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51 North American supplement
The third of this year’s North American supplements contains two articles looking at infection. The first, to determine the effect of two different dressings in a number of in vitro and in vivo models of wounds. The second, compared healing using a bioluminescent Pseudomonas aeruginosa, in non-diabetic and diabetic mouse models. Also, read about patients’ and clinicians’ views on treatment by home care and multidisciplinary teams.

361 Amputation predictors in diabetic foot ulcers treated with hyperbaric oxygen
The authors identified 146 patients with chronic diabetic foot ulcers (DFUs) treated with hyperbaric oxygen therapy, in addition to standard treatment. The DFUs were monitored for at least 3 years, or until healing or amputation occurred. S.T. Kaplan, D. Hemmelin, S. Kaplan, A. Arslan

368 Quality of life in patients with leg ulcers: results from CHALLENGE, a double-blind randomised controlled trial
The data presented here is the secondary endpoint of the CHALLENGE randomised controlled trial, health-related quality of life. The results were documented by the patients treated with a TLC-NOF dressing or control TCL dressing. S. McKenna, A. Donnmaria, C. Lok, I. Lazaroth, M. Sgali, F. Titchet, A. Savade, S. Bobbot

381 Measurement of pH, exudate composition and temperature in wound healing: a systematic review
Following an extensive search of the electronic databases, 23 studies, three on pH, 12 on exudate composition and eight on temperature, were assessed for inclusion in this review. G. Power, Z. Moore, T. O’Connor

400 Survival rate and pressure ulcer prevalence in patients with and without dementia: a retrospective study
The authors assessed pressure ulcers (PUs) using the EPUIAP staging system and patients were classified as either with or without dementia. Analysis of PUs and survival rates comparing those with and without dementia was undertaken. E. Iaid, J.P. Rosenweig, O. Motton

404 The use of a micropore particle technology in the treatment of acute wounds
Presentation of a case series of 10 wounds characterised as sloughy, wet and probably infected, which had a micropore particle technology applied topically to the wound surface. E. Ryan

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This year’s cover theme is entomology