

# Stent-graft

**Stentgraft** is an endovascular prosthesis, a combination of a stent and a synthetic vascular prosthesis that is inserted via the endoluminal route, unlike conventional vascular prosthesis whose implantation is surgical.

## Form

- **Grafted-stent** – the whole reinforcement consists of a stent, which is coated with artificial material;
- **Stented-graft** – the stent reinforces only the ends of the endovascular prosthesis.

## Indication

- aneurysms;
- pseudoaneurysms
- dissecting aneurysms;
- arterial and venous ruptures;
- AV fistula.

## References

### Related articles

- Acute arterial occlusions

### Source

- BENEŠ, Jiří. *Studijní materiály* [online]. ©2007. [cit. 14.5.2010]. <<http://jirben2.chytrak.cz/materialy/chira/cevni.doc>>

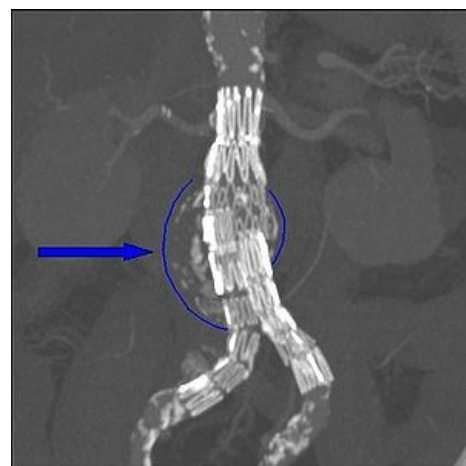
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### Literature

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- ZEMAN, Miroslav, et al. *Speciální chirurgie*. 2. vydání. Praha : Galén, 2006. 575 s. ISBN 80-7262-260-9.



Grafted-stent (8 mm; used for lesions aa. iliaca)



CT image of abdominal aorta: abdominal aorta (from aneurysm indication) reinforced by endoprosthesis