



第2回

国際静脈フォーラムが

10月30日(金)～11月4日(水)、

中国・上海にて WEB 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

ライブ配信にて学術発表を

されますのでご紹介します。



2020

中国·上海

10月30日-11月4日

国际静脉曲张论坛 第二届

国家级继续医学教育项目

International Venous Forum

Chinese Continuing Medical Education

October 30th - November 4th

SHANGHAI CHINA

主办单位 Organizer

中国老年保健协会静脉曲张专委会
Phlebology Specialty Committee of
Chinese Aging Well Association

张强医生集团
Dr. Smile Medical Group

NARA SOCKS PROJECT AIMED AT DISSEMINATION OF COMPRESSION THERAPY AND REVIVAL OF LOCAL INDUSTRY

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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. 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. The Great East Japan Earthquake struck in 2011. The 9.0 magnitude earthquakes caused a huge Tsunami and the death was reported to be over 16,000. It is necessary to enlighten to prevention of thrombosis at the time of disaster to the people. The incidence of thrombosis at the time of a disaster is reported to be about 8 %. I asked medical institutions, stocking manufacturers, and university students in local for cooperation. As a result, one elastic stocking was completed. 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 January 2019. There are 30 objects (M34/F46, 34.5±9.3 years old). 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. **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. **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.

[Invited Speaker]

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. During his residency, he was able to provide the management of venous disease and consultation that resulted in an overall improvement of the department's patient satisfaction quotient. Currently, Dr. Imai belongs to Department of Vascular Surgery, Nishinokyo Hospital at Nara in Japan. He is providing latest surgical treatment of varicose vein as a vein specialist.



Comparative study of elastic bandage and elastic stocking in compression therapy for venous ulcer

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Abstract

BACKGROUND: Compression therapy is essential for patients with chronic venous insufficiency with venous ulcer, treatment is often difficult. We examined the difference between Bandages group and Stockings group in terms of healing of venous ulcers. **METHOD:** Period is between February 2019 and July 2020. After operation for varicose veins, patients using bandages and stockings for venous ulcers were picked up 5 cases respectively. Patients with diabetes were excluded in this study because there is possibility that these diseases make infection worse and lead to a bad condition. Patients with severe perforators in the lower leg were excluded. The ulcer size was 10 cm² or more. We compared the bandaged group with the stocking group during the postoperative ulcer recovery period. **RESULT:** There was no difference between Bandages group and Stockings group in terms of Healing period, Ulcer size and depth, and Date of operation. Wearing lightweight graduated elastic stockings as it is, the compression pressure of the ankle is around 22 mmHg. In addition, we put a urethane pad on the inside of the ankle and measured with Pico-press, the compression pressure increased by about 10 mmHg. From here, gauzes with ointment are applied to the wound, and the compression pressure increases by 10mmHg again. Finally, even with light stockings, the compression pressure of the ankle become more than 40mmHg. This pressure was the appropriate pressure used for chronic venous insufficiency. **CONCLUSION:** We could not adjust the "influencing factors" and different patient backgrounds this time. This is why accurate examination requires patient background matching between the two comparison groups, but in fact, it is difficult to control multiple factors in ulcer patients. Patients with venous ulcers need to continue high pressure compression therapy for a long period of time. Compression therapy using elastic stockings leads to good self-management for patients with venous ulcers.

[Invited Speaker]

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