

**4. Frankfurter  
Interdisziplinäres Symposium  
zur Behandlung von arteriellen  
Erkrankungen (FISBA)**

**Treatment strategies in  
abdominal aortic aneurysms**

**Live Cases**

**Samstag, 03. März 2007**

9.00 – 17:30 Uhr

Uniklinik Frankfurt/Main

Hörsaal 22-1

Theodor-Stern-Kai 7

**Frankfurt am Main**



**General Information**

CASE ID

Patient

Team

Date of intervention

**FFM 01**

**R.K.**, male, 63 years old

Balzer, Lehnert, Kasparzak, Schmitz-Rixen, Adili

03.03.2007, **9:45 – 10:15**, Cath lab

**CT findings**

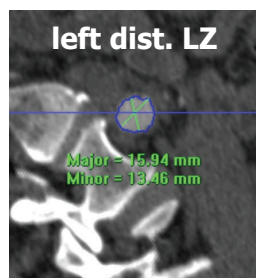
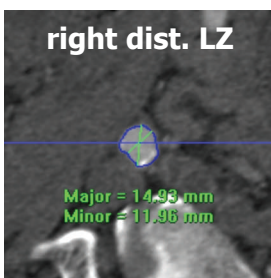
5mm increase in size of the infrarenal AAA within the last year. No severe calcification or thrombus present. Patent L3 arteries.

Lengths:

Aortic neck (L1): 45mm  
 AAA length (L2): 145mm  
 Length L3: 145mm  
 Length L4 right: 202mm  
 Length L4 left: 197mm

Diameters:

Proximal LZ: 24 mm  
 Aortic neck: 27 mm  
 AAA diameter: 53 mm  
 Aortic Bifurcation: 24 mm  
 Distal LZ right: 16 mm  
 Distal LZ left: 16 mm  
 EIA diameter right: 11 mm  
 EIA diameter left: 9 mm



**Concomitant diseases / CVRF**

- HIV infection, stable disease
- Mild hypertension
- Hyperlipoproteinemia
- Current smoker

**Strategy**

- Cut down in both groins
- Main body introduction via right femoral artery
- Guide wires / Catheters:
  - Terumo Glide guidewire 0.035", 260cm
  - Cook Lunderquist guidewire 0.035", 260cm
  - Boston 5F Pigtail catheter
  - Anaconda guiding catheter
- Stentgraft: Vascutek Anaconda
  - Size: Main body: 28/11.5 mm
  - Limbs: 16/140 mm
  - Extensions: 17/60 mm

**General Information**

CASE ID

Patient

Team

Date of intervention

**FFM 02**

**E. K.-F.**, female, 76 years old

Thalhammer, Zangos, Tenholt, Schmandra

03.03.2007, **12:30 – 13:00**, OR 4

**CT findings**

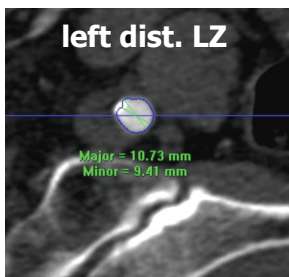
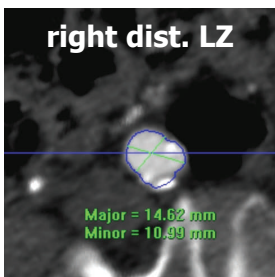
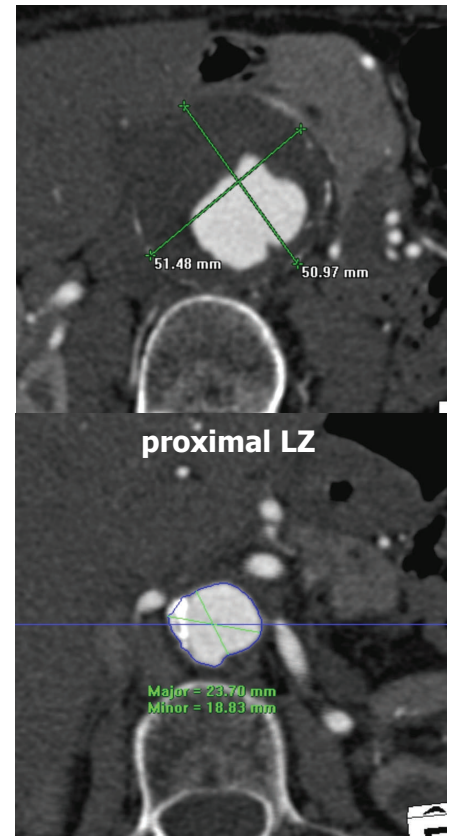
Moderate calcification at the LZs, thrombus in the AAA. Large patent L5 arteries.

Lengths:

Aortic neck (L1): 27mm  
 AAA length (L2): 71mm  
 Length L3: 98mm  
 Length L4 right: 149mm  
 Length L4 left: 168mm

Diameters:

Proximal LZ: 24mm  
 Aortic neck: 28mm  
 AAA diameter: 53mm  
 Aortic Bifurcation: 19mm  
 Distal LZ right: 14mm  
 Distal LZ left: 11mm  
 EIA diameter right: 9mm  
 EIA diameter left: 8mm



**Strategy**

- Coil embolization of L5 arteries
- Cut down in both groins
- Main body introduction via right femoral artery
- Guide wires / Catheters:
  - Terumo Glide guidewire 0.035", 260cm
  - Cook Lunderquist guidewire 0.035", 260cm
  - Boston 5F Pigtail Catheter
- Cordis 5F Multipurpose catheter
- Stentgraft: Talent
  - Size: Main body: 28-16-140 mm  
 Contralat. Limb: 14-12-90 mm  
 Extensions: 16-12-80 / 12-12-80 mm

**Concomitant diseases / CVRF**

- Mild hypertension
- Current smoker
- Hyperlipoproteinemia

**General Information**

CASE ID

Patient

Team

Date of intervention

**FFM 03**

**K.-H. B.**, male, 83 years old

Balzer, Lehnert, Schmitz-Rixen, Tenholt

03.03.2007, **16:30 – 17:00**, Cath lab

**CT findings**

10mm increase in size of the infrarenal AAA within the last year. Moderate calcification @ distal LZs.

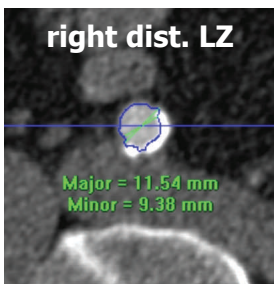
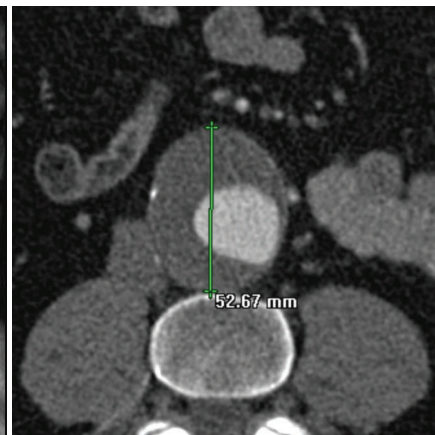
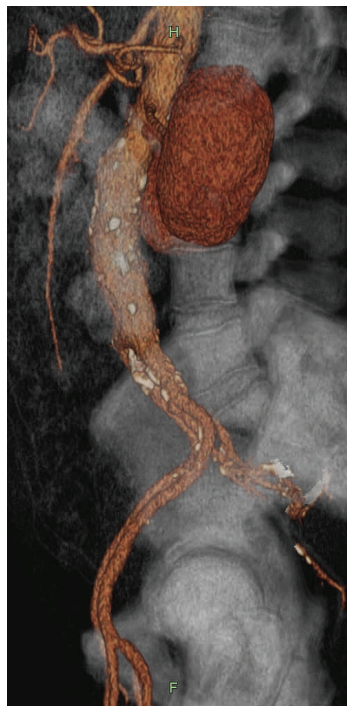
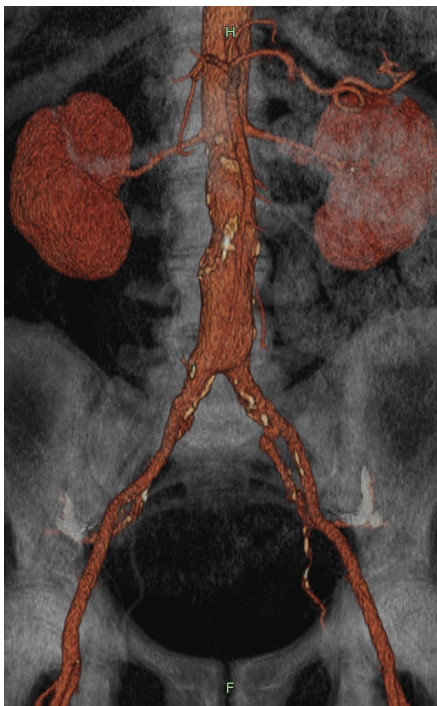
Partially thrombosis of the AAA.

Lengths:

Aortic neck (L1): 18 mm  
 AAA length (L2): 90 mm  
 Length L3: 90 mm  
 Length L4 right: 148 mm  
 Length L4 left: 156 mm

Diameters:

Proximal LZ: 22mm  
 Aortic neck: 22mm  
 AAA diameter: 53mm  
 Aortic Bifurcation: 24mm  
 Distal LZ right: 13mm  
 Distal LZ left: 14mm  
 EIA diameter right: 9mm  
 EIA diameter left: 9mm



**Strategy**

- Cut down in both groins
- Main body introduction via left femoral artery
- Guide wires / Catheters:
  - Terumo Glide guidewire 0.035", 260cm
  - Cook Lunderquist 0.035", 260cm
  - Boston 5F Pigtail catheter
  - Cordis 5F Multipurpose catheter or 5F SOS Omnis catheter
- Stentgraft: Cook
  - Size: Main body: 26/96 mm  
 Limbs: 14/37 mm (ips.), 14/54 (contr.)

**Concomitant diseases / CVRF**

- CHD with MI in 2005
- COPD
- Mild hypertension
- Hyperlipoproteinemia

**General Information**

CASE ID  
 Patient  
 Team  
 Date of intervention

**FFM 04—Back-up case**

**H.F.**, male, 67 years old  
 to be announced  
 03.03.2007, to be announced

**CT findings**

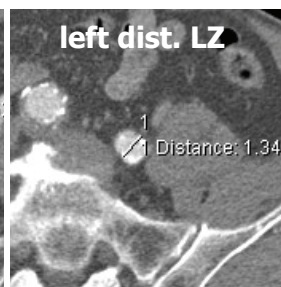
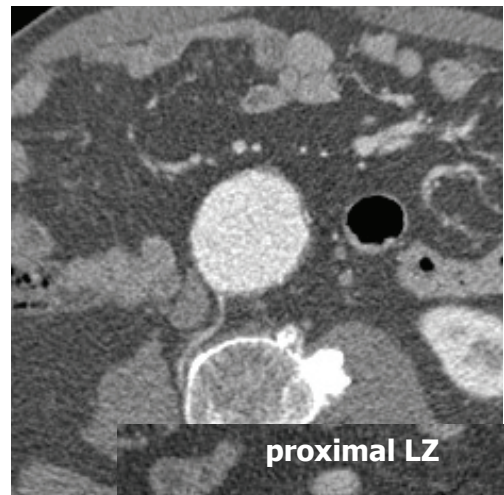
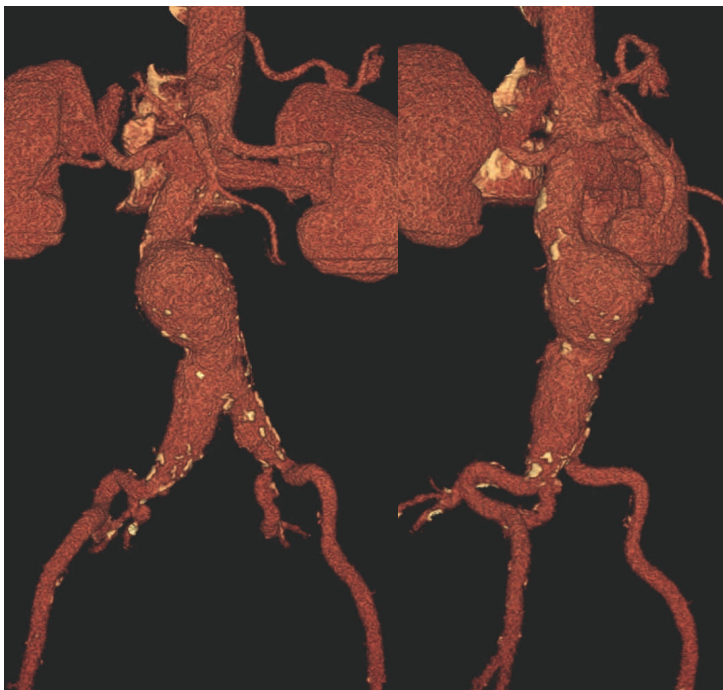
6mm increase in size of the infrarenal AAA within the last year. Moderate calcification @ distal LZs. Both common iliac arteries involved.

Lengths:

Aortic neck (L1): 44 mm  
 AAA length (L2): 68 mm  
 Length L3: 112 mm  
 Length L4 right: 159 mm  
 Length L4 left: 159 mm

Diameters:

Proximal LZ: 22 mm  
 Aortic neck: 21 mm  
 AAA diameter: 50 mm  
 Aortic Bifurcation: 24 mm  
 Distal LZ right: 17 mm  
 Distal LZ left: 14 mm  
 EIA diameter right: 8 mm  
 EIA diameter left: 10 mm



**Strategy**

- Cut down in both groins
- Main body introduction via right femoral artery
- Guide wires / Catheters:
  - Terumo Glide guidewire 0.035", 260cm
  - Cook Lunderquist 0.035", 260cm
  - Boston 5F Pigtail catheter
  - Cordis 5F Multipurpose catheter
- Stentgraft: Anaconda or Talent
  - Size: Main body: 26-18-155 mm  
 Contralat. Limb: 14-16-90 mm

**Concomitant diseases / CVRF**

- CHD with MI in 2000
- Hyperlipoproteinemia