

ABSTRACT

A pilot study was conducted to investigate the effectiveness of low level laser therapy (LLLT) in the treatment of verrucae pedis. 24 participants were randomly allocated to either a treatment or placebo group and lesion size was assessed using digital photography. An energy dose of 54J/cm² was delivered to the infected tissue of 12 participants using a Gallium Aluminium Arsenide (Ga-Al-As) laser (wavelength 915nm) followed by application of a Multi Scan™ system. A placebo was given to the remaining 12 participants. Participants presented several times per week for an average of ten treatments. No significant difference was seen between treatment and placebo groups ($p>.05$). Results of this study suggest that LLLT at these parameters is ineffective in the treatment of verrucae pedis. However, the results of this study should be considered in light of the low sample size.

Australasian Journal of Podiatric Medicine
2005; Vol 39, No.1 : 7-10

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