

The Aneurysm Treatment Satisfaction Questionnaire (AneurysmTSQ) Summary

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Background

The Aneurysm Treatment Satisfaction Questionnaire (AneurysmTSQ) is a self-completion measure designed specifically to measure satisfaction with treatment for patients who have been diagnosed with an abdominal aortic aneurysm (AAA). The AneurysmTSQ was developed in 2013 (Peach, Romaine, Thompson, Hinchliffe & Bradley, 2014; Peach, Wilson, Plowright, Romaine, Thompson, Hinchliffe, & Bradley, 2016) and validated in 2014 (Romaine, Peach, Thompson, Hinchliffe, & Bradley, 2015) and is based on the Diabetes Treatment Satisfaction Questionnaire (DTSQ) (Bradley and Lewis, 1990; Bradley 1994), used extensively with people with Type 1 and Type 2 diabetes (e.g. Bradley and Speight, 2002; DAFNE Study Group, 2002; Witthaus et al., 2001, Ashwell et al., 2008; Bretzel et al., 2008, Reaney et al., 2015). The specific aspects of treatment to be included in the AneurysmTSQ were determined during focus group discussions and in-depth interviews with individual patients as described by Peach et al. (2016) followed by psychometric development as described by Romaine et al. (2015).

The AneurysmTSQ has a total of 12 items. The first seven items focus on monitoring/pre-intervention aspects of treatment and are therefore suitable for pre and post-intervention patients. Items 8-11 focus on post-intervention treatment and therefore are only suitable for patients following aneurysm repair. See Figure 1 below for an item example. Several items have additional questions (4, 4a, 8b, and 10b). These are for added information and are not included in any scales. Finally, the questionnaire also includes a free-text item (Item 12). This allows patients to comment on any other aspect of their aneurysm treatment causing either satisfaction or dissatisfaction not covered in the questionnaire.

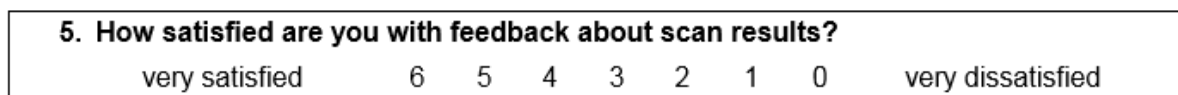


Figure 1: AneurysmTSQ Item example

The AneurysmTSQ is designed for use with adults and includes patients who are being monitored prior to aneurysm repair as well as those who have undergone aneurysm repair. The questionnaire may be administered by mail or in clinic for a range of purposes including:

- i. an assessment tool with individuals;
- ii. an assessment tool with groups of patients;
- iii. a broad cross-sectional survey instrument;
- iv. a routine part of clinical audit cycles;
- v. an outcome measure for clinical research trials evaluating new treatments.

The Aneurysm-TSQ items are each scored on a scale of 6 (e.g. 'very satisfied') to 0 ('very dissatisfied'). Item scores can be used individually or they can be summed to give a maximum of 42 for the monitoring/pre-intervention subscale (which can be completed by all patients) and a maximum of 66 for a total treatment satisfaction score (Items x 11) for use with post-intervention patients only.

Conditions of use of the AneurysmTSQ

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