The New Cordis INCRAFT AAA Stentgraft System

First experiences in Munich

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Disclosure: Presentation and travel grant by Cordis

Various good + durable stent-graft devices for AAA repair

different stent-graft specific advantages/disadvantages

key of success – select right stent graft – for right patient
The Question

Do we really need another new road to Rome?

Yes! perfect aortic stent-graft has not yet been invented!

Cordis Incraft Stent-Graft
The perfect aortic stent graft

Holy Grail of Vascular Surgery
An another attempt to find the holy grail.....??!

The relatively new Cordis INCRAFT AAA Device
What’s inventive in this new device?

ULTRA-LOW PROFILE DESIGN

– Delivery System (Body 14 – (16 Fr.) limbs 12 – 13 Fr O.D.)

– ideal for percutaneous access and stenosed external iliacs

IN-SITU CUSTOMIZATION

– long overlap zones for in situ length adjustment

– Few units = lower costs to fit broad anatomical coverage

ACTIVE LIMB-GRAFT FIXATION

– Interlock System

– EL III prevention ?!
What’s inventive in this device?

EASY HANDLING

2-Step Mainbody and limb deployment

1° Body limb release clockwise rotation of gold-rear handle + fixation white front-handle

2° disconnection of graft from delivery system + release stent struts by “pull out wire”

No further maneuvers needed

for complete system retrieval !!!!

No Cap-removal
# Munich practical INCRAFT experience

**6 pts in 8 weeks**

<table>
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<th>Pat.</th>
<th>sex</th>
<th>age</th>
<th>Dmax</th>
<th>Morphology</th>
<th>Weight</th>
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</table>
Munich practical INCRAFT experience

Symptomatic Patient 4: conic neck + thrombus + narrow bifurcation (16mm)
Munich practical INCRAFT experience

Patient 6  large AAA with an angulated 1cm neck
Munich practical INCRAFT experience

<table>
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<th>Pat.</th>
<th>Visibility</th>
<th>Orientation marker (top and overlap)</th>
<th>subrenal positioning</th>
<th>canulation c.i.i. (11mm)</th>
<th>Deployment/ crown release/ retrieval</th>
<th>Conformability + flexibility</th>
<th>Sealing</th>
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<td>easy but needs practice</td>
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Summary INCRAFT-aortic-stent-graft performance

- **Visibility**: Stent struts graft body + limbs: low
- **Orientation marker (top and overlap)**: good to excellent
- **subrenal positioning**: easy but needs practice
- **canulation c.i.i. (11mm)**: not always easy
- **Deployment/ crown release/ retrieval**: safe, quick, easy
- **Conformability + flexibility**: good to excellent
- **Sealing**: 1 Type I EL sealed with stapler
The perfect aortic stent graft

- percutaneous and stenosed iliac access
- good sealing landing zones
- kinking and EL III ↓
- modularity and length adaption
- fluoroscopic visibility
- exact positioning
- fast and easy deployment
- short learning curve
- safe + simple use

Good clinical short and mid term results in small studies!!!
Thank you for attention

Christian Reeps