

POSTER 48

ESTABLISHING AN EQ-5D REFERENCE SCORE BY CONSECUTIVE ASSESSMENT OF SARCOMA PATIENTS IN AN OUTPATIENT SETTING

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BACKGROUND:

With the advent of value-based health care, quality and economics of treatment in medicine becomes more and more important. To do so, quality needs to be defined and assessed. In this context, patient reported outcome measures are increasingly accepted and required to determine the quality of treatment of patients. There are many validated questionnaires covering a wide variety of aspects of life which are directly reported by the patients and independently of the clinical metrics as assessed by the physicians.

QUESTION / PURPOSES:

What is the health-related quality of life according to EQ-5D in a large sarcoma patient population?

PATIENTS & METHODS:

Since November 2021, we requested a consecutive cohort of patients who were being treated for sarcoma, to judge their level of walking, self-sufficiency, usual daily activities, pain, and fear level, according to the EQ-5D questionnaire using a tablet. The patients were asked during a regular outpatient visit which was conducted either at a first-time presentation or follow-up visit.

RESULTS:

Up to now, the questionnaires of 634 patients were assessed. The overall satisfaction level was 76.6% (range, 0 to 100%), with a median of 80%, and Q1/Q3 with 70%/90%. Summarizing all the scores of the five parameters, we found a mean score of 87% (range, 30 to 100), with a median of 90% and Q1/Q3 of 80%/100%. Interestingly, whereas surgery was not associated with worse association of any of the parameters, patients who had chemotherapy scored significantly worse with respect to mobility, activity, and self-care. Also, patients above 50 years had significantly greater anxiety levels than younger patients.

CONCLUSION:

A health-related quality assessment of daily living in a consecutive series of sarcoma patients in an outpatient setting is possible in real-time. The level of satisfaction of this cohort of sarcoma patients is satisfactory overall. According to EQ-5D, patients who received chemotherapy may impact significantly worse compared to surgery. More detailed analysis is warranted.