

Nafuta

Custom-made
Device

CMD Thoracic Stent Graft System



*Same simplicity,
More applications*



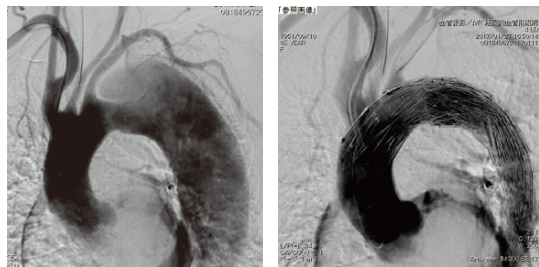
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Najuta CMD Thoracic Stent Graft System

1. Applications

- Aortic aneurysm, Aortic dissection, PAU etc.
- Larger ascending aorta diameter
- Shorter neck length

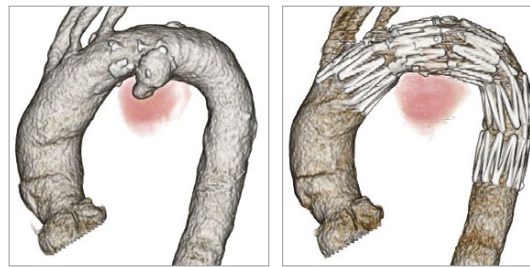
Deployment images for Dissection treatment *1



Preoperative

Postoperative

Deployment images for Aneurysm treatment *2



Preoperative

Postoperative

2. Features

Custom Made Najuta offers an ideal solution for each patient

- Fenestration's self alignment
 - Pre-oriented fenestrations inside delivery sheath. (Fig.1)
 - Pre-curved delivery sheath will automatically adapt to the arch shape. (Fig.1)
 - Simulation test will assure accurate orientation and vessel patency. (Fig.2)
- Zone 0 Landing*³
 - Longer proximal landing zone for device stability
 - Larger proximal sealing
 - Reducing debranching & avoiding chimney

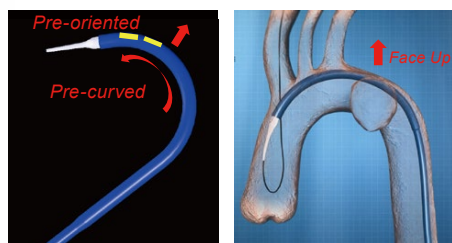


Fig. 1

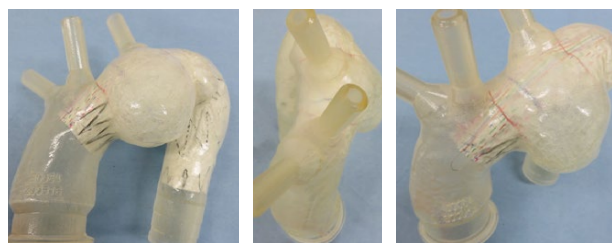


Fig. 2

3. Clinical Experience

Since 2021, Najuta CMD Thoracic Stent Graft System was chosen at over 100 cases*⁴ in European markets.

This device has been well received for the treatment of aortic disease.

* The product customization has technical limitation and the specification is subject to be decided according to its treatment effectiveness and risk.

*1 Naeki Toya, Takao Ohki, Soichiro Fukushima, Kota Shukuzawa, Eisaku Ito, Yuri Murakami, Tadashi Akiba / Case Series of Aortic Arch Aneurysm in Patients with Bovine Arch Treated with Proximal Scalloped and Fenestrated StentGraft / Cardiovasc Intervent Radiol, 2018, 41:1649-1653

*2 Satoshi Kawaguchi, MD, PhD,1 Hideyuki Shimizu, MD, Akihiro Yoshitake, MD, Taro Shimazaki, MD, Toru Iwahashi, MD, Hitoshi Ogino, MD, Shin Ishimaru, MD, Hiroshi Shigematsu, MD, and Ryohei Yozu, MD Endovascular Stent Graft Repair for Thoracic Aortic Aneurysms: The History and the Present in Japan / Ann Vase Dis 2013, Vol. 6, No. 2:P129- 136


*3 Yoshihiko Kurimoto, MD, PhD, Ryushi Maruyama, MD, PhD, Kousuke Ujihira, MD, Narifomo Nishioka, MD, Kousei Hasegawa, MD, Yutaka Iba, MD, Eiichiro Hatta, MD, PhD, Akira Yamada, MD, PhD, and Katsuhiko Nakanishi, MD, PhD/ Thoracic Endovascular Aortic Repair for Challenging Aortic Arch Diseases Using Fenestrated Stent Grafts From Zone 0 / Ann Thorac Surg, 2015, 100:24-33


*4 the number is as of December 2024

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We, KAWASUMI LABORATORIES, INC. and SUMITOMO BAKELITE CO., LTD., integrated our medical device business as of 1st October 2021, and start "SB-KAWASUMI LABORATORIES, INC." as the brand new company.

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