Fenestration technique of iliac artery covered stent: purpose and clinical significance

Huagang Zhu, Binshan Zha, Zhigong Zhang.
First affiliated hospital of Anhui Medical University, P.R. China
E-mail to: huagzhu@yeah.net
Disclosure

Speaker name:

Huagang Zhu, MD, Director of Vascular Surgery

I have the following potential conflicts of interest to report:

- Consulting: No
- Employment in industry: No
- Stockholder of a healthcare company: No
- Owner of a healthcare company: No
- Other(s): No

I do not have any above potential conflict of interest to report.
Pre-operation CTA
Why we want to preserve the internal iliac artery?

• Purpose of fenestrated covered stent for the iliac artery aneurysm:
  – Every vascular surgeon is pursuing a perfect surgery.
  – Preserving the function of the internal iliac artery in order to avoid the pelvic ischemia, especially ED occurrence in the male patients
    • Among the embolization of unilateral internal iliac artery, the ejection dysfunction occurs nearly up to one-third in the male patients.

Reference
• AC. Lobato, et al. The sandwich technique to treat complex aortoiliac or isolated iliac aneurysms: Results of midterm follow-up. J Vasc Surg 2013;57:26S-34S.
Why we choose fenestration technique?

• Fenestration technique of the covered stent is an economic, safe endovascular repair method for the treatment of the iliac artery aneurysm (or dissectional aneurysm).

• Moreover, due to the lower risk and higher technique skills of the iliac covered stent fenestration, it is a good chance or basis for training vascular surgeons to master the fenestration technique and treat the aortic aneurysms with some important visceral arteries involved.
THANK YOU FOR YOUR ATTENTION
AND
ALSO THANKS TO LINK 2015
Fenestration technique of iliac artery covered stent: purpose and clinical significance

Huagang Zhu, Binshan Zha, Zhigong Zhang.
First affiliated hospital of Anhui Medical University, P.R. China

E-mail to: huagzhu@yeah.net