



## Vascular Surgery 2019 が

3 月 28 日(木)～29 日(金)に

イタリア ローマにて開催されます。

当院からは

血管外科センター長 今井崇裕 先生が

学術発表されますので、ご紹介致します。





**VS2019**

**Advancements & key-innovations in  
the treatment of Venous diseases**



**Rome, Italy | March 28-29, 2019**

In association with  
**Journal of Vascular and Endovascular Therapy**  
**Cardiovascular Investigations: Open Access**  
<https://vascularsurgery.euroscicon.com>



Date: December 17, 2018

## Invitation Letter

To  
Dr. Takahiro Imai,  
Nishinokyo Hospital,  
Nara, JAPAN

It is with great pleasure that we invite you to participate at the "4<sup>th</sup> Edition of World Congress & Exhibition on Vascular Surgery" scheduled to be held in Rome, Italy on March 28-29, 2019.

Vascular Surgery 2019 Conference will be held at Rome, Italy to explore recent business and academic ideas by Presentations and Networking with all the participants.

The overall theme of the Conference is ***"Advancements & key-innovations in the treatment of Venous diseases"***.

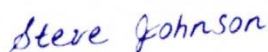
The Conference is comprised of keynote, speaker and poster sessions on latest cutting-edge research designed to offer comprehensive global discussions that address current issues in vascular diseases and treatments.

We are very pleased to inform you that your abstract entitled *"NARA Socks Project aiming at a spread of compression therapy and a revival of local industry"* has been accepted for Oral presentation to be presented at the conference. We welcome you to join as a Speaker and share your knowledge on your research by gathering with esteemed business and academic participants.

We look forward to your presence in Rome, Italy.

For more details about Vascular Surgery 2019, PS <http://vascularsurgery.euroscicon.com/>

Sincerely,  
Mr. Steve Johnson



Program Manager  
Vascular Surgery 2019  
EuroSciCon Ltd  
40 Bloomsbury Way  
Lower Ground Floor  
London, United Kingdom  
WC1A 2SE.  
Tel: (+44) 020 3807 3712  
E-mail: [vascularsurgery@eurosciconmeetings.com](mailto:vascularsurgery@eurosciconmeetings.com)

## Abstract Template

**Abstract Title: NARA Socks Project aiming at a spread of compression therapy and a revival of local industry**

T. Imai

<sup>1</sup> *Department of Vascular Surgery, Nishinokyo Hospital, Nara, Japan*

### Abstract

**BACKGROUND:** In Japan " *Monozukuri* " stands for the manufacturing industry and its spirituality and culture. It is not only making things but also Japanese traditional technique in pursuit of advanced production by the craftsmen. Koryo-cho with a population of 30 thousand called "Town of Socks" is the largest producer of socks traditionally here in Japan (Fig.1). These manufacturers are highly reputed for their technical skills and capabilities, and supply products to such overseas luxury brands. However, due to the large quantity of imported products to Japan, the production volume has dropped greatly from the peak period. And Japan is a country with many disasters because of island. It is necessary to enlighten to prevention of thrombosis at the time of disaster to the people. I asked medical institutions, stocking manufacturers, and university students in local for cooperation (Fig.2,3). As a result, one elastic stocking was completed (Fig.4). The purpose of the activity is enlightenment of prevention of thrombosis and reconstruction of local industry. **METHODS:** The research period is from January 2017 to March. There are 30 objects (M14/F16,  $34.5 \pm 9.3$ ). We investigated changes in the circumference of the leg below the knee and improvements in the blood circulation of the legs before and after using the compression stockings with sonogram and investigated a compression pressure while wearing the stockings (Fig.5). **RESULTS:** The results revealed that the circumference of the leg below the knee showed a decreasing tendency after wearing the compression stockings. The peak velocity of the popliteal vein tended to increase 20 min after wearing the compression stockings (Table 1). **CONCLUSION:** The compression stockings seemed to be effective for promoting venous return and preventing deep vein thrombosis of the lower limbs in healthy people. I am hoping to reduce the suffering caused by human thrombosis and revive the local industry.

**Keywords—** *compression stocking, deep vein thrombosis, Monozukuri, socks industry*

### Professional Biography

Takahiro Imai, MD is a graduate of Saitama Medical School in 1999. Dr. Imai trained at the Hokkaido University Graduate School of Medicine in Sapporo, Sapporo at the Department of Cardiovascular Surgery during his residency. Japan is a nation of many islands prone to a lot of natural disasters. The Great East Japan Earthquake struck in 2011. The 9.0 magnitude earthquakes caused a huge tsunami and the death is reported to be over 16,000. Each time a disaster occurs, the importance of wearing compression stockings is taken up. Those events triggered and now he is directing the 'NARA Socks Project' aimed at enlightening the prevention of thrombosis to Japanese citizens and restoring the local industry.