Atrial Fibrillation Effect on Quality-of-life (AFEQT) Questionnaire
Instruction and Scoring Manual

Version 1.0
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1. **Purpose**
   The purpose of this document is to provide information on administration and scoring of the Atrial Fibrillation Effect on Quality-of-life (AFEQT) questionnaire.

2. **What is the AFEQT questionnaire?**
   The AFEQT questionnaire is an atrial fibrillation-specific health-related quality of life (HRQoL) questionnaire designed to be used in different clinical settings including clinical research, survey studies, or clinical practice to assess the impact of atrial fibrillation on patients’ HRQoL and possibly assess changes with treatment.

3. **Administration of the AFEQT questionnaire**
   The AFEQT was developed as a self-administered questionnaire. The completion of the instrument should take about 5 minutes.

   It is required that each respondent be capable of reading and understanding English. If a respondent cannot read English, he/she will not be able complete the questionnaire.

   In a clinic or doctor’s office setting, the AFEQT questionnaire should ideally be administered prior to seeing and/or being examined by a physician to ensure patients’ responses would not be influenced by physicians’ evaluation, unless the patient is newly diagnosed. If other questionnaires are to be administered at the same time, the AFEQT should be completed FIRST so that answers to other questionnaires do not influence the responses to the AFEQT.

   All respondents should be encouraged to answer each question. If the respondent asks for clarification of a particular item, read the question to the subject verbatim. If the respondent still asks for clarification, explain to him or her that he/she should use his/her own interpretation of the question.

4. **Scoring the AFEQT Questionnaire**
   **4.1 General Scoring Information**
   The responses on the AFEQT are scored on a 1 to 7 Likert scale, where for questions 1-18, 1= “Not at all…” to 7 = “Extremely...”. Questions 19- 20 relate to patients’ satisfaction with treatment and are not included in HRQoL score of the AFEQT questionnaire.

   **4.2 Overall AFEQT score**
   Calculation of the AFEQT score is calculated based on the following formula:

   Overall AFEQT score:
   \[
   \frac{100 - \left( \frac{\text{sum of severity for all questions answered} - \text{number of questions answered}}{\text{total number questions answered}} \times 6 \right)}{\text{X 100}}
   \]
4.3 Subscales scores
Subscales scores are computed similarly to the overall score from each subscale used to generate its own score.

The 18 questions are grouped into 3 functional subscales as described below:

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symptoms</td>
<td>1, 2, 3, and 4</td>
</tr>
<tr>
<td>Daily Activities</td>
<td>5, 6, 7, 8, 9, 10, 11, and 12</td>
</tr>
<tr>
<td>Treatment Concern</td>
<td>13, 14, 15, 16, 17, and 18</td>
</tr>
</tbody>
</table>

The 2 treatment satisfaction questions are not part of the overall AFEQT score but are computed as its own subscale similarly to the overall score.

<table>
<thead>
<tr>
<th>Subscales</th>
<th>Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment Satisfaction</td>
<td>19, 20</td>
</tr>
</tbody>
</table>

Calculation of Subscale scores:

\[
100 - \frac{\text{(sum of severity for questions 1, 2, 3, and 4 answered - number of questions answered)}}{\text{(total number questions answered X 6)}} \times 100
\]

Calculation of Daily Activities Subscale score:

\[
100 - \frac{\text{(sum of severity for questions 5, 6, 7, 8, 9, 10, 11, and 12 answered - number of questions answered)}}{\text{(total number questions answered X 6)}} \times 100
\]

Calculation of Treatment Concern score:

\[
100 - \frac{\text{(sum of severity for questions 13, 14, 15, 16, 17, and 18 answered - number of questions answered)}}{\text{(total number questions answered X 6)}} \times 100
\]

Calculation of Treatment Satisfaction score:

\[
100 - \frac{\text{(sum of severity for questions 19 and 20 answered - number of questions answered)}}{\text{(total number questions answered X 6)}} \times 100
\]

4.4 Interpretation
Overall or subscale scores range from 0 to 100. A score of 0 corresponds to complete disability (or responding “extremely” limited, difficult or bothersome to all questions answered), while a score of 100 corresponds to no disability (or responding “not at all” limited, difficult or bothersome to all questions answered).

For example, if a patient answered all “1” for the Treatment Concern subscale, the subscale score would be 100 - [(6 – 6) / 6 x 6] x 100 = [0/36] x 100 = 100 or patient has no disability.

Conversely, if a patient answered all “7” for the Treatment Concern subscale, the subscale score would be 100 - [(42 – 6) / 6 x 6] x 100 = [36/36] x 100 = 0 or patient is extremely limited.