HEALTH-RELATED QUALITY OF LIFE, TREATMENT BURDEN AND QUALITY OF MEDICAL CARE OF PATIENTS WITH VENOUS LEG ULCERS IN GERMANY

Eike Sebastian Debus1, Nadine Franzke2, Ines Schaefer2, Sandra Purwins2, Christine Reich2, Matthias Augustin2

1Dept. of Surgery, Asklepios Clinics of Harburg, Hamburg, Germany, 2CVderm, University Clinics of Hamburg, Hamburg, Germany

Aim: Evaluation of health-related quality of life (QoL), treatment burden and quality of medical care among patients with venous leg ulcers (VLU) in Germany.

Methods: Data were derived from a nationwide study on the cost-of-illness and medical care in VLU in 31 wound centers. Disease-specific QoL was assessed with the Freiburg Life Quality Assessment (FLQA-w) including a specific tool for treatment burden. Patient-reported treatment benefits were measured using the patient benefit index (PBI-w). Patient satisfaction and patient assessment of quality of care were evaluated by standardized questions.

Results: Out of 218 total VLU patients investigated, 213 (97.7%) revealed QoL reductions due to their chronic wounds. Significant reductions of health were found in 27.1% regarding general health, 43.5% regarding wound condition and 38.5% regarding QoL. 46.4% showed significant burden of treatment, 46.6% considered therapy time-consuming, 48.8% were strongly depending on the help of others. Regarding treatment benefits, 85.4% of patients showed a PBI>1, indicating at least a minimum patient-defined benefit of the most recent treatment. In 60.4% of the patients, there was a PBI>2 which reflects relevant treatment benefit. Asked about their subjective appraisal of medical care, 67.5% of patients rated a good or very good care, 89.7% were satisfied with their treatment.

Discussion: This is the first nationwide German study on the quality of care in VLU. The patients were recruited in specialized wound centers. This may explain why a great proportion of patients is satisfied with treatment. However, even under optimal treatment, most patients with VLU face reductions of QoL. Hence, a special focus in the management of VLU should be put on patient-relevant problems such as pain and treatment burden.