IMPLEMENTATION OF A LEG ULCER STRATEGY IN SLOVENIA
– CASE IDENTIFICATION

Justina Somrak¹, Marta Gantar¹, Helena K Peric¹, Peter J. Franks²

¹Slovenian Wound Management Association, Slovenia, ²Centre for Research and Implementation of Clinical Practice,
Thames Valley University, London, United Kingdom

Introduction: The management of chronic leg ulceration represents a problematic challenge in Slovenia as well as in
many other European countries due to different factors, such as organisational, educational and financial issues. Patients
do not have equal access to services and medical devices. There is clearly a lack of data which would enable us to
assess adequately the effectiveness of wound management provided and to implement changes to improve current
practices.

SWMA and EWMA decided to undertake project to produce evidence to improve leg ulcer management. The first part of
the project, a prevalence study forms the basis of this presentation. Further steps include more detailed evaluation of
provided treatments, development of more effective strategies, education and their implementation in practice.

Aim: The complete project aim is to develop a rational approach to the leg ulcer management that will be available to all
patients with chronic leg ulceration and that will serve as a model to other countries. The aim of the first part of the study
is to gather data on which we can base further evaluations and proposals for implementation.

Methods: Dolenjska region (southeast of Slovenia), with a population of 138,872 was selected as study site.
Questionnaires were sent to all health care institutions managing leg ulcers (hospitals, health care centres, nursing
homes, private clinics) and distributed to health care workers treating wounds in these institutions. Prior to the
questionaire distribution meetings were held in institutions to introduce the aim and the methods of the study.

Results: In total 309 patients were identified in the study, which represents a prevalence rate of 1.87/1,000 population.
Two thirds of patients were women. The mean age was 72.5 years. Almost half of the diagnoses were made on clinical
assessment alone. A wide variety of medical and nursing staff treat patients with chronic ulceration. Pain is an important
issue for patients who suffer from the condition. The average number of visits was high in this patient group (3.82/week).
More then 160 products were used for management of these ulcers.

Discussion: More detailed data analysis from this study is still in progress (e.g. cost-effectiveness). Initial data suggests
higher prevalence of leg ulcerations compared to some other countries. There is a reliance on clinical diagnosis without
the use of appropriate investigations in many patients. There is a clear need to develop guidelines on treatment including
an appropriate product formulary.