

## Patient Reported Outcome Measure for Vascular Malformation ("PROVAM") Questionnaire

C16497

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### Product Description

PROVAM was developed to assess symptoms, functional limitations, and social/emotional effects experienced by patients with low-flow vascular malformations (VMs). The 30-item instrument assesses the domains of pain, emotional/social well-being, functional impact, and treatment satisfaction. Two additional items assess ease of understanding and relevance. PROVAM is responsive to improvement after treatment and may be useful to assess health-related quality of life in patients treated for VMs.

### References

### Technology ID

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### Category

Medical Instruments and  
Questionnaires

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1. England RW, Motaghi M, Kohler B, Hemmingson TE, Wu AW, Weiss CR(2021 May) ,  
<https://pubmed.ncbi.nlm.nih.gov/33678569/>, Journal of Vascular Interventional Radiology, 32(5), 683-690
2. Ring NY, England RW, Motaghi M, Garg T, Gong AJ, Gullotti DM, Khalil A, Bailey CR, Grossberg AL, Wu AW, Weiss CR(2023 May) ,  
<https://pubmed.ncbi.nlm.nih.gov/36758741/>, Journal of Vascular Interventional Radiology, 34(5), 840-848