

CONTROVERSES ET ACTUALITÉS EN CHIRURGIE VASCULAIRE  
CONTROVERSIES & UPDATES IN VASCULAR SURGERY  
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# VENOUS SYMPTOMS the SYM VEIN CONSENSUS

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**No conflict of interest**

# **WHY a CONSENSUS on VENOUS SYMPTOMS was DESIRABLE?**

**Because the term 'venous symptoms' was a challenge for several reasons**

**An analysis of English and French medical literature on the topic proved rather disappointing**

# WHY a CONSENSUS on VENOUS SYMPTOMS was DESIRABLE?

**1<sup>st</sup>** There is frequent confusion between signs and symptoms in the medical literature. French sometimes used the term functional sign for naming a venous symptom

**2<sup>d</sup>** The fact that venous symptoms are non-pathognomonic adds to the difficulty, because linking these symptoms with a venous etiology is sometimes difficult and their cause is still debated

# WHY a CONSENSUS on VENOUS SYMPTOMS was DESIRABLE?

**3d** The severity of the signs and the results of investigations do not always correlate with the intensity of the symptoms

**4 th** The pathophysiology of venous symptoms has not been clearly established, in particular in  $C_{0s}$  patients

Precise physiopathologic knowledge should lead to more targeted and specific treatment

# METHODS (1)

To produce this consensus statement, an international group of 23 members from 14 countries was formed, including vascular specialists (medical and surgical) dermatologists, a neurologist and a healthcare economist



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<b>United Kingdom</b>	<b>K. DARVALL</b>
<b>USA</b>	<b>N. LABROPOULOS, M. VASQUEZ</b>

# **METHODS (2)**

**The first meeting was held in Paris in June 2014 during the XV<sup>th</sup> European Venous Forum meeting**

**The 23 participants were divided into 5 groups, one for each of the objectives described previously**





# METHODS (3)

<b>Group 1</b>	<b>DESCRIPTION and DEFINITION of VENOUS SYMPTOMS</b>
<b>Group 2</b>	<b>ATTRIBUTING LEG SYMPTOMS to VENOUS DISORDERS</b>
<b>Group 3</b>	<b>PATHOPHYSIOLOGY of VENOUS SYMPTOMS</b>
<b>Group 4</b>	<b>VENOUS SYMPTOMS SCORING</b>
<b>Group 5</b>	<b>CLINICAL EXAMINATION and INSTRUMENTAL INVESTIGATIONS</b>

# METHODS (4)

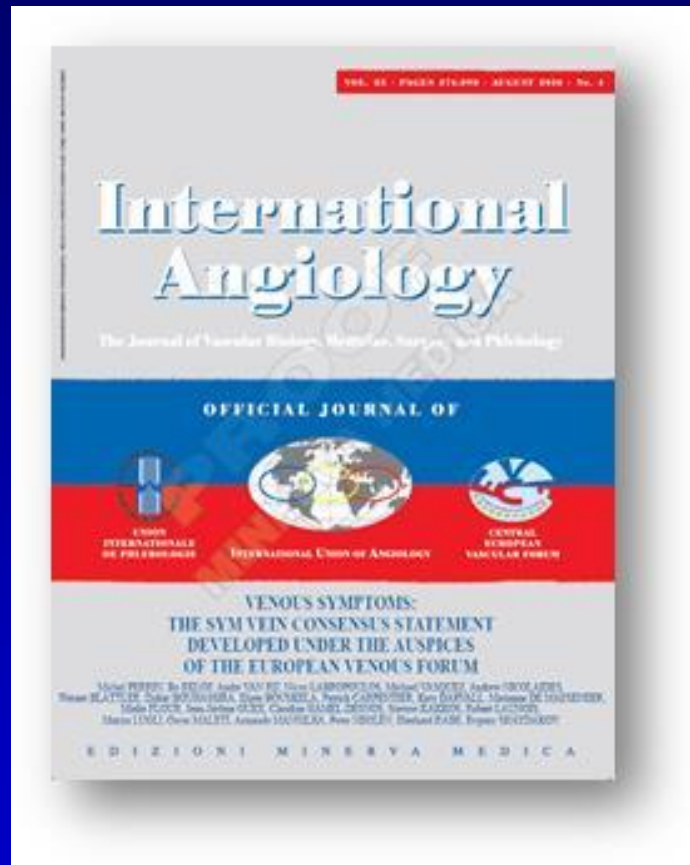
**This second plenary meeting was held in St. Petersburg during the XV<sup>th</sup> EVF meeting in July 2015**

**Each manuscript was read during the plenary meeting and discussed during two 4-hour sessions**



**The corrected documents have been in circulation within each group since a consensus was established**

# RESULTS



Perrin M, Eklöf B, van Rij A, Labropoulos N, Michael Vasquez M, Nicolaidis A et al.  
Venous symptoms : the SYM Vein Consensus statement.  
**International Angiology 2016;35(4):374-98**

# **Symptoms described in SYM Vein article**

**Pain or aching**

**Venous claudication**

**Throbbing**

**Tightness**

**Heaviness**

**Fatigue**

**Feeling of swelling**

**Cramps**

**Itching**

**Restless legs**

**Tingling**

**Heat or burning sensation**

**Secondary symptoms : disquiet, insomnia, ill-being, etc.**

# DISCUSSION

**But SYM Vein consensus has just half opened the door concerning our symptoms knowledge.**

**Many questions remain unanswered**

# DISCUSSION

**- Do various symptoms although different in their clinical expression or manifestation result of the same micro pathophysiological disorder, except some of them including venous claudication**

**Is there a correlation between the severity of symptoms and the severity of microcirculation disorders investigated by dedicated investigations (TcPO<sub>2</sub>, Laser Doppler, etc.)**

# CONCLUSIONS

**SYM VEIN make it possible to:**

- ✓ **establish a consensus statement specifically dedicated to symptoms,**
- ✓ **determine whether the presence of symptoms in the absence of signs is compatible with the diagnosis of primary chronic venous disorders, and/or is predictive of the disease evolution,**



# CONCLUSIONS

- ✓ stimulate the development of new investigations allowing the identification of anomalies in COs patients
- ✓ measure the benefit of treatments in terms of symptoms



**“We can’t find anything wrong with you, so we’re going to treat you for Symptom Deficit Disorder.”**

**The Sym Vein group would like to thank  
Laboratoires **SERVIER** for their support**