on NL. Two major databases (PubMed and Google Scholar) were used. We have examined about 70 articles. Numerous treatment modalities have been currently investigated to compare recalcitrant NL. Being rare, most of the studies regarding this disease are case reports or small-scale clinical trials. We have found that, in spite of plentiful investigations carried out during the years, there is no treatment modality that has proved to be utterly satisfactory in treating NL.

**Key words:** Necrobiosis lipoidica, treatment, review