



TURIN, 20TH—21ST NOVEMBER 2008

GREAT INNOVATIONS IN CARDIOLOGY

4TH JOINT MEETING WITH MAYO CLINIC

4TH TURIN CARDIOVASCULAR NURSING CONVENTION



SESSION I:
**PERSPECTIVES IN ISCHEMIC HEART DISEASE
(PART I)**

S. Battista (Torino)

Short case presentation

4th JMMC Meeting in Turin
Great Innovations in Cardiology

Short case presentation

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Azienda Ospedaliera Universitaria San Giovanni Battista di Torino

A 76-year old woman

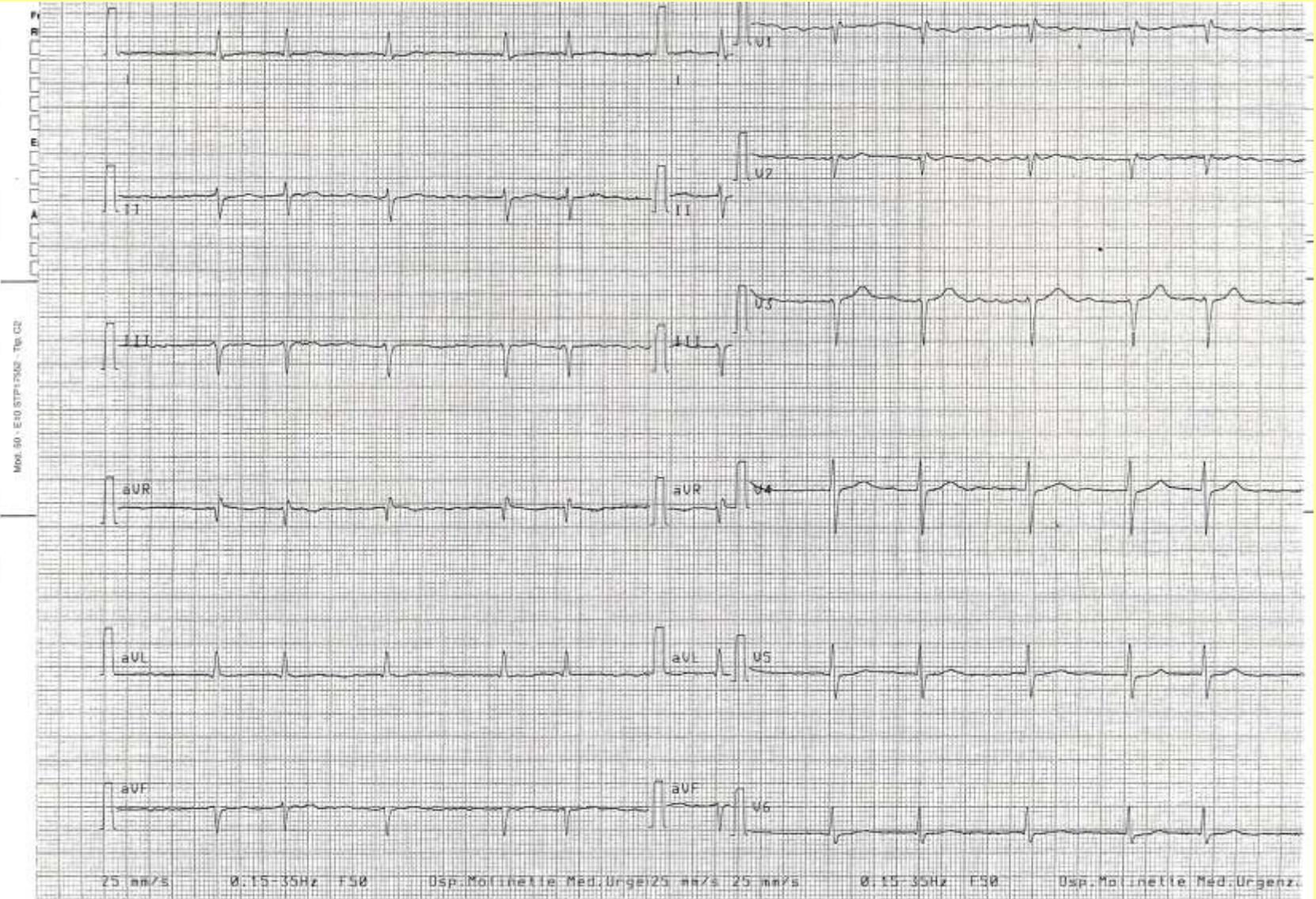
Clinical History

- Obesity
- Type 2 diabetes
- Arterial hypertension
- Chronic atrial fibrillation
- Five years before admission: **acute myocardial infarction**
- During the last year severe weight loss associated with the finding of anemia
- Gastroscopy and two colonoscopies, were all negative

The patient reported weakness and recurrent episodes of chills in the previous two months

and the onset of thoracic pain during the last week radiating to the back and the left arm

The night prior to admission the pain acutely worsened



Diagnostic hypotheses

**Ischemic
cardiac
origin**

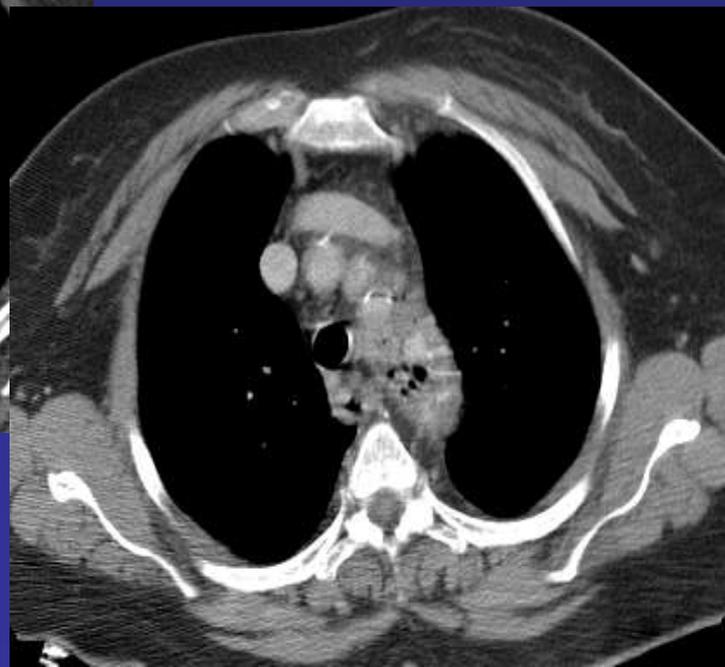
**Non cardiac
origin**
(probably vascular)

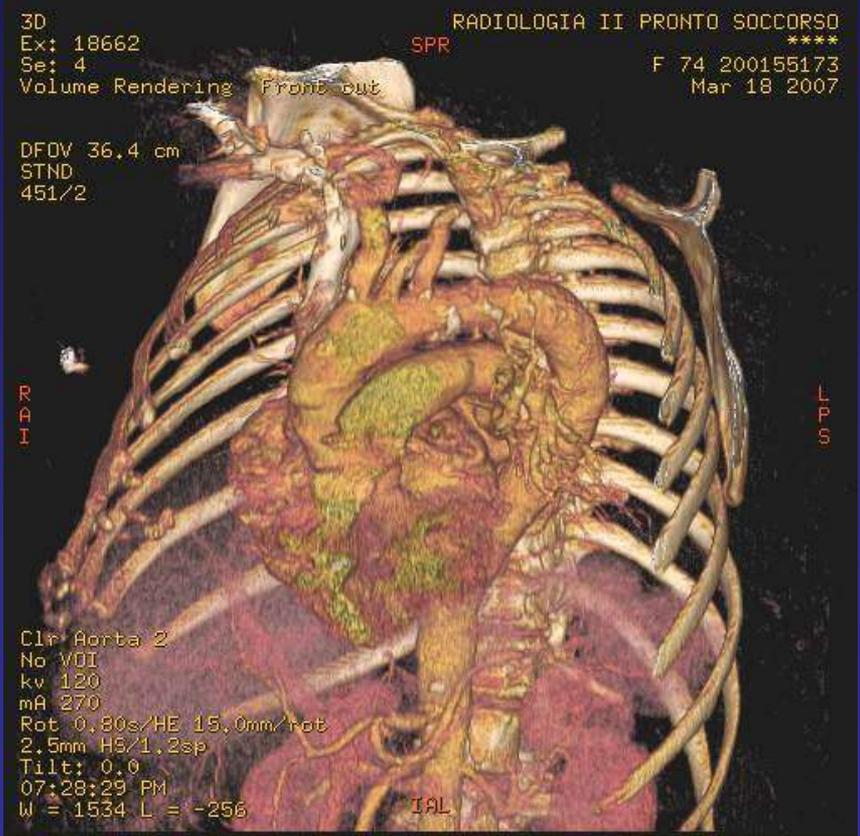
Other

Acute chest pain



CT on admission



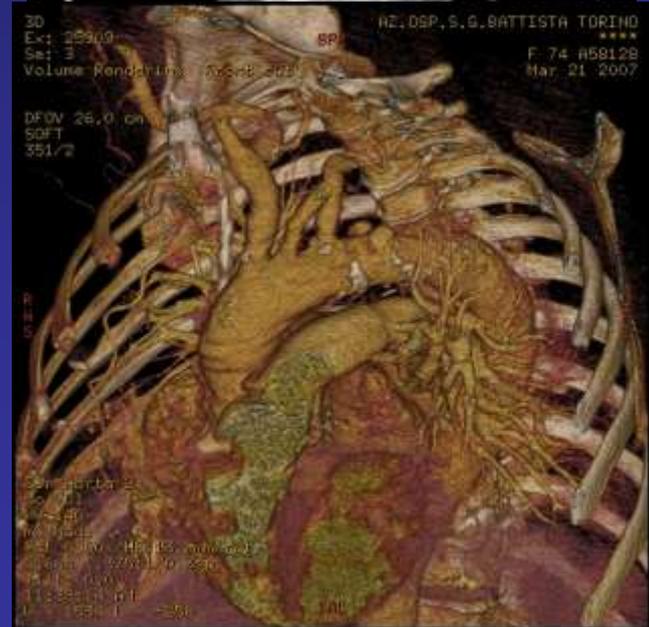
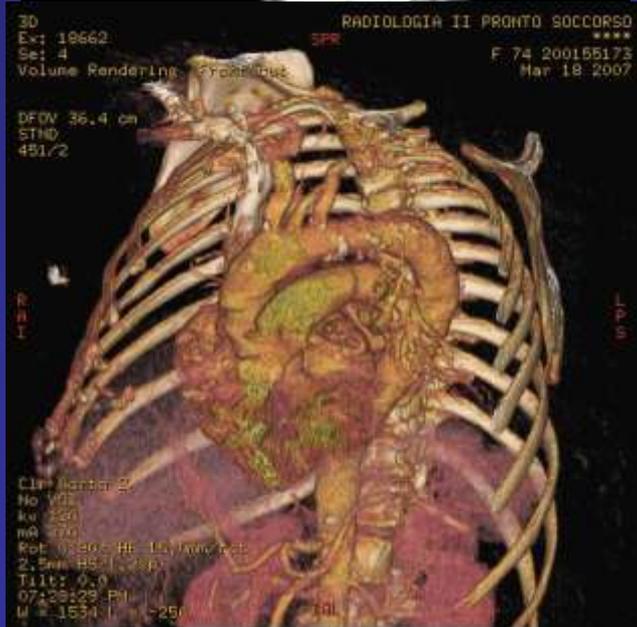
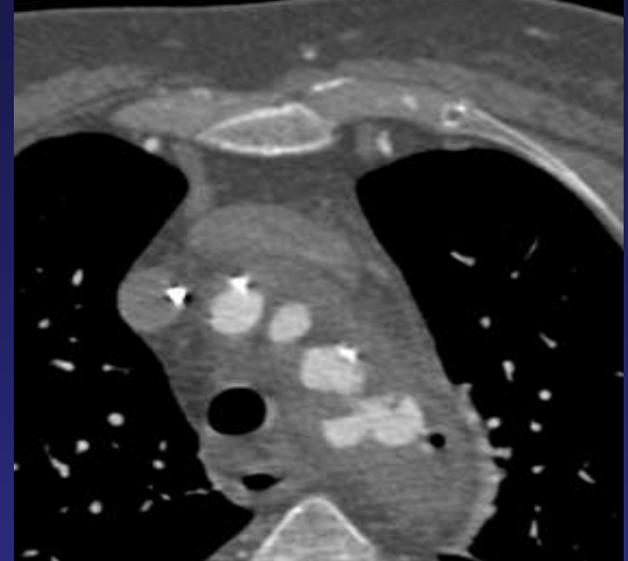




- β blockers
- Antibiotic therapy

**Blood cultures yielded positivity for
Clostridium septicum**

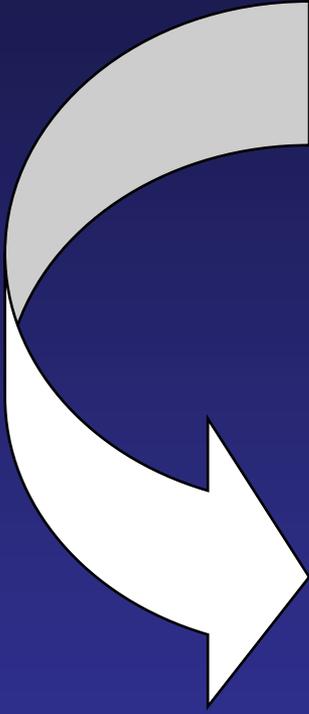




JAMA. 1969 Jul 21;209(3):385-8.

Clostridium septicum infections and malignancy

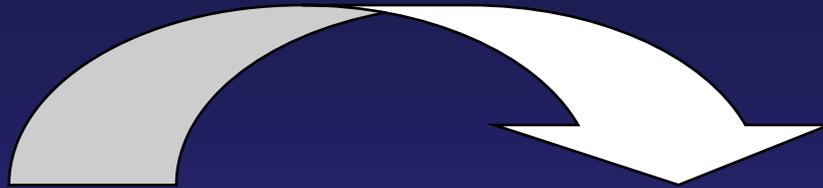
Alpern RJ, Dowell VR Jr.



Abdominal CT and colonoscopy

A substenotic tract in the right colon near the hepatic bend was found and the histological findings suggested an adenocarcinoma of the colon

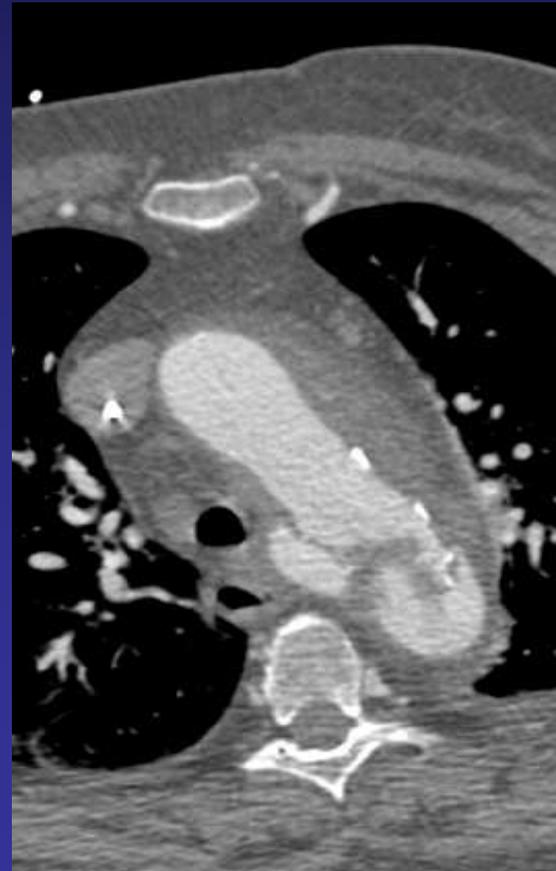
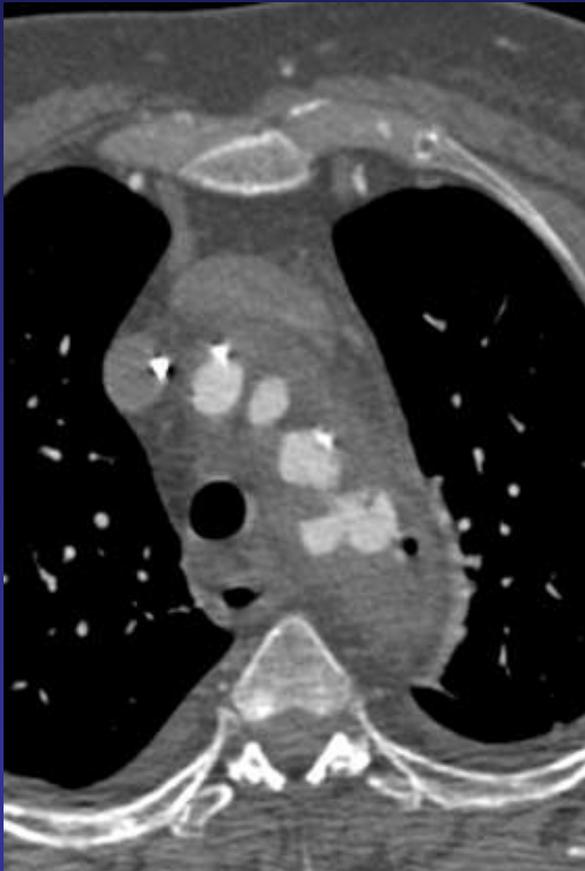




While hospitalized, the patient developed severe back and lumbar pain associated with lower limbs hypostenia rapidly progressing to paraplegia

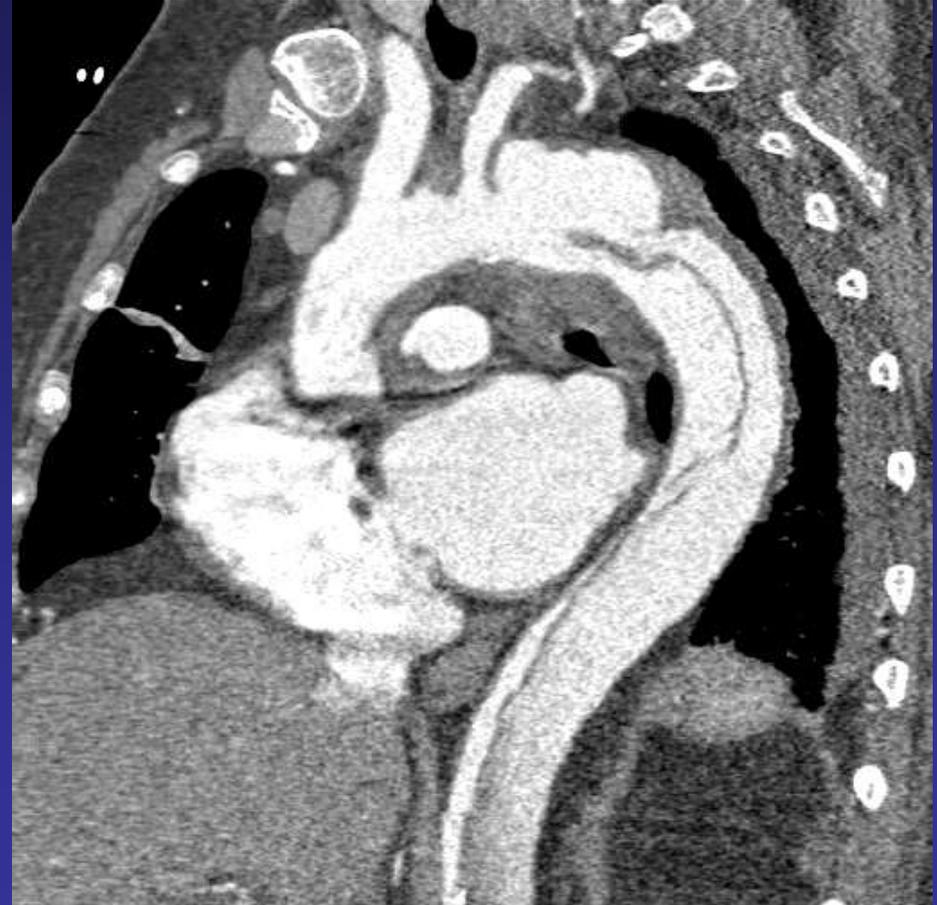
Angio CT

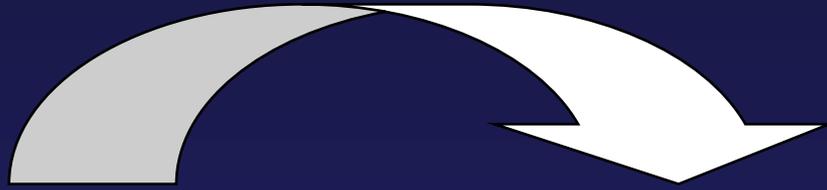
Type B aortic dissection



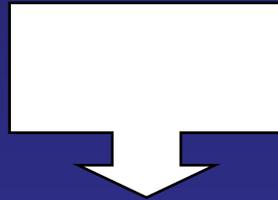
Angio CT

Type B aortic dissection





The patient underwent axillobifemoral by-pass surgery

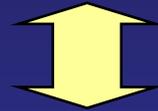


with prompt and full recovery of lower limbs motility

Acute chest pain



**Type of pain - Clinical history -
- Comorbidity -**



Differential diagnosis
Sepsis – Aortitis

A. Laudito, V. Gai, S. Battista, D. Garabello, G. Limerutti, M. Rinaldi
Circulation 2008; 117(12): 1609

V Gai et al. *Gastroenterology*, 2008 in press