

Developed in collaboration with the Wound Care Champions, Wound Care Specialists, Enterostomal Nurses, and South West Regional Wound Care Program (SWRWCP) members from Long Term Care Homes, Hospitals, and South West Community Care Access Centre contracted Community Nursing Agencies in the South West Local Health Integration Network.



<b>Title</b>	<b>Procedure: Cardiff Wound Impact (Quality of Life) Questionnaire</b>
<b>Background</b>	<ul style="list-style-type: none"> <li>• Quality of life (QoL) is defined as a person’s satisfaction or evaluation of their own life compared with what they expect to be possible at that stage of their life. It’s a subjective, qualitative measure that generally covers four domains: physical/functional status, symptoms and side effects, social functioning, and psychological state</li> <li>• (People) with ... chronic wounds ... often experience functional disability and emotional distress; incorporating health-related quality of life (HRQoL) measurements in clinical practice may improve the understanding of a chronic wound patients’ healthcare needs”<sup>1</sup></li> <li>• The “Cardiff Wound Impact (Quality of Life) Questionnaire” was developed to assess HRQoL in people with chronic wounds of the lower limbs<sup>2</sup></li> <li>• The questionnaire has undergone extensive piloting on persons with leg ulcers and diabetic foot ulcers, and linguistically for translation into French, German and US English. It has been found to have good internal consistency, reproducibility, and construct validity. The questionnaire was also able to discriminate between those with healed ulcers and those with active ulcers<sup>2</sup></li> <li>• The questionnaire can be interviewer administered or self-administered (ideal), and takes approximately 10 minutes to complete</li> </ul> <p><b>Usage Restrictions</b></p> <ul style="list-style-type: none"> <li>• If the form is used the Cardiff Wound Healing Research Unit asks that individuals share their anonymized raw data in relation to the questionnaire, as they are hoping to develop standardized norms for the questionnaire. Elizabeth Mudge is the coordinator of the database of users</li> <li>• Author contact:          Professor Patricia Price, Dean and Head of School of Healthcare Studies          Cardiff University Ty Dewi Sant          Health Park, Cardiff          CF14 4XN          PricePE@cf.ac.uk</li> </ul>
<b>Indications</b>	This procedure is intended to be used by front line registered health care providers, to assist with their assessment and management of individuals admitted/presenting with a wound or expressing impaired QoL related to the presence of a wound.
<b>Procedure</b>	<b>NOTE: The use of the “Cardiff Wound Impact (Quality of Life)</b>

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	<p><b>Questionnaire” is but one part of the holistic assessment of individuals admitted/presenting with a wound or expressing impaired Qol related to the presence of a wound.</b></p> <p><b>Assessment</b></p> <ol style="list-style-type: none"> <li>1. Determine the need to perform the “Cardiff Wound Impact (Quality of Life) Questionnaire”:       <ol style="list-style-type: none"> <li>a. At admission to your organization (if one had not been previously completed) or upon presentation with a wound, and then;</li> <li>b. When a negative attitude about the persons Qol related to the presence of the wound, is identified.</li> </ol> </li> <li>2. If available assess the person’s baseline “Cardiff Wound Impact (Quality of Life) Questionnaire” for reference</li> </ol> <p><b>Planning</b></p> <ol style="list-style-type: none"> <li>1. Expected outcomes:       <ol style="list-style-type: none"> <li>a. Information from your Qol assessment will contribute to the completion of the “Cardiff Wound Impact (Quality of Life) Questionnaire”</li> <li>b. Registered nursing staff, in collaboration with other involved health care disciplines and the person with the wound, will be able to use the Qol assessment information to initiate/modify and implement an appropriate, interdisciplinary, person-centered plan of care which contains clear directions to the staff and others who are providing the person with direct care</li> </ol> </li> <li>2. Explain to the person the purpose for the Qol assessment and obtain verbal or implied consent</li> </ol> <p><b>Implementation</b></p> <ol style="list-style-type: none"> <li>1. Provide for privacy</li> <li>2. Ensure you perform the Qol assessment in a quiet, un-distracting environment</li> <li>3. Complete the “Cardiff Wound Impact (Quality of Life) Questionnaire”:       <ol style="list-style-type: none"> <li>a. Document on the form the person’s initials, sex, date of birth, and identifying number, in the appropriate spots</li> <li>b. Indicate, by checking the appropriate box, whether this is the initial or a subsequent Qol assessment and input the assessment date</li> <li>c. Indicate, by checking the appropriate boxes, whether the wound is ‘healed’ or not, whether the person lives alone or not, and the frequency the person sees their family and/or friends (this data may help to explain some of the person’s responses in the questionnaire)</li> <li>d. Pose questions to the person to elicit responses to the 47 screening questions, found in the four domains: ‘Social Life’</li> </ol> </li> </ol>
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	<p>(14 questions graded on a five point Likert scale), ‘Well-Being’ (seven questions, graded on a five point Likert scale), ‘Physical Symptoms and Daily Living’ (24 questions, graded on a five point Likert scale), and ‘Overall Quality of Life’ (two questions, graded on a 10 point Likert scale). <b>NOTE: the five point Likert scales use the following response terminology ‘Not at all/not applicable’, ‘Slightly’, ‘Moderately’, ‘Quite a Bit’, and ‘Very’.</b> <b>Choose the description that corresponds with the persons response</b></p> <p>e. Once you have completed each page, total the person’s responses on that page and insert that score into the appropriate box at the bottom right hand side of that page. <b>NOTE: the five point Likert scales score as follows: 1 = Not at all/Not Applicable, 2 = Slightly, 3 = Moderately, 4 = Quite a bit, and 5 = Very)</b></p> <p>f. On the final page of the tool, have the person indicate on the 10-point Likert scale, responses to the final two questions. Total this sub-score in the appropriate box at the bottom right hand side of that page</p> <p>g. Total the sub-scores from the six pages of questions to determine the person’s total screening score (max 245 points)</p> <p>4. Discuss the findings of the assessment with the person and implement referrals and interventions as indicated</p> <p>5. Share the results of the QoL assessment with the person’s interdisciplinary wound care team</p> <p>6. Complete/update and initiate an appropriate, interdisciplinary, person-centered plan of care, based on your QoL assessment, as per your organization’s policy</p> <p><b>Evaluation</b></p> <p>1. Unexpected outcomes:</p> <p>a. The “Cardiff Wound Impact (Quality of Life) Questionnaire” is not completed according to this Procedure and/or appropriate interventions are not put into place</p> <p>2. Reassess the person’s QoL using the “Cardiff Wound Impact (Quality of Life) Questionnaire”, each time the person expresses dissatisfaction re their QoL related to the presence of their wound</p>
<b>References</b>	<p>1 Harlin SL, Harlin RD, Sherman TI, et al. Understanding a structured, computer-assisted questionnaire for evaluating health-related QOL with chronic lower extremity wounds. <i>Ostomy Wound Management</i>. 2009;55(9).</p> <p>2 Price P, Harding K. Cardiff Wound Impact Schedule: the development of a condition-specific questionnaire to assess health-related quality of life in patients with chronic wounds of the lower limb. <i>Int Wound J</i>. 2004;1:10-7.</p>
<b>Related Tools</b>	<ul style="list-style-type: none"> <li>• The Cardiff Wound Impact (Quality of Life) Questionnaire</li> </ul>

**(NOTE: these tools and their instructions can be found on the SWRWCP's website: [swrwoundcareprogram.ca](http://swrwoundcareprogram.ca))**