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VEIN CONSULT Program: the impact of leg problems on quality of life and costs of disease

**Armando MANSILHA
(Portugal)**

Objectives of the Quality of Life and Costs of Disease Analysis

- **To assess the impact of CVD on patients' quality of life (QOL) using CIVIQ-14, according to:**
 - patient characteristics
 - risk factors
 - the presence of symptoms and/or signs of CVD
 - previous treatment, hospitalization and/or lost work days
- **To assess disease-related health costs, according to:**
 - specific treatment at any time (previous surgery, sclerotherapy, venoactive drugs, compression therapy)
 - changes in patients' professional activities
 - hospitalization over the past 5 years
 - number of times and total working days lost over the last 5 years
- ***Only patients considered by GPs as having a CVD completed the CIVIQ-14***

Why Choose CIVIQ-14?

- **CIVIQ has been extensively used (15 international publications¹)**
- **Both CIVIQ-20 and CIVIQ-14 have undergone an international validation^{1,2}**
- **Both CIVIQ-20 and CIVIQ-14 are validated in 13 languages³**

1.Launois R, Mansilha A et al. *Eur J Vasc Endovasc Surg* 2010; 40:783-789.

2.Launois R, Mansilha A et al. *Qual of Life Res.* In press

2.Lozano F. *Veinews of 28th June 2011.*

Dimensions and Score of CIVIQ-14

3 dimensions



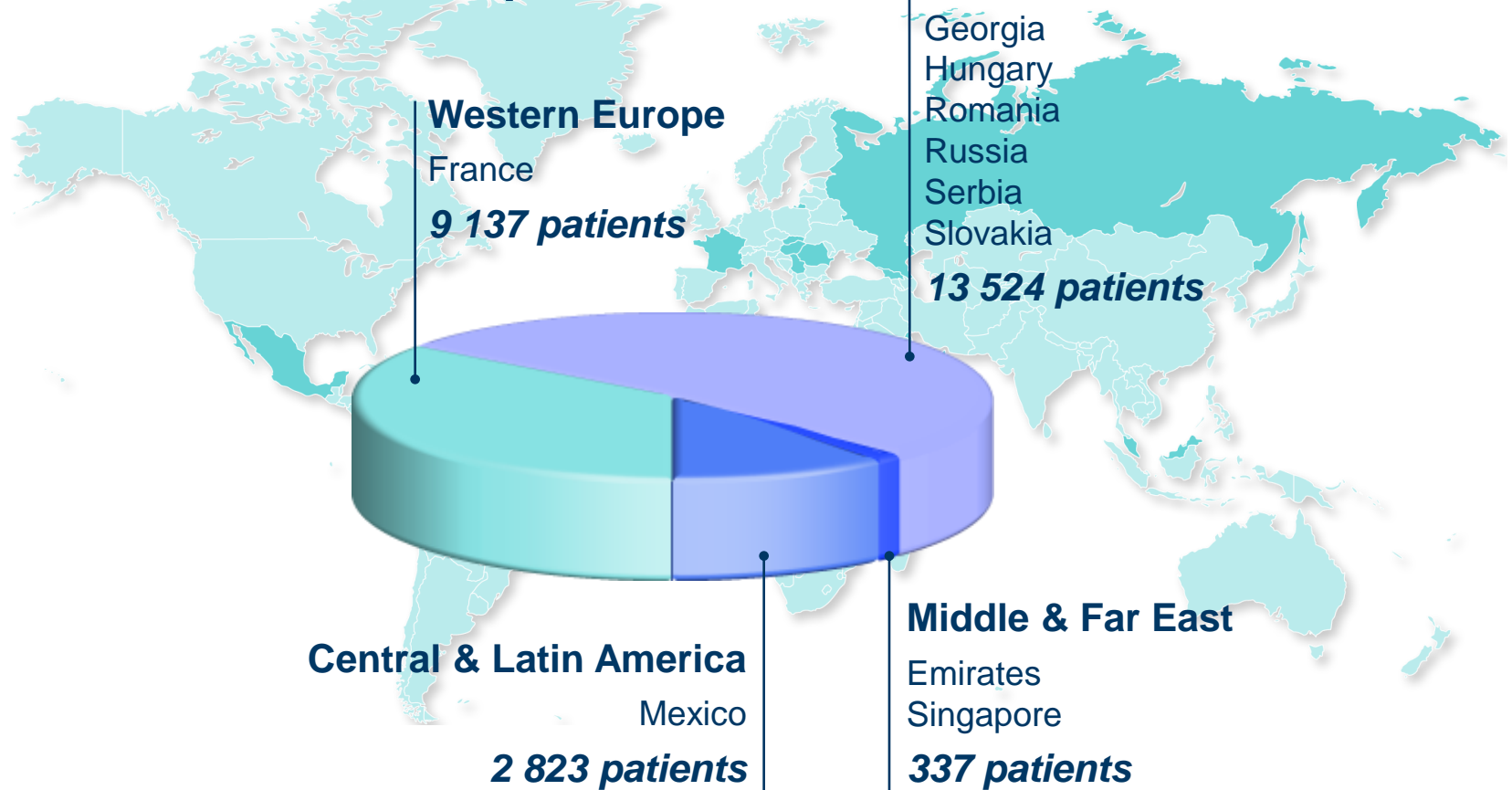
1 global index score (GIS)

14 items

In this analysis, GIS is scored from 0 (worst QOL) to 100 (best QOL)

Countries and Number of Patients in the QOL and Costs of Disease Analysis

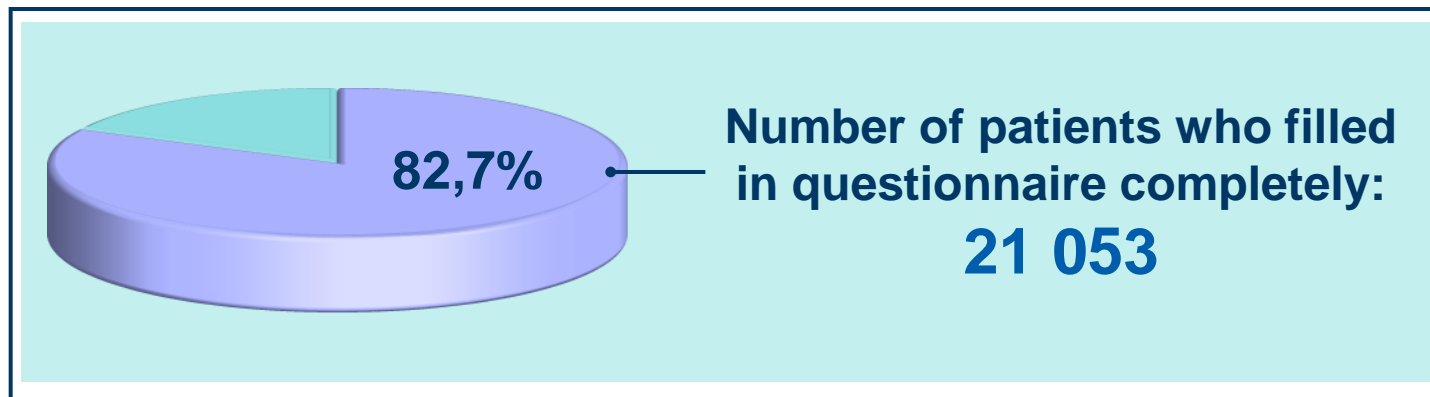
10 countries – 25 821 patients



The Self-Administered Questionnaire CIVIQ-14 is well accepted

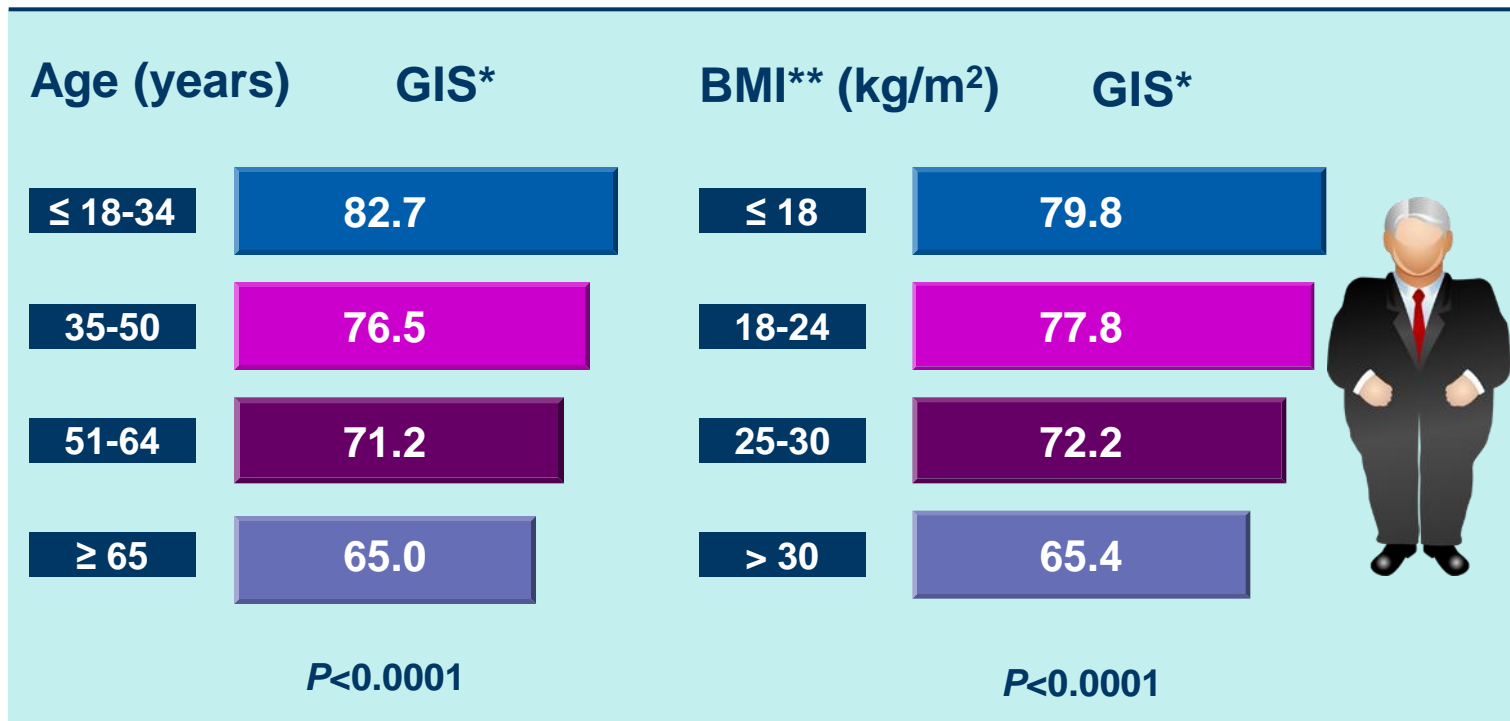
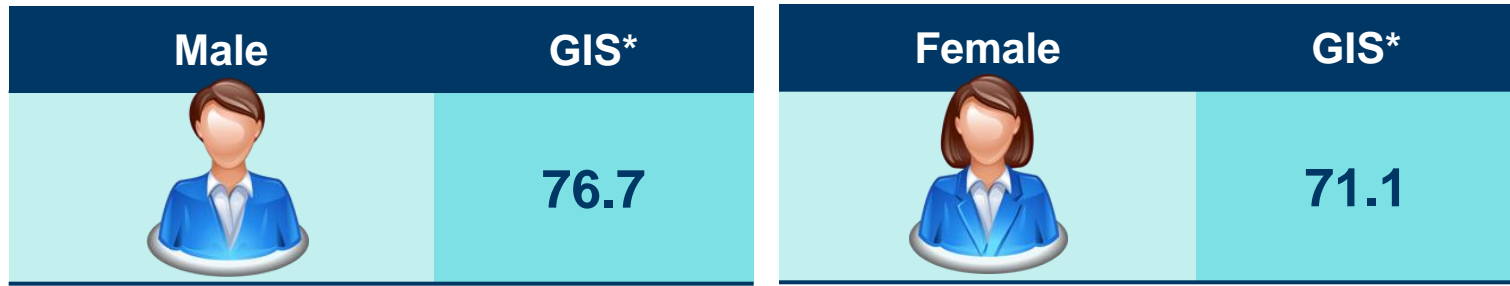
Number of patients eligible to answer
CIVIQ-14 and cost analysis:

25 436 (100%)



Quality of Life and Patient Characteristics

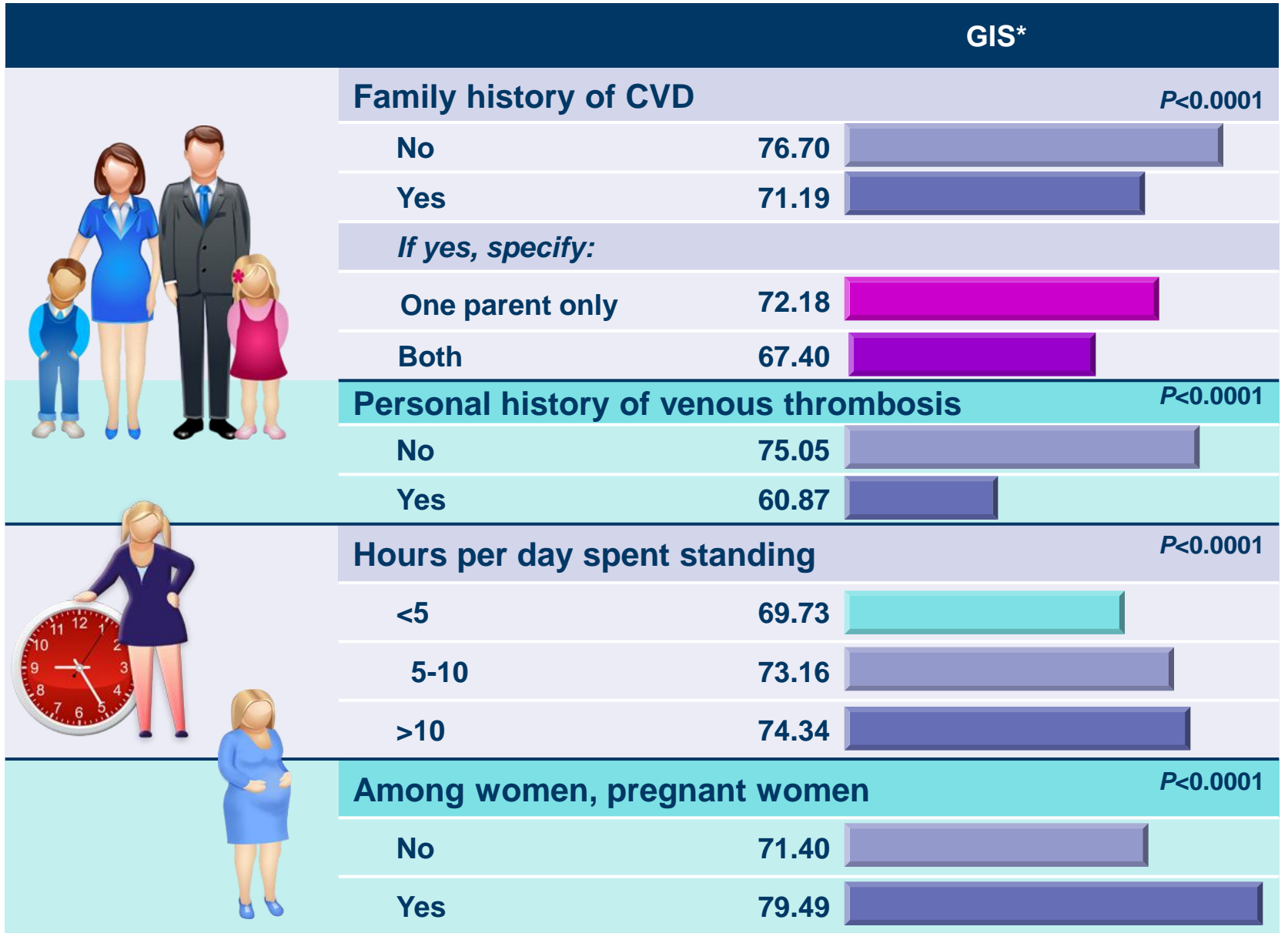
Female gender, age and obesity impair QOL



* GIS - Global Index Score

** BMI - Body Mass Index

Quality of Life and Risk Factors

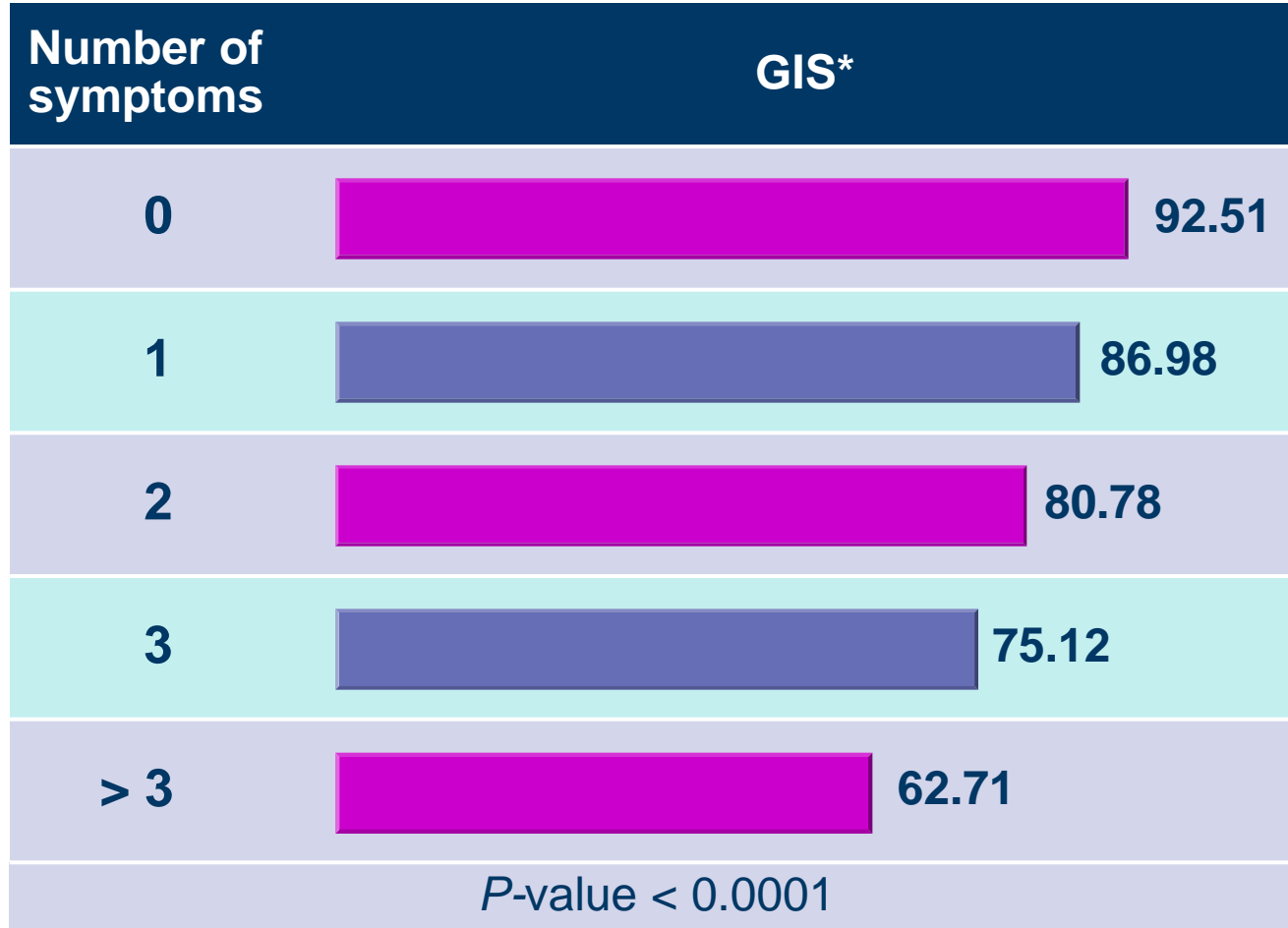


* GIS - Global Index Score

50 55 60 65 70 75 80

Quality of Life and the Presence of Symptoms

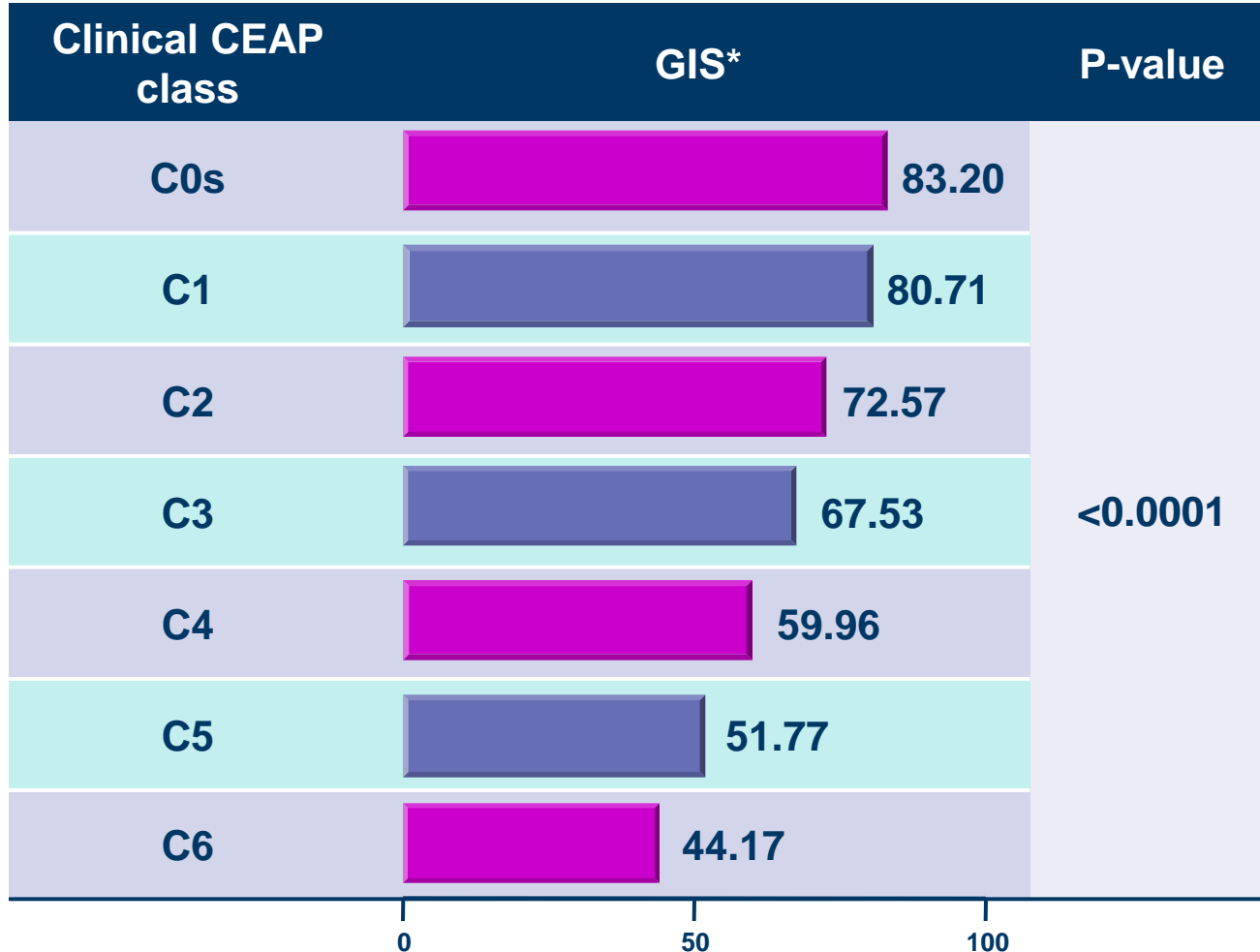
Symptoms impair QOL



* GIS - Global Index Score

Quality of Life According to CEAP Class

QOL decreases with increasing CEAP



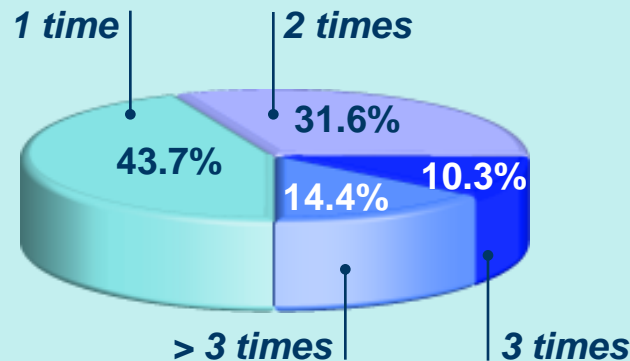
* GIS - Global Index Score

Appraising the Costs of Venous Diseases

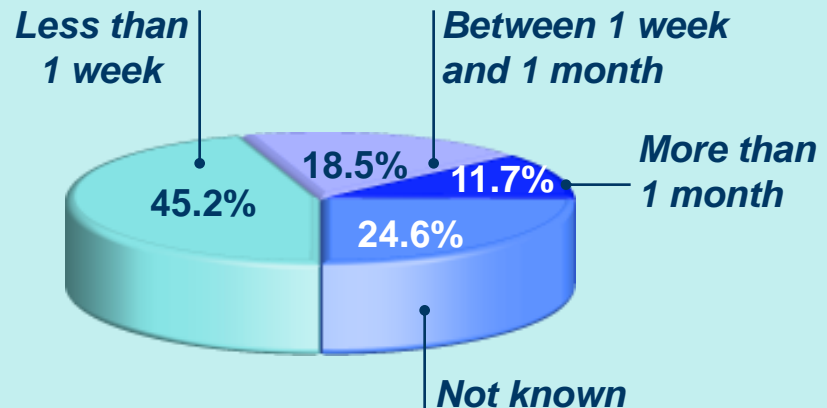
Events over the last 5 years for venous leg problems	Statistics
Surgery or sclerotherapy	12.1%
Changes in professional activities or job	3.7%
Hospitalizations	6.1%

Loss of work days: 15.0%

If yes,
number of times



If yes,
duration of lost work days



Highlights

- **CVD *worsens patients' quality of life***
 - **QOL *decreases from the very first symptoms of CVD and with the cumulative number of CVD symptoms***
 - **QOL impairment is linked to the *severity of CVD***
 - **CVD generates *losses in productivity***
 - ***CIVIQ-14 is a valid instrument able to distinguish between severity of health states in international trials***
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