

This is a **Sample** version of the  
**Aberdeen Varicose Veins  
Questionnaire (AVVQ)**

The **full version** of Aberdeen Varicose Veins Questionnaire (AVVQ) comes without 'sample' watermark.

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- Overview information
- AVVQ Scoring/ Administration instructions
- AVVQ Complete Questionnaire/ Assessment (13 sets of question criteria)
- AVVQ Clinical Validity

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# Measurement of Health-related Quality of Life with the Dutch Translated Aberdeen Varicose Vein Questionnaire before and after Treatment

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Submitted 1 July 2008; accepted 16 November 2008

Available online 30 December 2008

## KEYWORDS

Aberdeen Varicose Vein Questionnaire (AVVQ);  
Before and after treatment;  
Health-related;  
Quality of life;  
SF-36;  
Treatment;  
Varicose;  
Venous disease

**Abstract** *Objective:* This clinical trial evaluated the use of the Dutch translated Aberdeen Varicose Vein Questionnaire (AVVQ) and SF-36 before and after treatment in patients with clinical-severity classes 1–6 venous disease of the lower limb.

*Methods:* A total of 145 patients with symptomatic venous disease of the leg were included. Numbers of patients were evenly distributed among the six clinical-severity classes 1–6 (clinical, aetiology, anatomy and pathophysiology; CEAP). Patients completed two preoperative AVVQ questionnaires and one short-form health survey with 36 items (SF-36) questionnaire to evaluate test–re-test reliability of the AVVQ. Patients completed one postoperative AVVQ and SF-36 to evaluate the effect of treatment.

*Results:* The test (99%) and re-test responses (97%) of the AVVQ were sufficient. Internal consistency of the Dutch translated AVVQ showed a Cronbach's  $\alpha$  of 0.76. Correlation of test and re-test of the AVVQ was high ( $\rho = 0.86$ ,  $P < 0.001$ ). A significant negative association, by Spearman's correlation coefficient, was found between the preoperative baseline Dutch translated AVVQ score and all eight domains of the preoperative SF-36 ( $P < 0.001$ ). These significant associations were also found in the postoperative scores.

The mean preoperative AVVQ score of 19.5 (SD 11.8) and mean postoperative AVVQ score of 16.1 (SD 12.0) differed significantly ( $P < 0.01$ ). Analysis of three subgroups of clinical-severity classes (C1–2, C3–4 and C5–6) showed significant score changes before and after surgery ( $P < 0.01$ ). Preoperative and postoperative SF-36 scores were not significantly different.

*Conclusions:* This study established the use of the Dutch translated AVVQ as a valid, health-related quality of life (QOL) questionnaire for measuring QOL before and after treatment in patients with clinical-severity classes 1–6 venous disease of the leg.

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**This is the end of the SAMPLE AVVQ clinical validity. Please go to page 1 to purchase complete version.**

## Scoring the Aberdeen Varicose Veins Questionnaire

The scores presented represent the average values assigned to each question by two consultant surgeons. They were asked to begin by taking the question that they considered the least important (in terms of how badly off the patient is, rather than diagnostic information per se) and assigning it a score of 2. All the other questions were then assigned a maximum score in relation to this, by using.

Having assigned a maximum score to each question, the individual stems within each question were scored. The score for each stem can range from zero and the maximum score assigned to that question. The magnitude of importance of each stem could be along the lines of powers of two and again, numbers other than whole numbers could be used.

For question 1, a grid is placed over the drawing of the legs and the number of squares covered by varicose veins is.

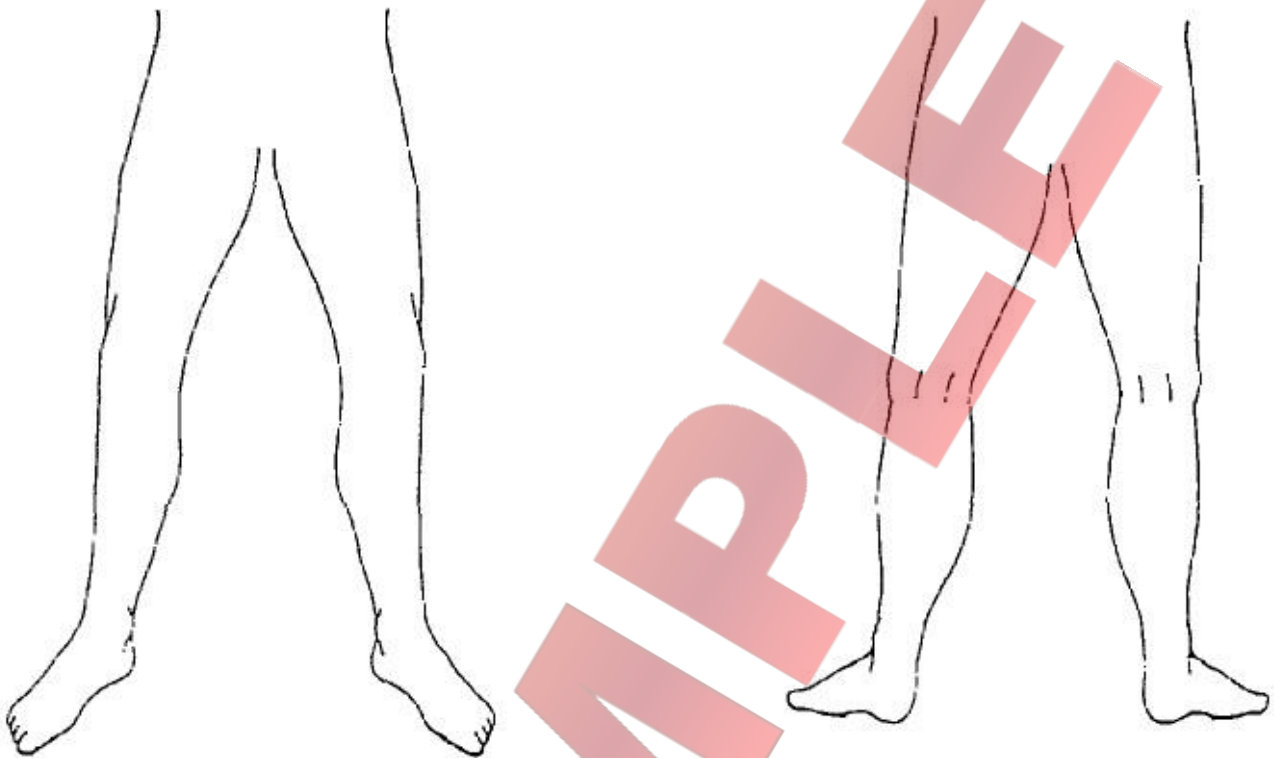
**This is the end of the SAMPLE AVVQ scoring instructions. Please go to page 1 to purchase complete version.**

YOUR NAME -

1. Draw Your varicose veins on the following images:

Front Page

Back



2. How many days in the past 2 weeks have you had pain or aching of Your varicose veins?

(Mark one time for each leg)

	L Leg	R Leg
No	<input type="checkbox"/>	<input type="checkbox"/>
Between 1 and 5 days	<input type="checkbox"/>	<input type="checkbox"/>
Between 6 and 10 days	<input type="checkbox"/>	<input type="checkbox"/>
Several beyond 10 days	<input type="checkbox"/>	<input type="checkbox"/>

3. How many days in the past 2 weeks have you taken painkillers medicines for your varicose veins?

(Mark again)	No
No	<input type="checkbox"/>
Between 1 and 5 days	<input type="checkbox"/>
Between 6 and 10 days	<input type="checkbox"/>
Several beyond 10 days	<input type="checkbox"/>

**This is the end of the SAMPLE AVVQ questionnaire. Please go to page 1 to purchase complete version.**