

## Esami complementari cardiovascolari.

### Invasivi:

Angiografia  
Studio elettro-fisiologico

### Non invasivi:

Test provocativi di ischemia  
Test di vitalità miocardica  
Studi morfologici  
Studi morfo-funzionali  
Studi del ritmo cardiaco e la PA

## Esami complementari cardiovascolari.

### Non invasivi:

**Test provocativi di ischemia:**

Ergometria

Ecocardiografia da stress

Scintigrafia miocardica da sforzo

**Test di vitalità miocardica:**

Scintigrafia miocardica a riposo

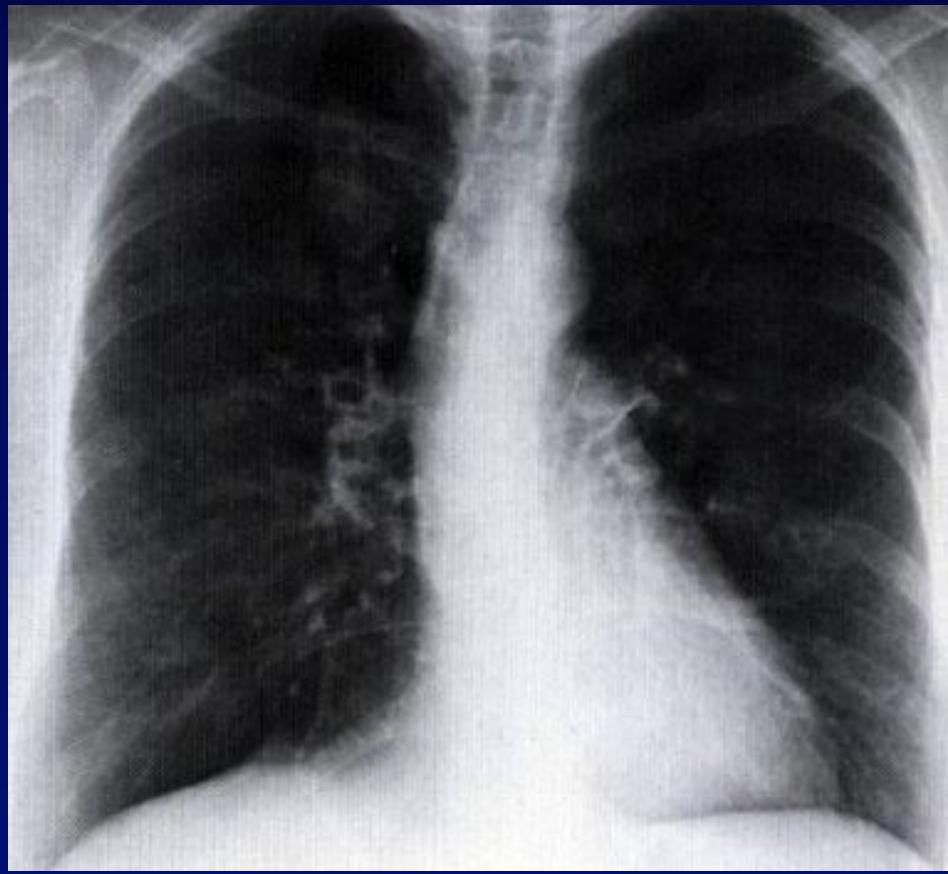
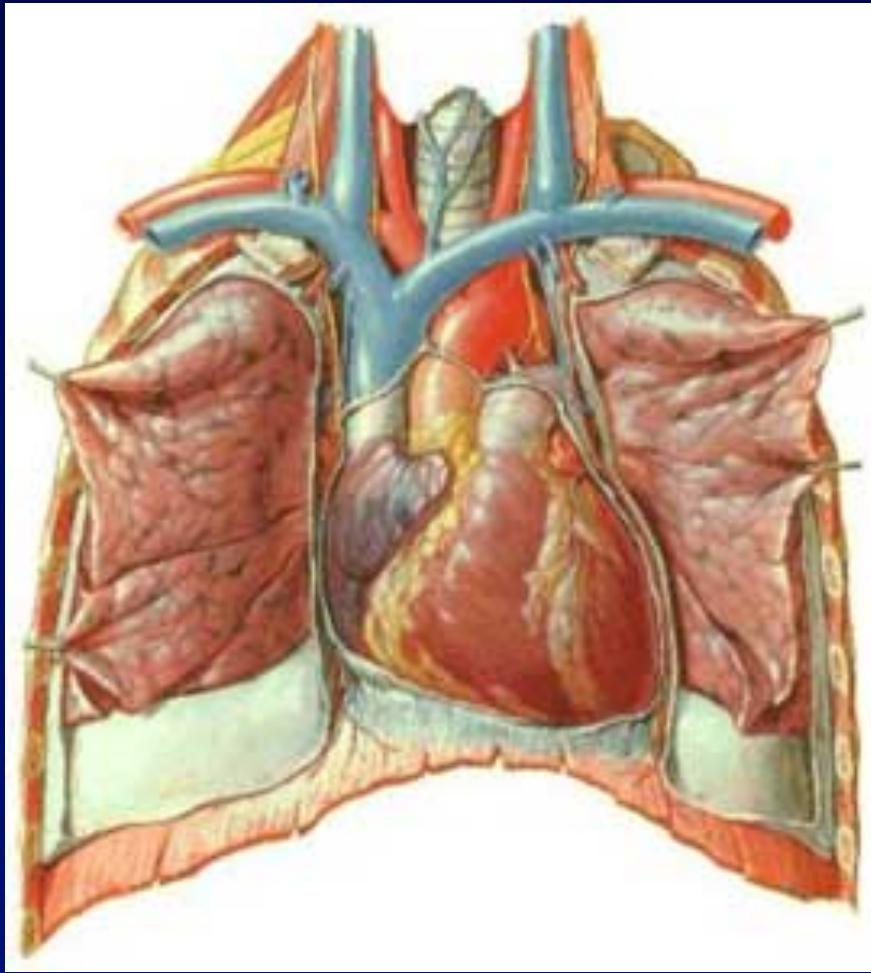
Eco-stress a bassa dose

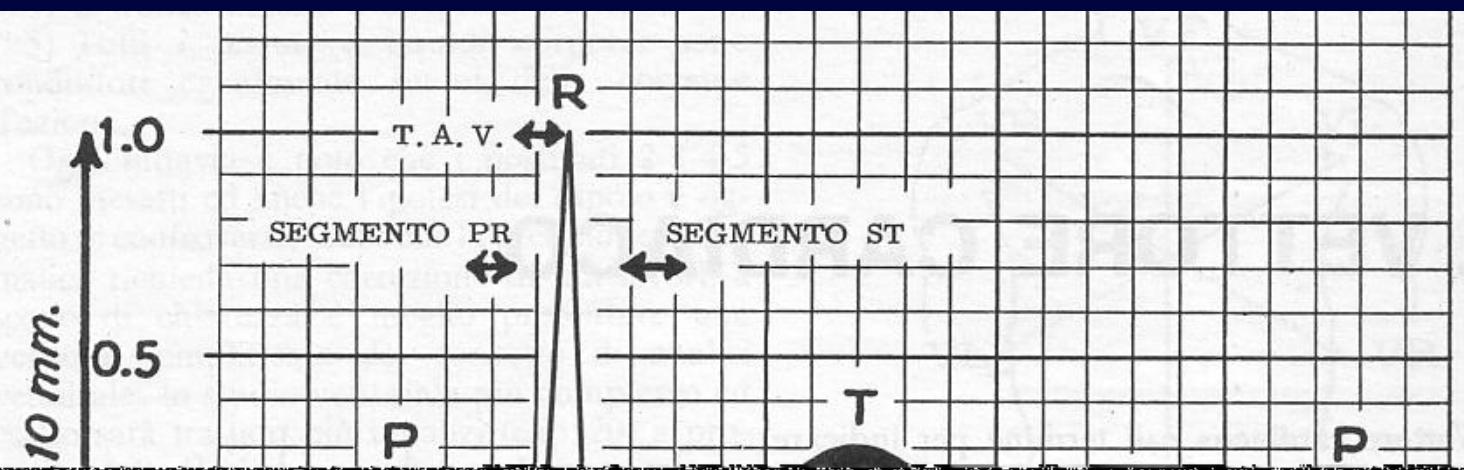
**Studi morfologici**

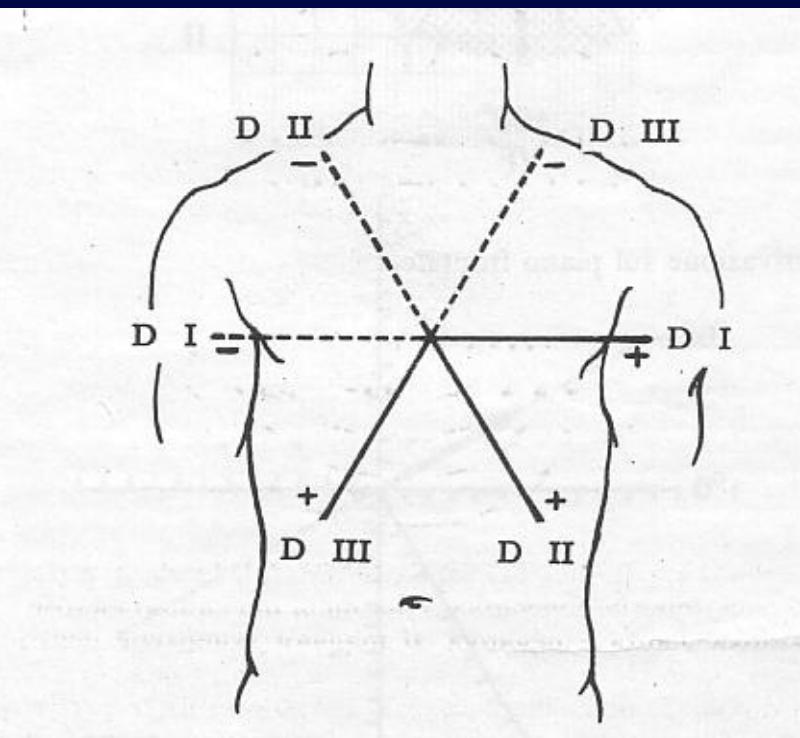
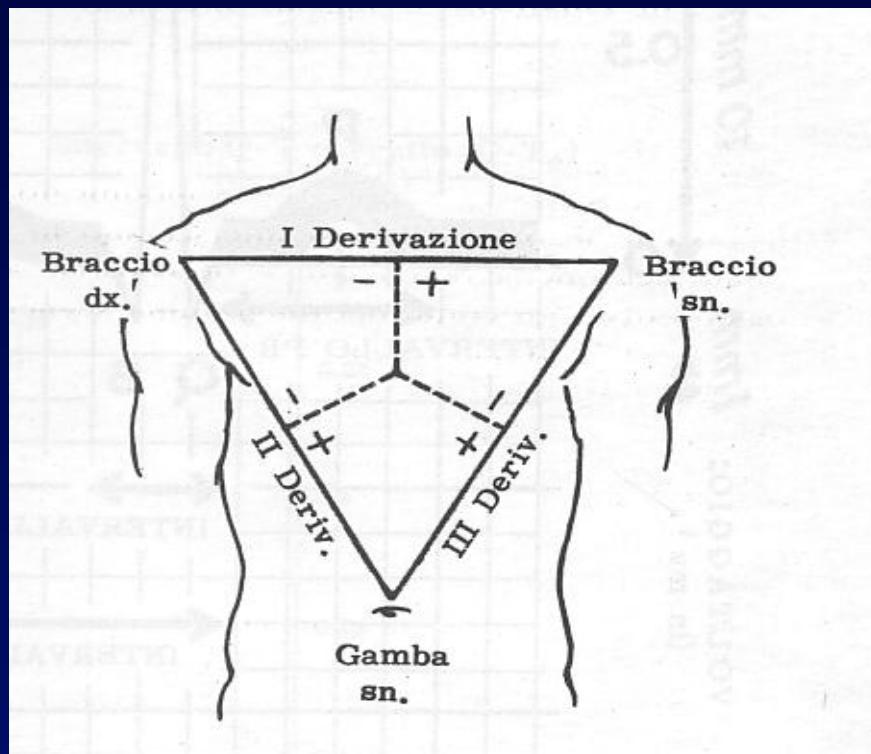
Rx torace, ecocardiogramma, Doppler vascolare

**Studi del ritmo cardiaco**

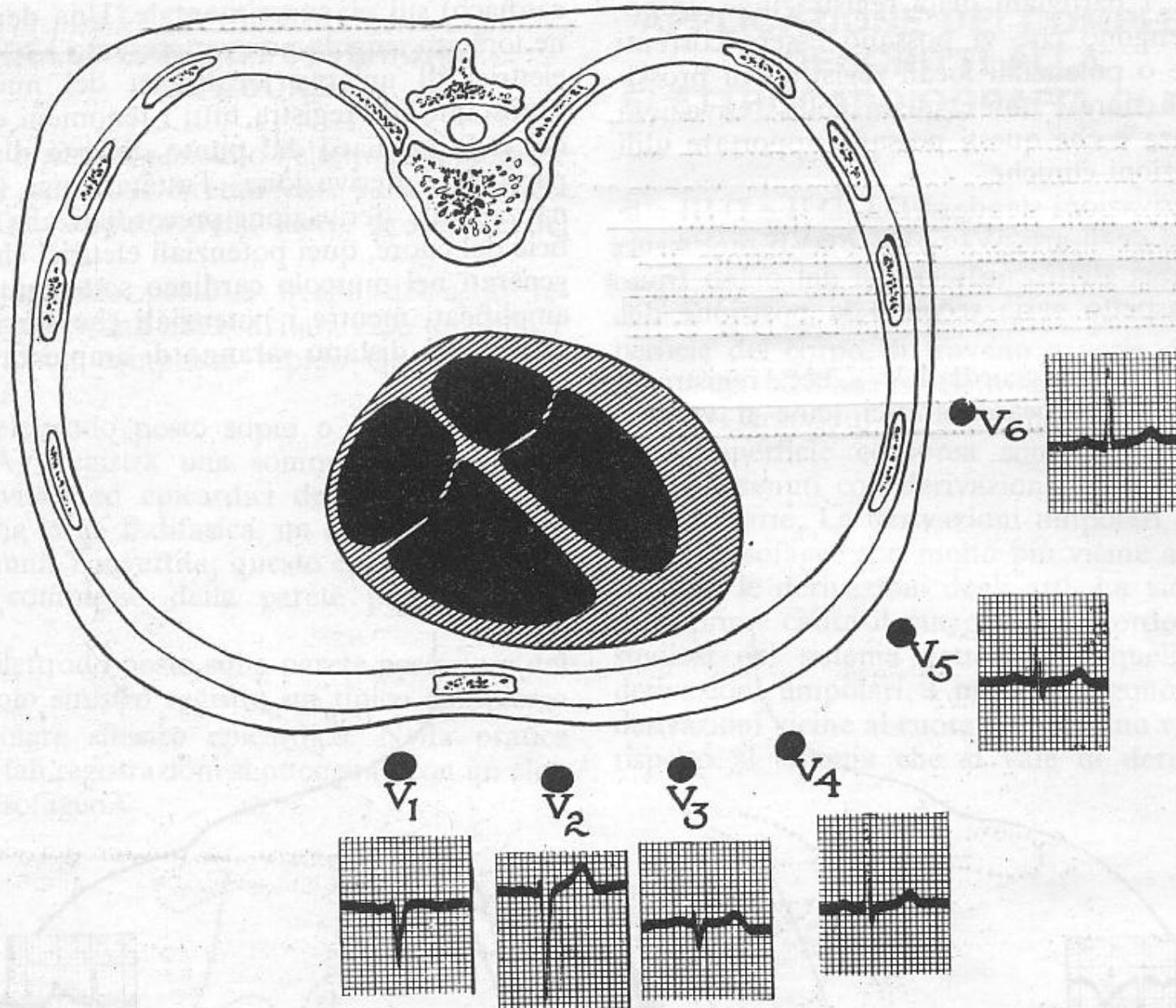
ECG e monotoraggio Holter 24 ore o Holter PA 24 ore







## ELETROCARDIOGRAMMA NORMALE



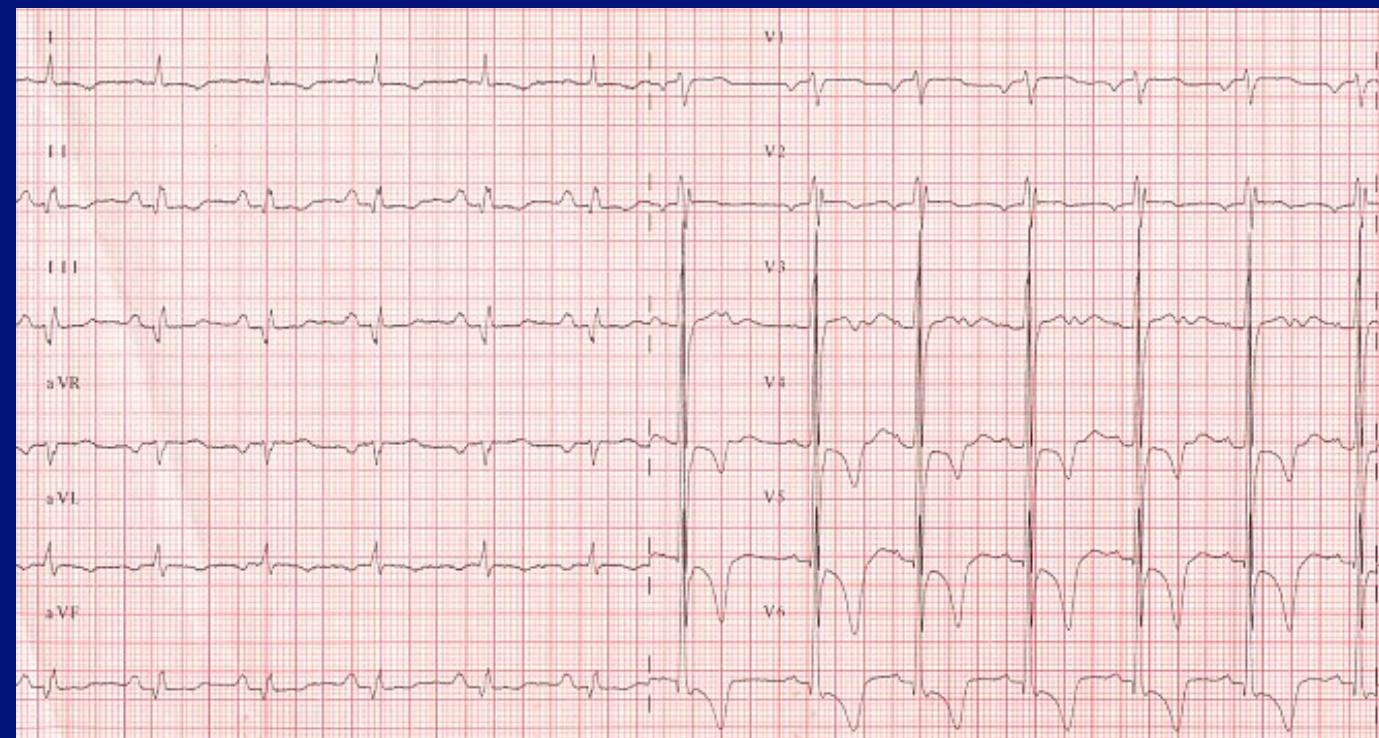
**75 years old man with type III-B unstable angina**

**CABG in 3 vessels disease 14 years before**

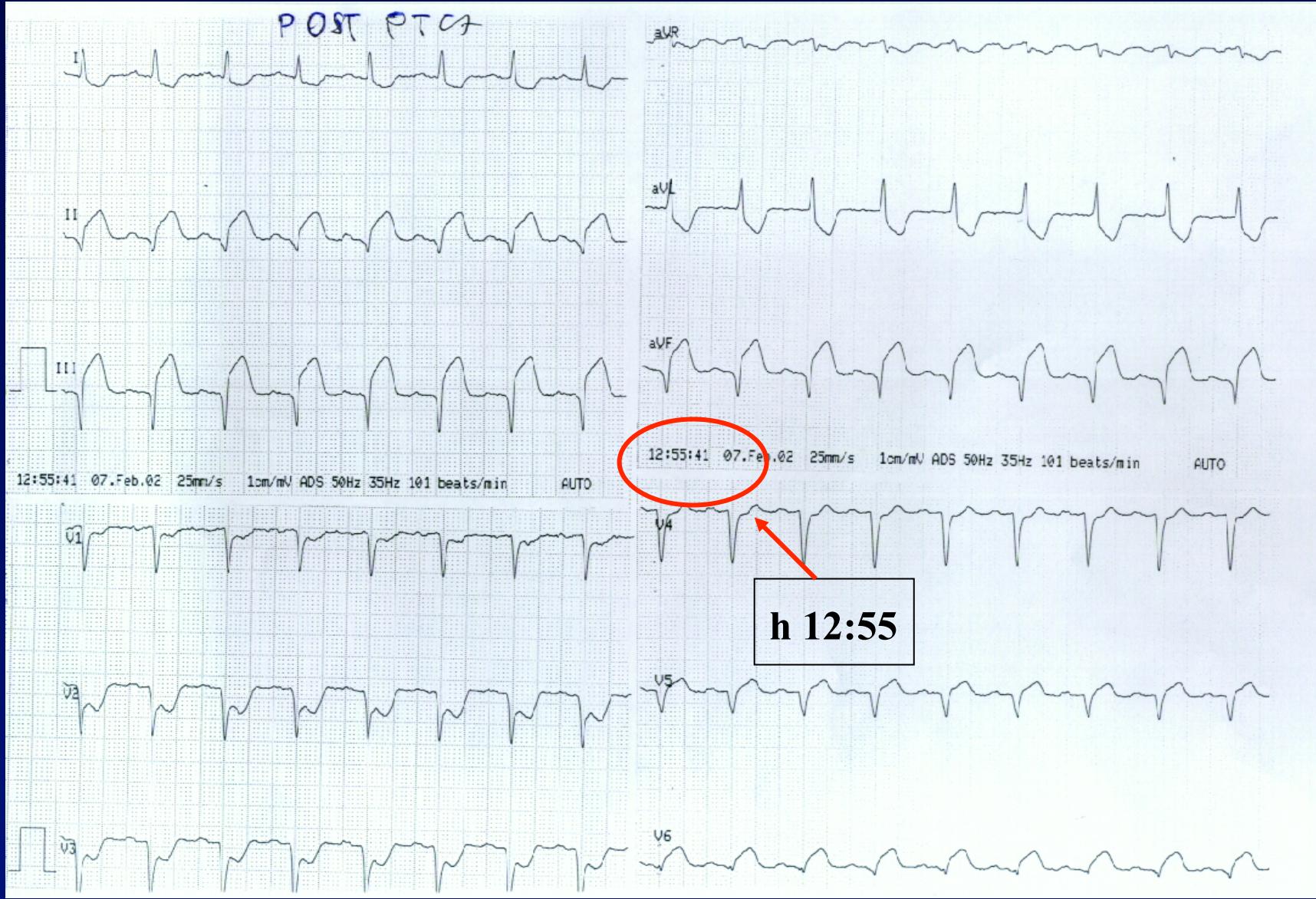
**Chronic renal failure and C virus hepatitis**

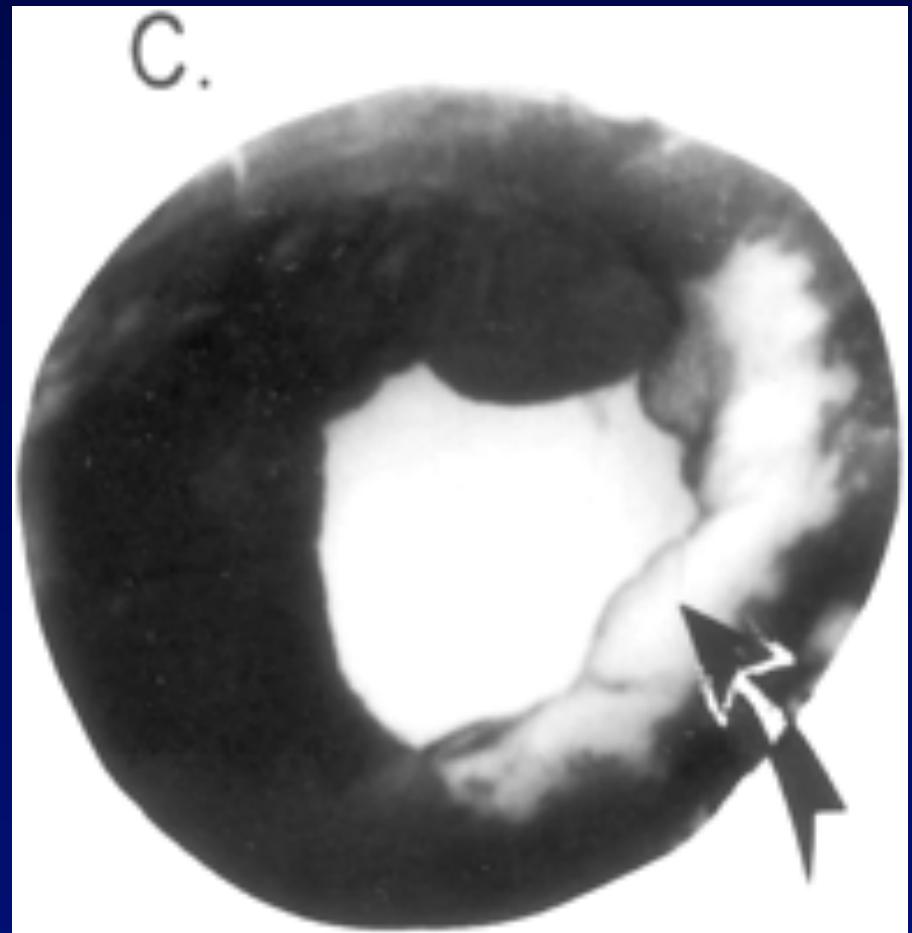
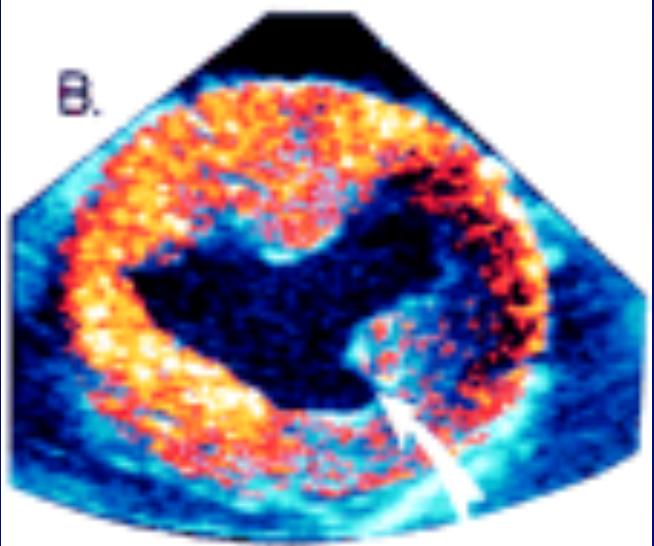
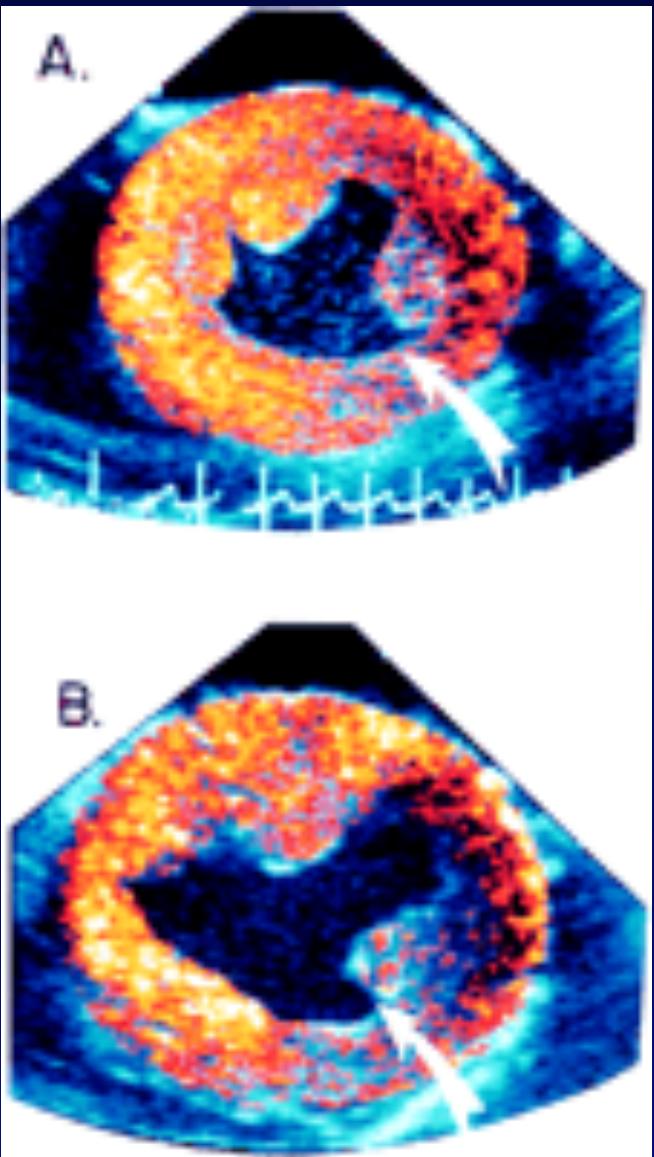
**LVEF: 38%**

**Pre-treated with ticlopidine, ASA and Abciximab**



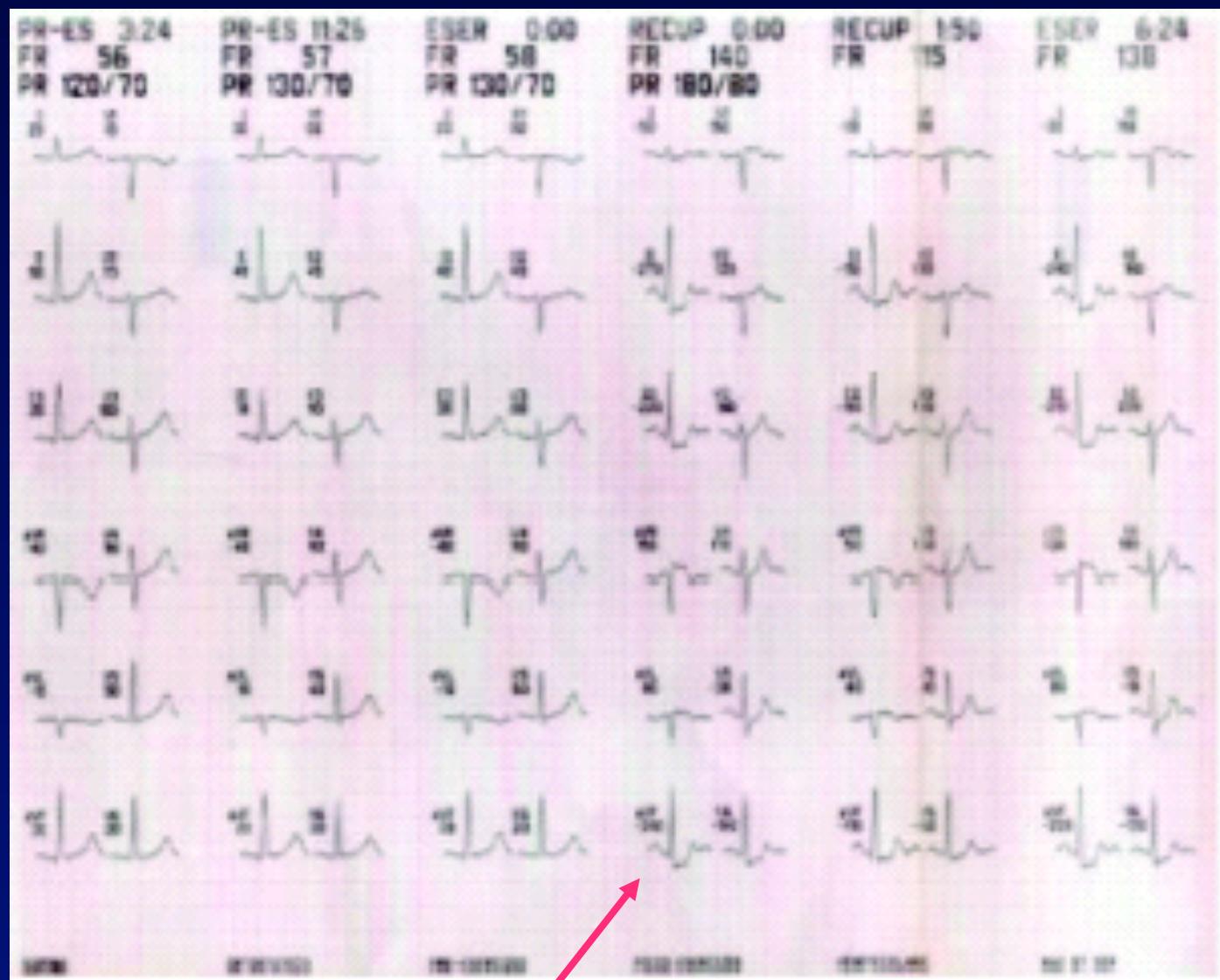
# ECG after PTCA with optimal angiographic result, (3h 30' of pain)



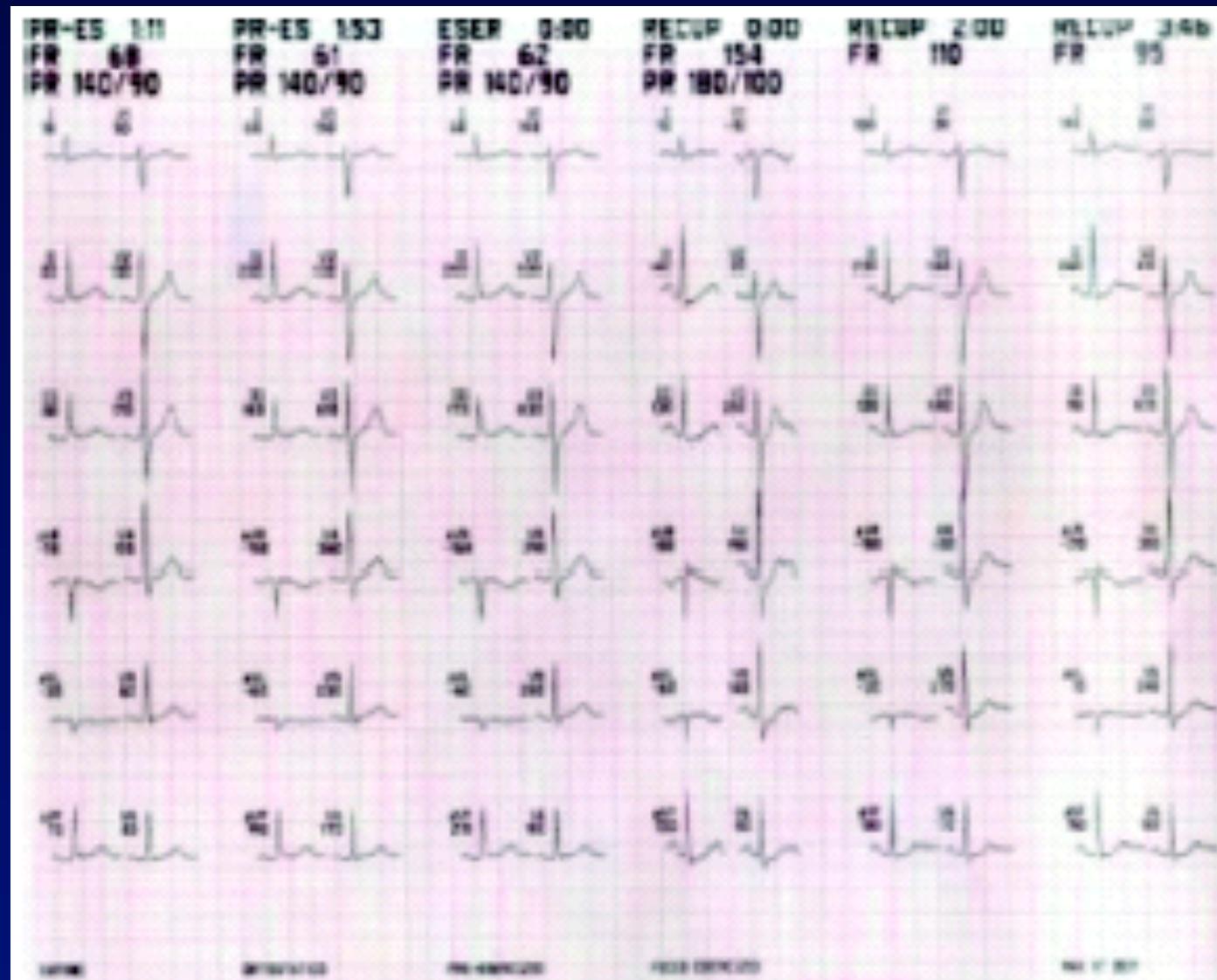


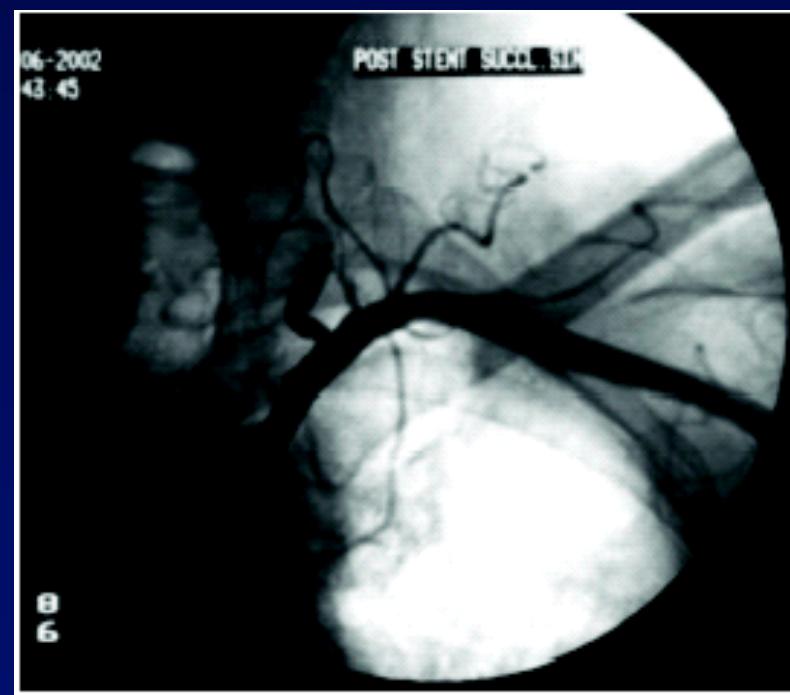
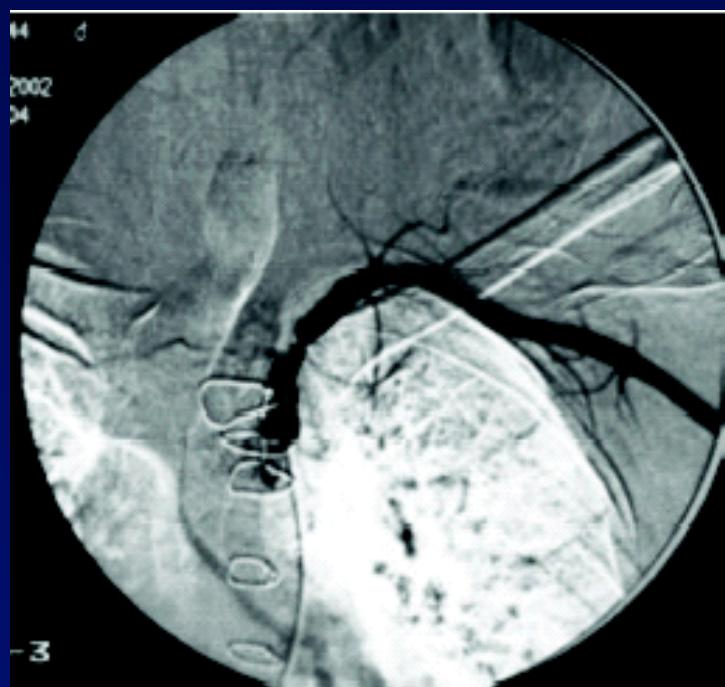
*MCE at baseline (A) and after coronary occlusion (B)*

## Ergometria positiva: ischemia



## Ergometria negativa: non ischemia





Angiogram of a thrombotic total occlusion of a large LAD in AMI before PCI (2a) and after successful primary PCI (2d).

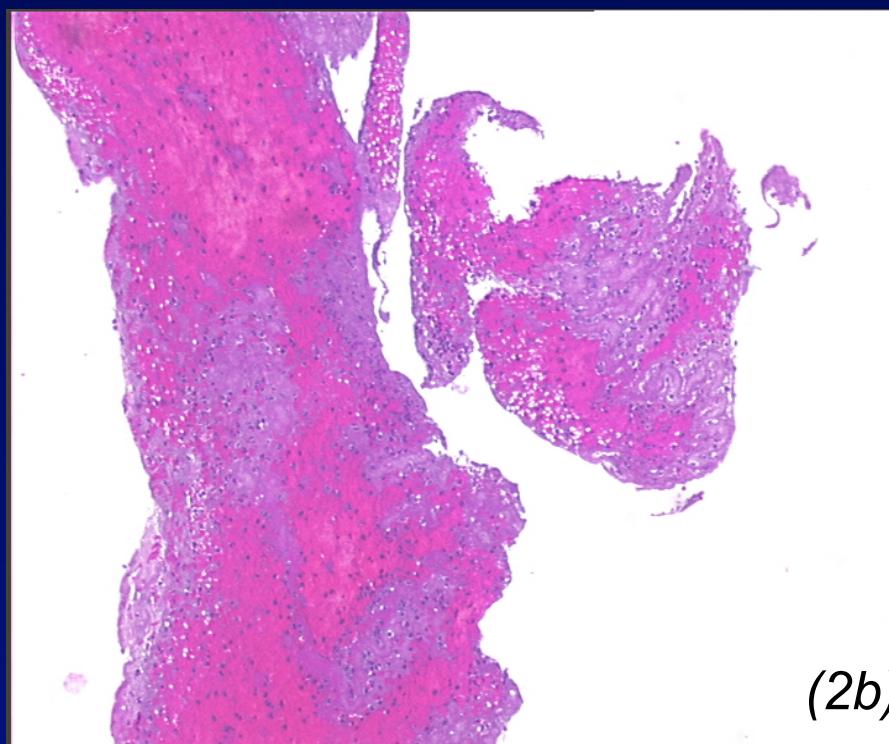


2a

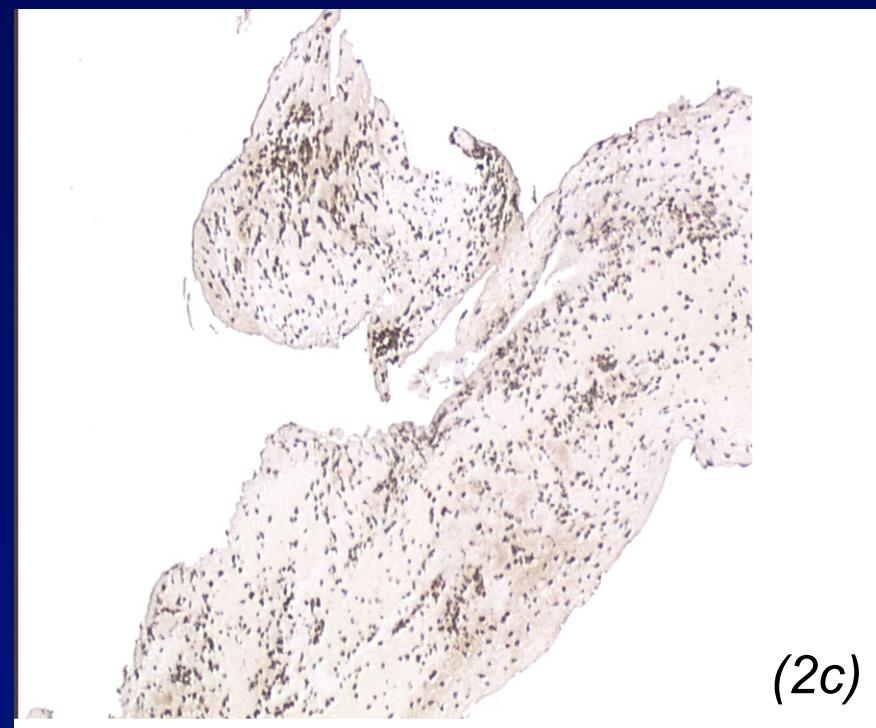


2d

Histology of the retrieved material from the occluded LAD (2b),(2c).



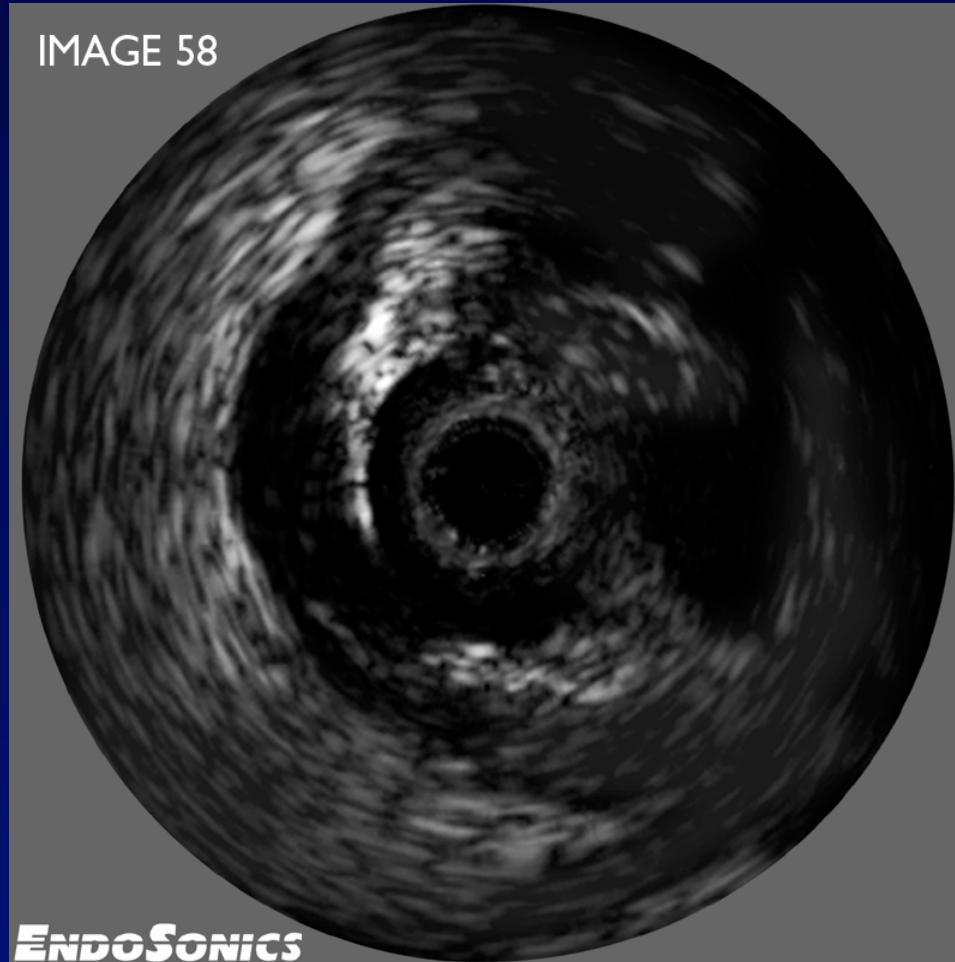
(2b)



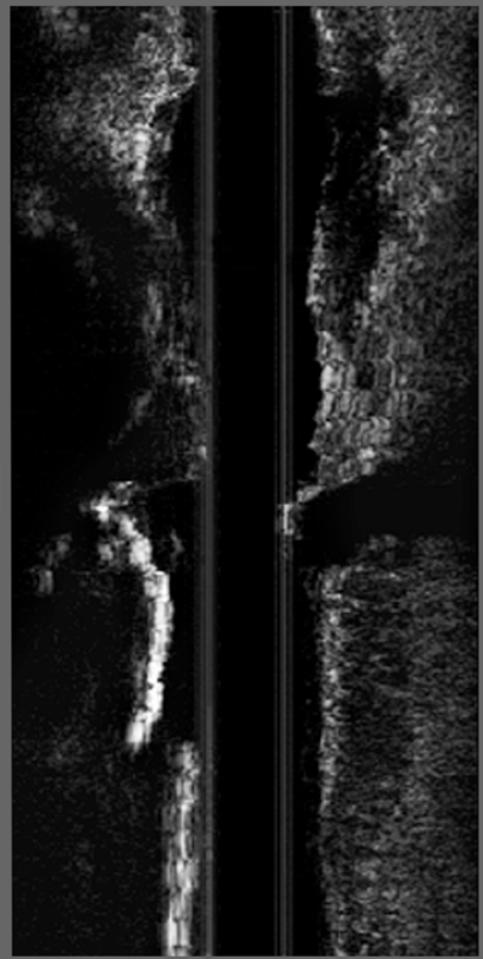
(2c)

# Dissected Plaque

IMAGE 58

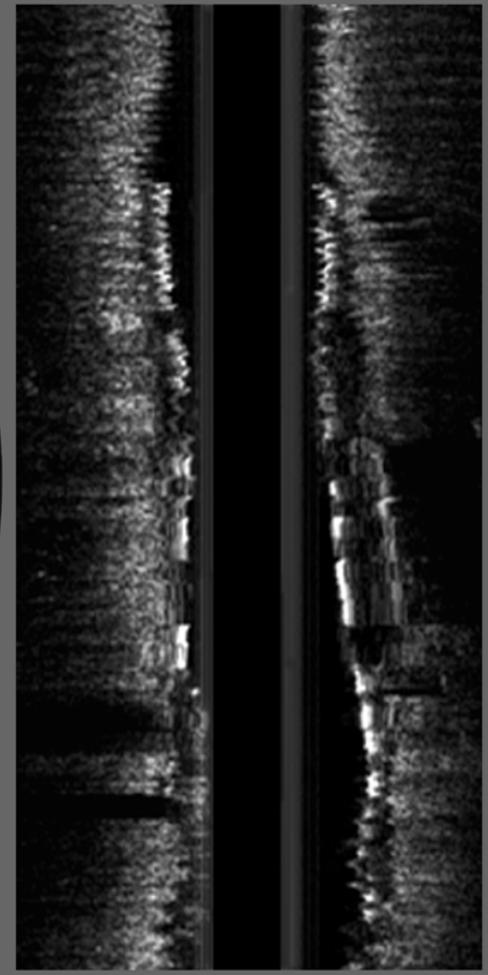
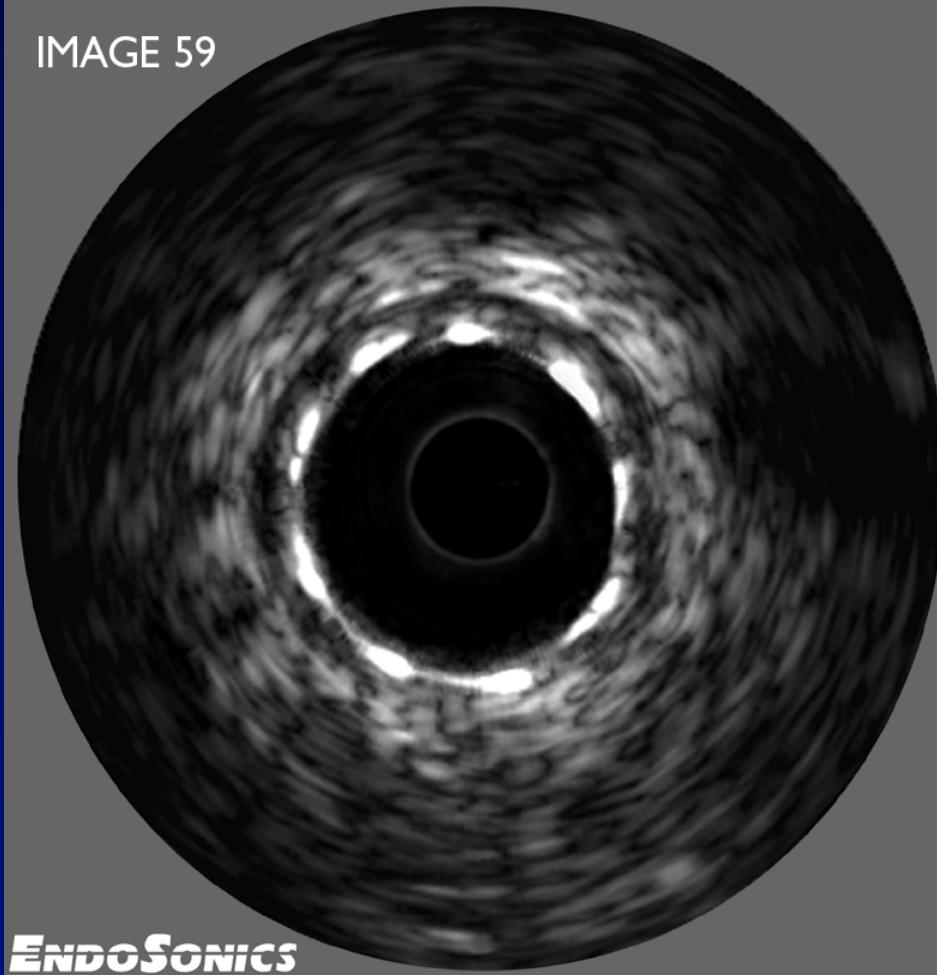


**ENDOSONICS**

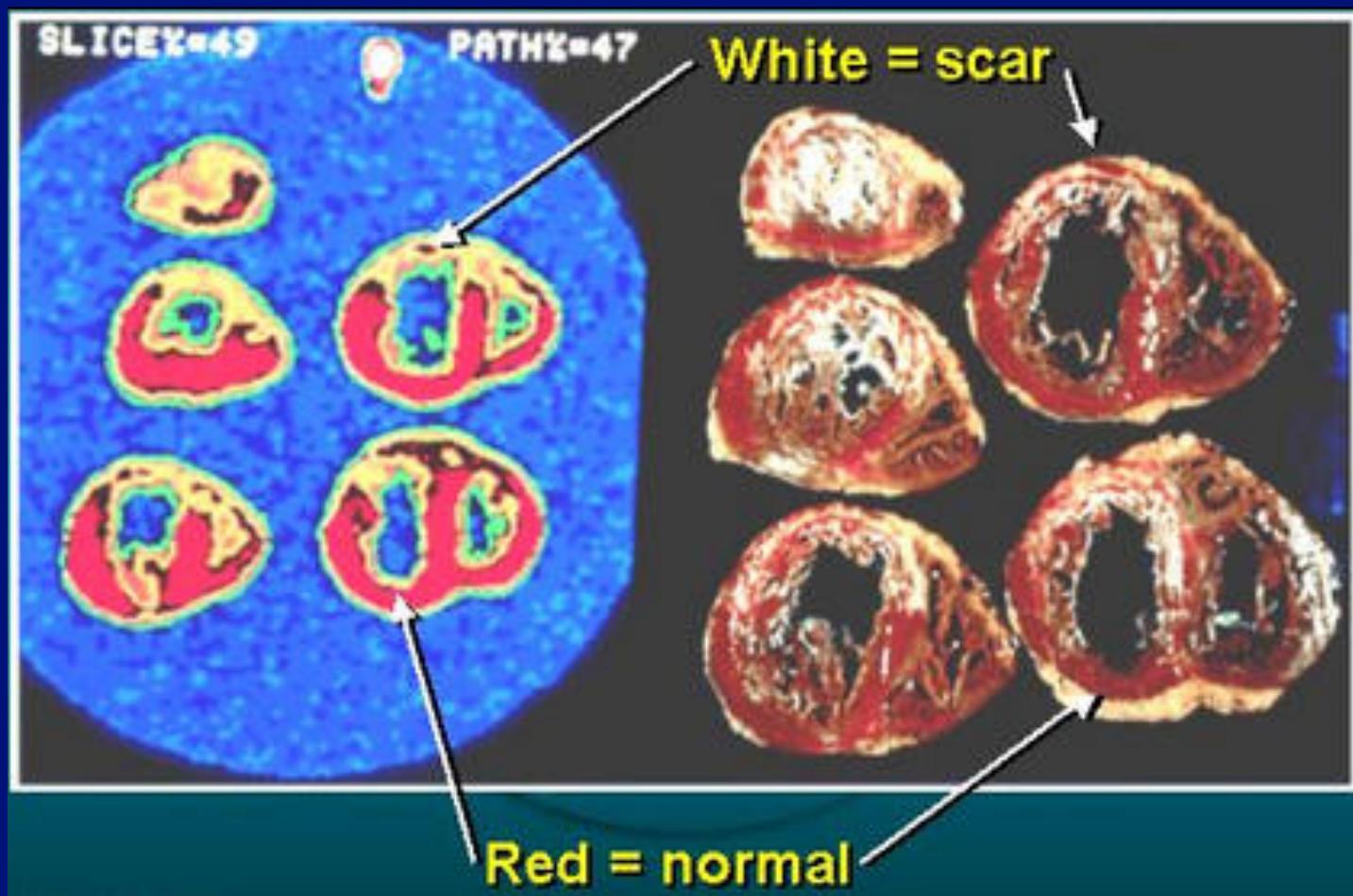


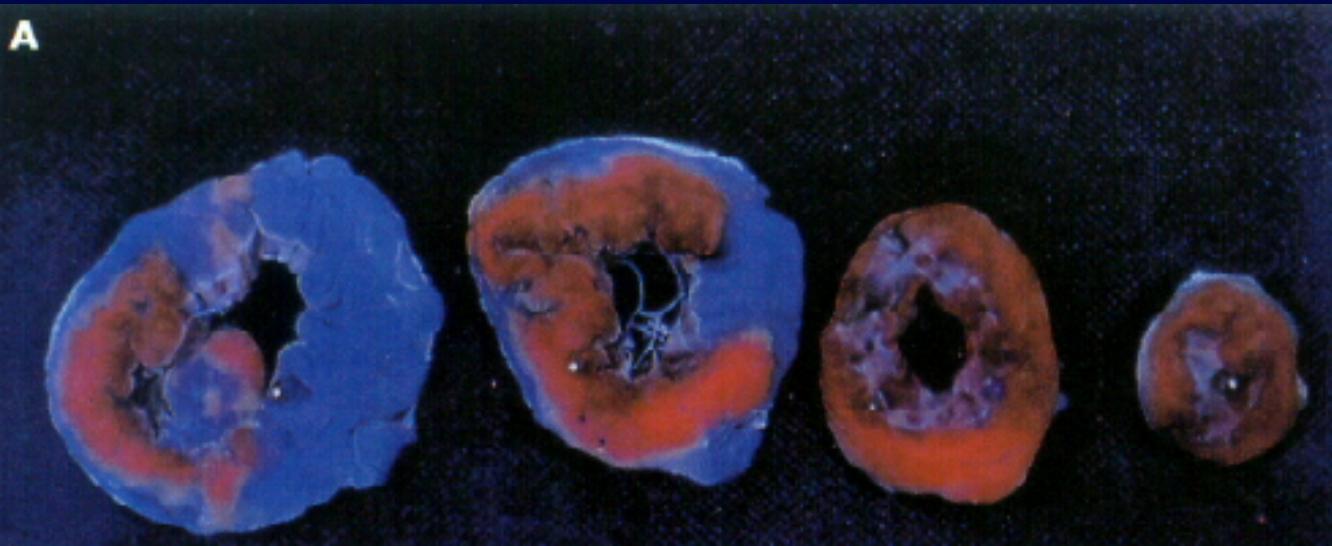
# Stent Apposition

IMAGE 59



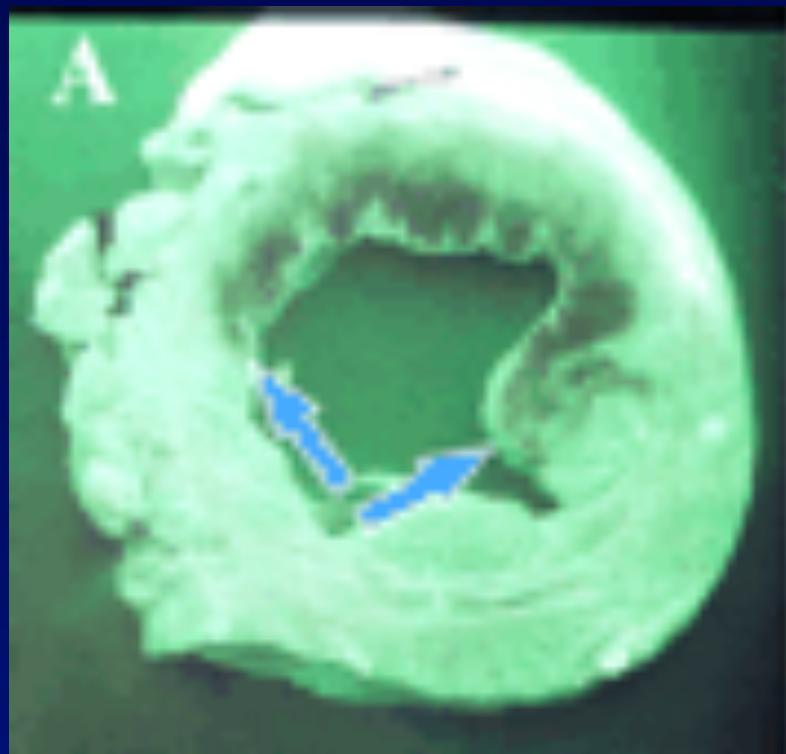
**ENDOSONICS**



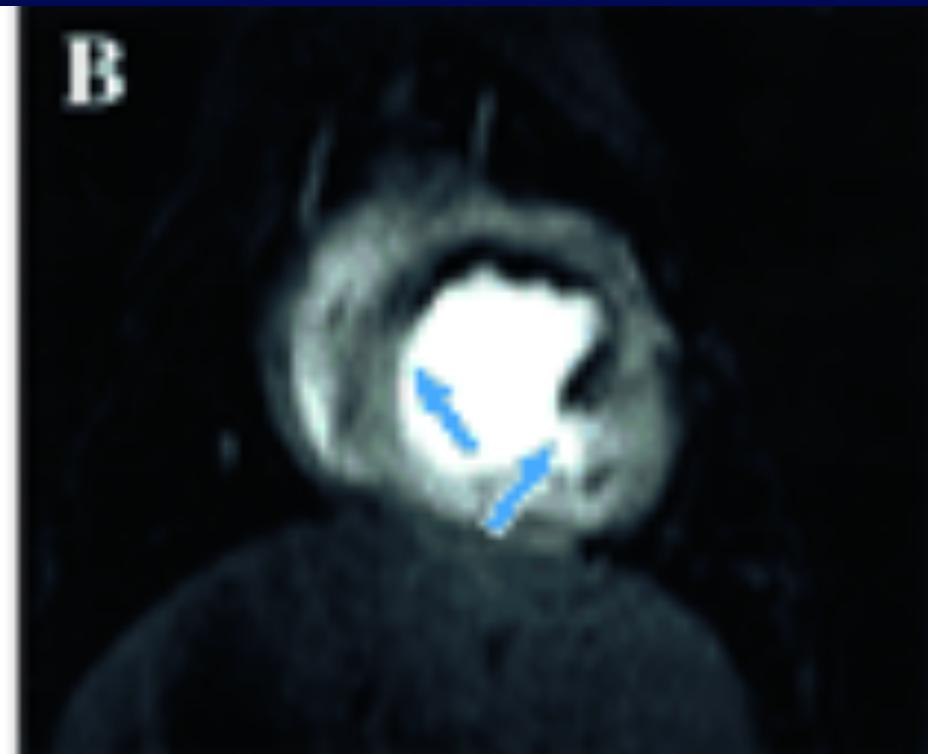


*Post-mortem myocardial slice  
stained with thioflavin S 48h  
after AMI/reperfusion*

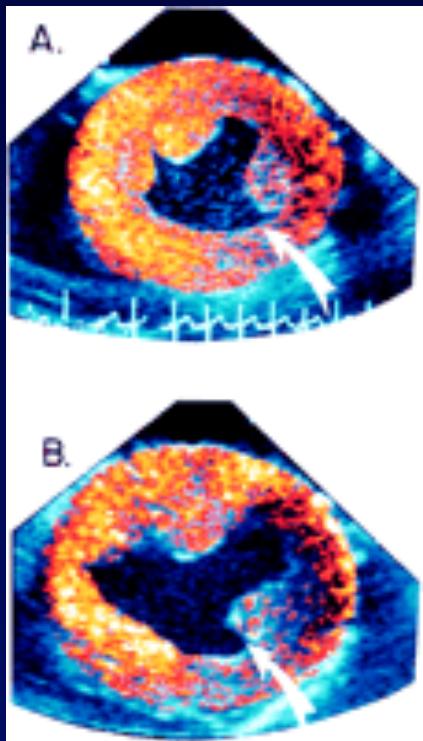
*Equivalent short-axis MRI  
2' after contrast injection, at  
48 h after reperfusion*



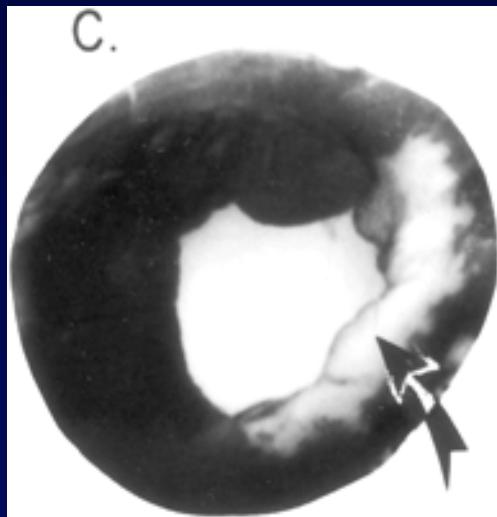
Thioflavin S stained myocardium



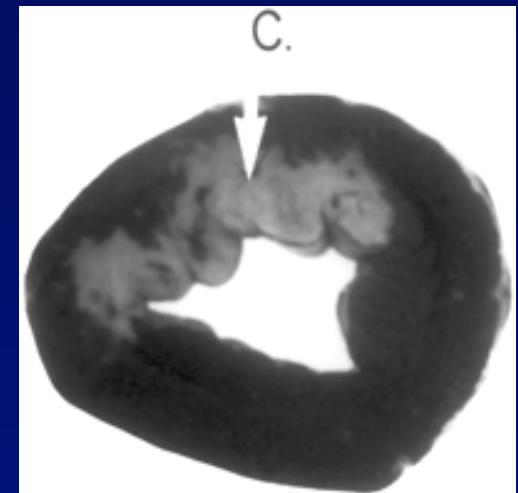
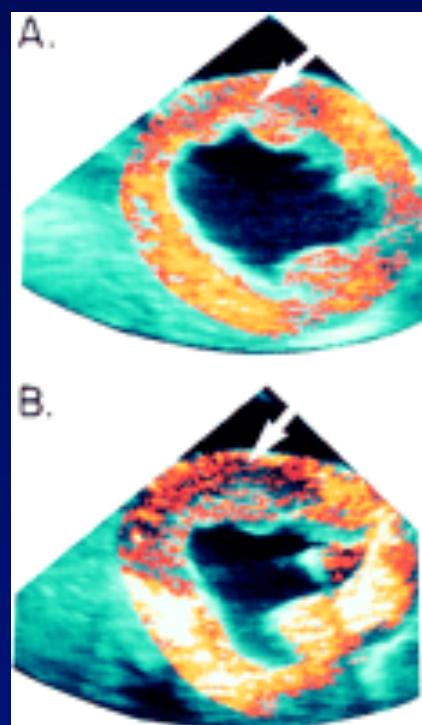
Gadolinium DTPA-enhanced MRI

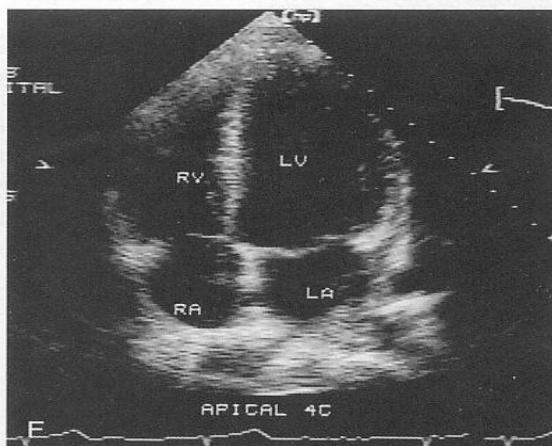
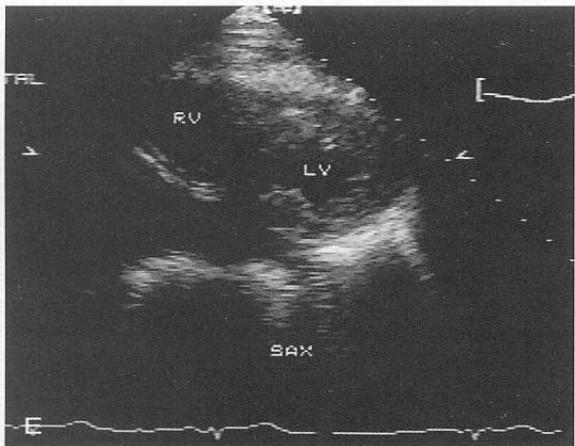
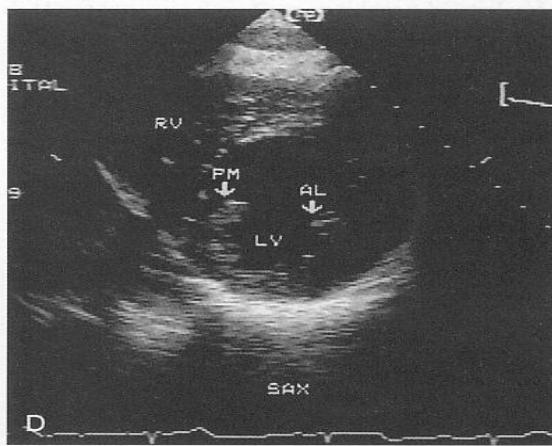
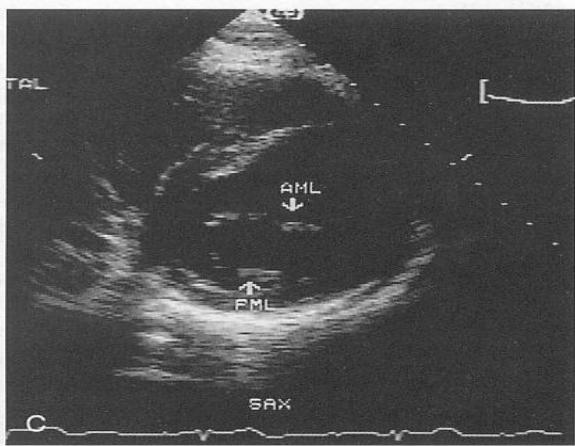
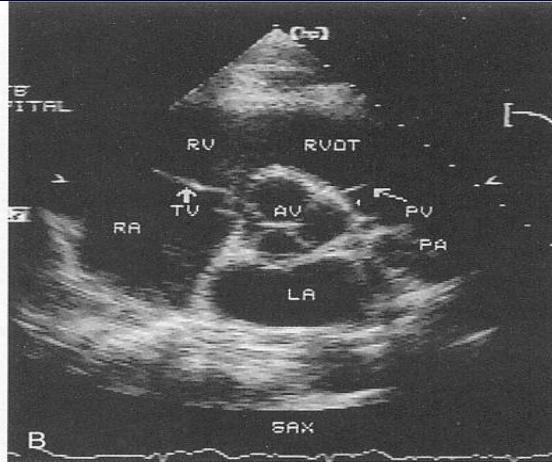
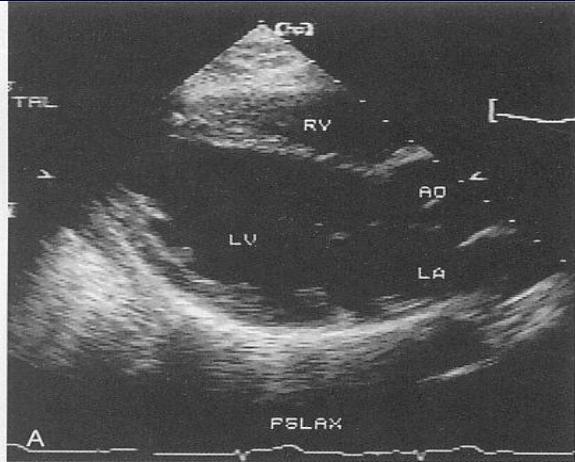


*MCE at baseline (A) and after coronary occlusion (B)*

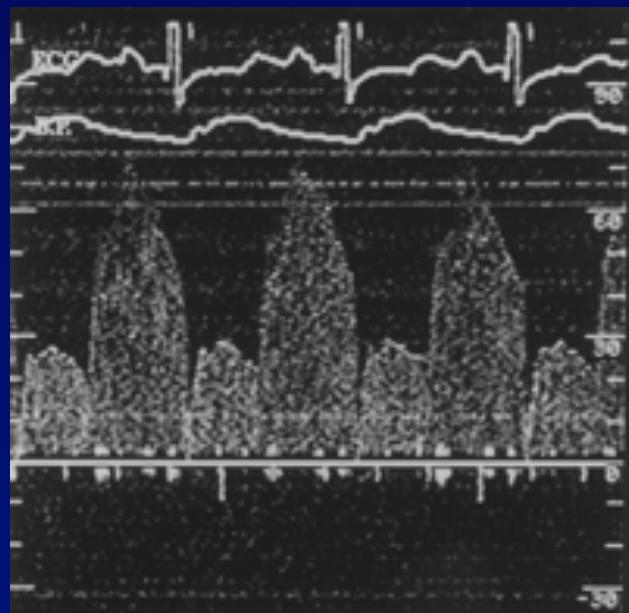
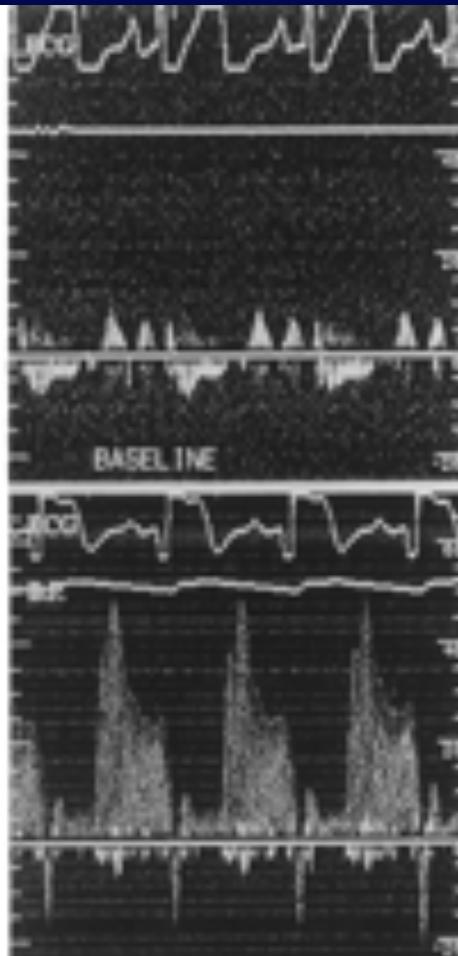
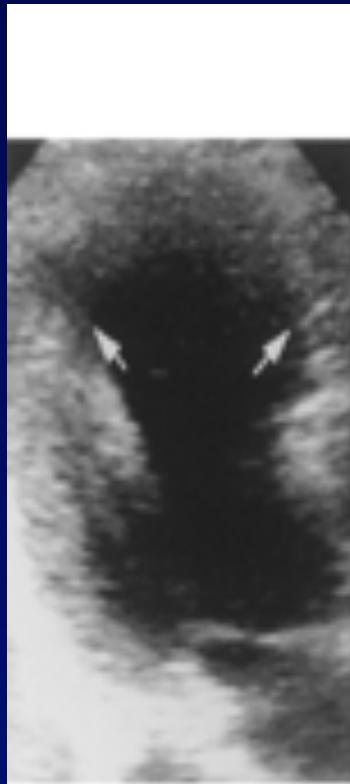


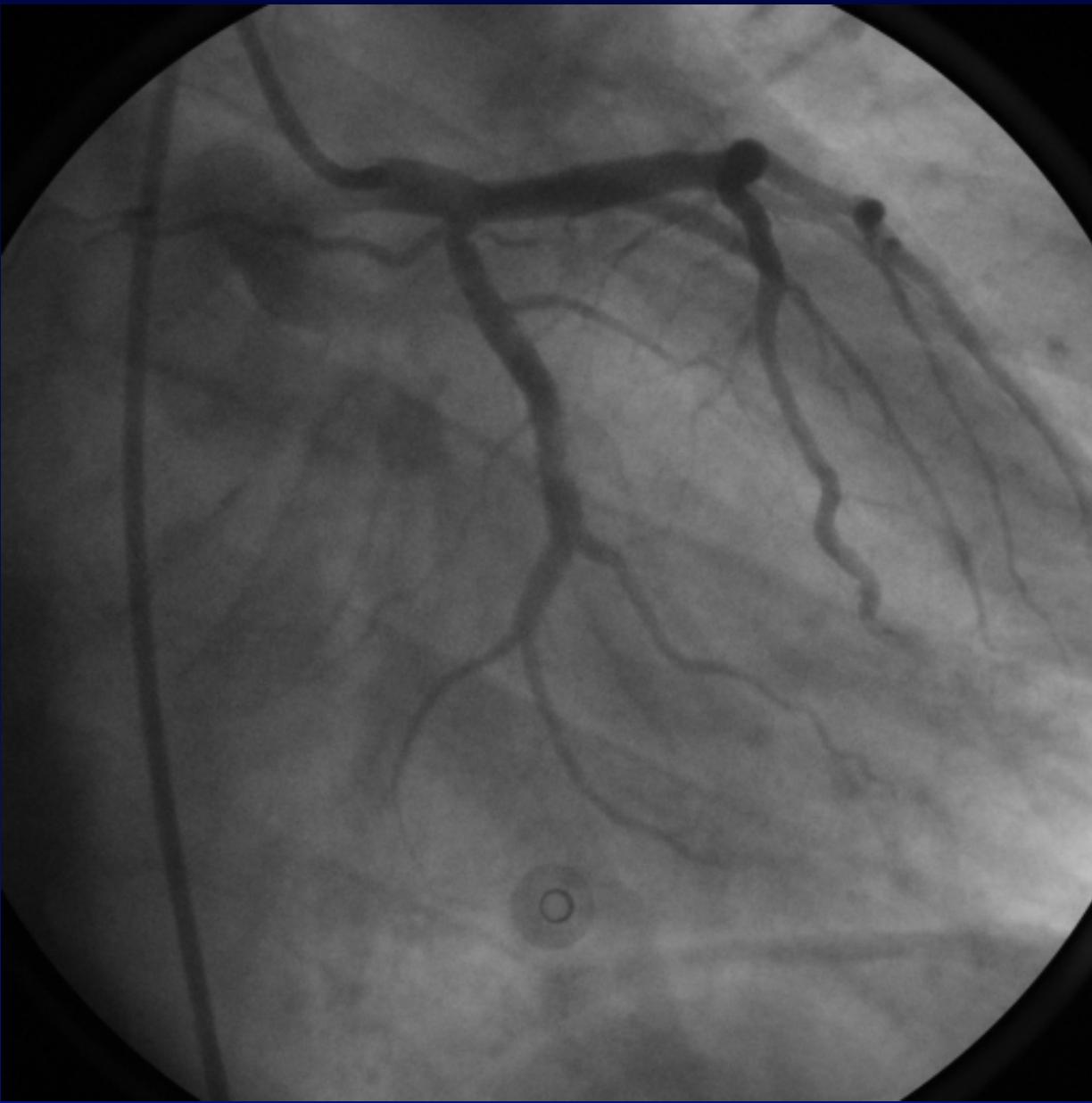
*MCE at 15' after reperfusion before (A) and during (B) i.v. infusion of adenosine*

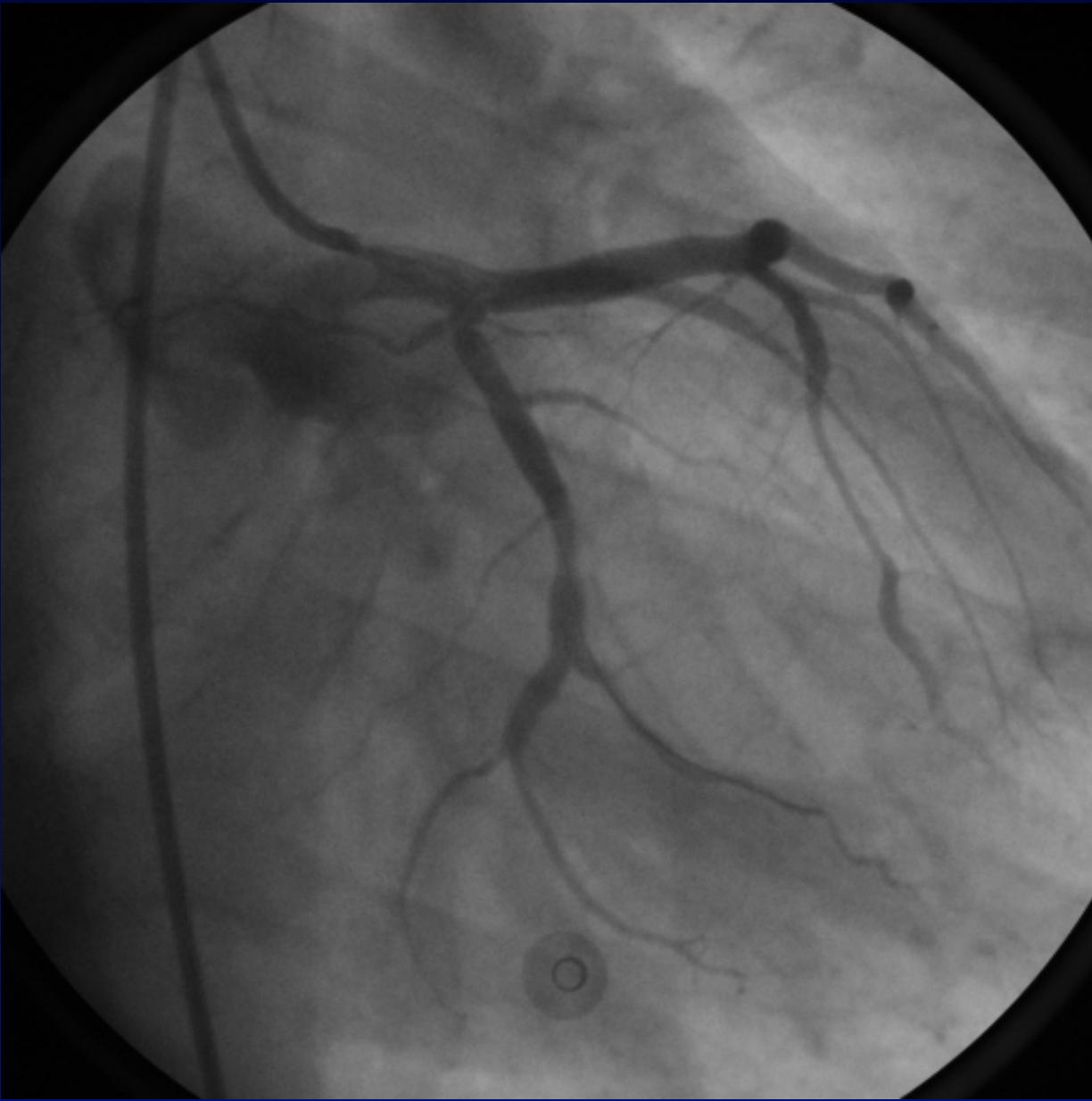




*Integrated MCE and Doppler flow  
in reperfusion of anterior AMI*

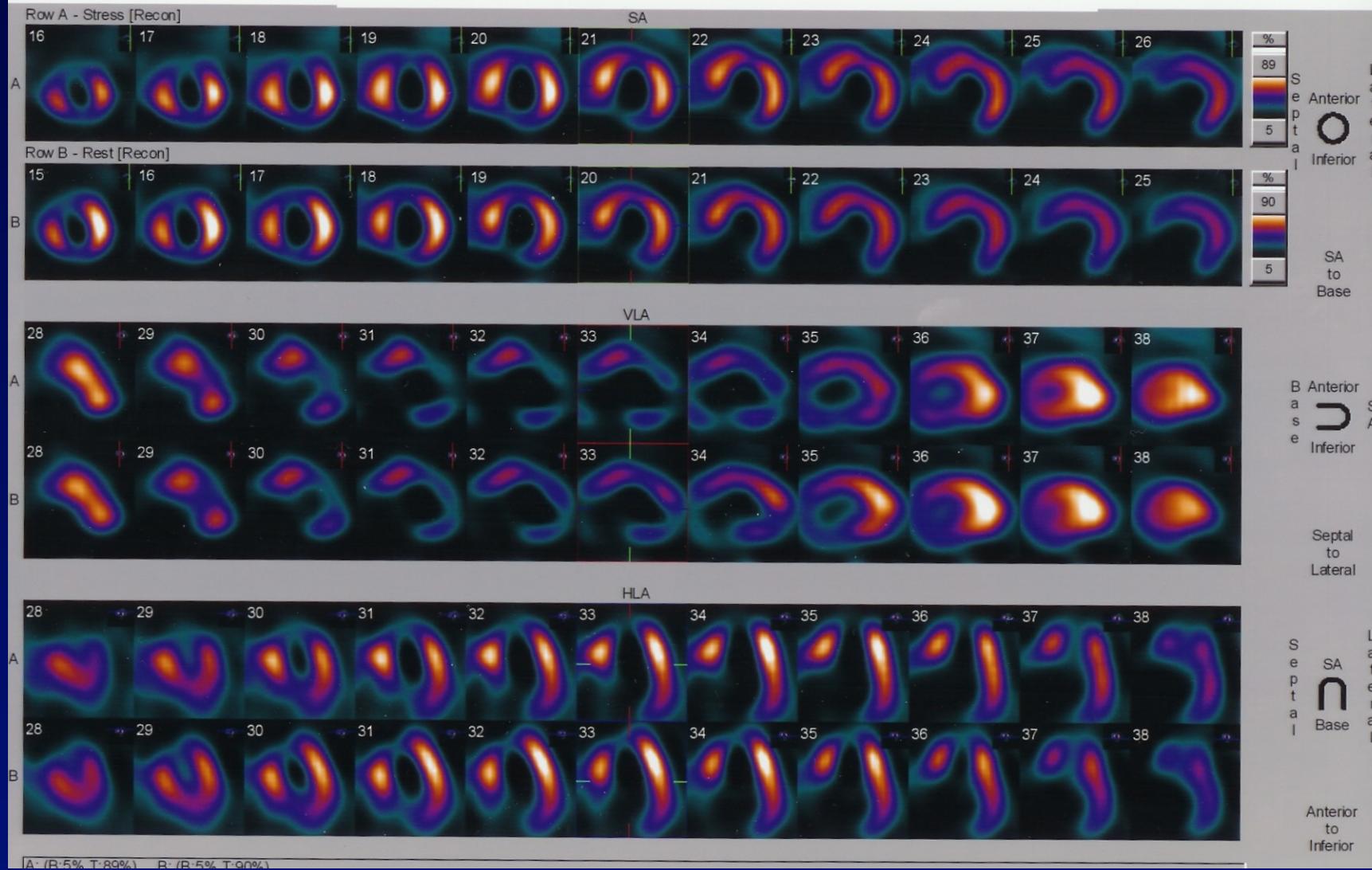






**588/05**  
Study Name: Scintigrafia Miocardica

Study Date: 1/25/2005



STUDY: Scintigrafia Miocardica STUDY DATE: 1/25/2005

SAVESCREEN QPS: Results 2/2/2005

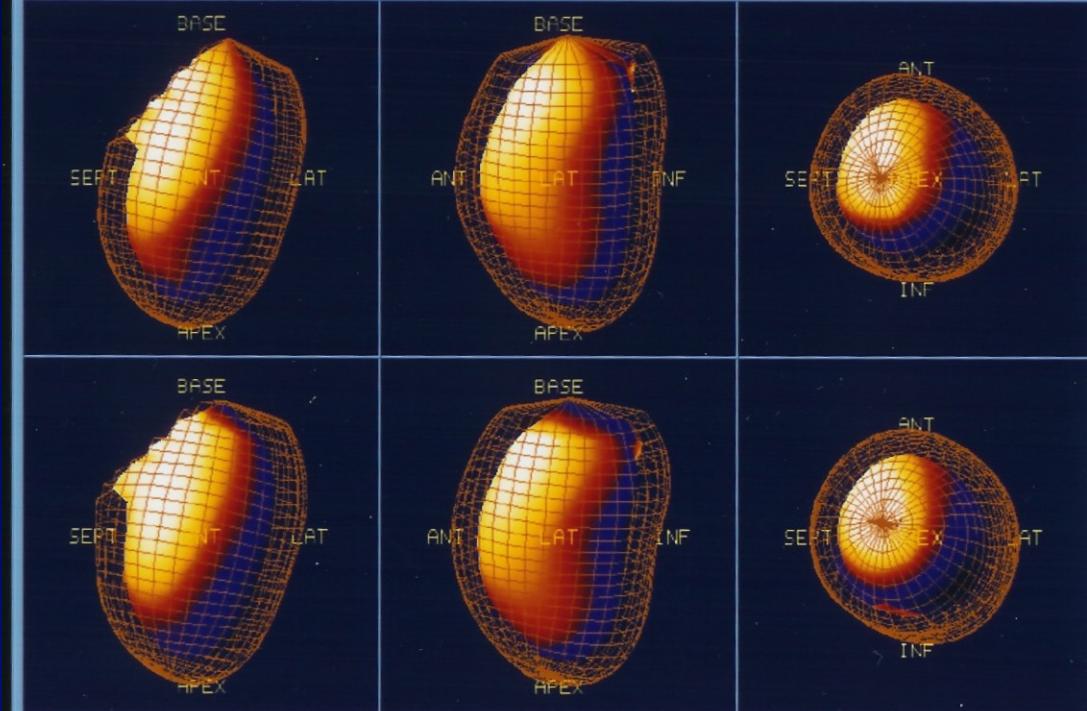
Exit Process Reset Manual Dual Raw Slice Surface Splash Views Results More Database | Limits Score Defaults Save Save Screen Movie About

Exam CERRETTI SILVANO - Stress [Recon]-0001

15 / 24

Label Box Spin Surface Bath Grid None Scale 1.0 Rate 20

BASE BASE



Name CERRETTI^SILVANO  
Pat ID 588/05  
Sex MALE  
Limits A:SepdualMale  
SSS 25 SBS 17 SDS 8

Study	NM-Scintigrafia Miocárdica
Dataset	Stress [Recon]-0001
Date	01/27/2005 12:44:05
Volume	199ml
Area	199cm <sup>2</sup>
Defect	67cm <sup>2</sup>
Extent	34%

Study	NM-Scintigrafia Miocá
Dataset	Rest [Recon]-0001
Date	01/25/2005 12:26:04
Volume	200ml
Area	197 cm <sup>2</sup>
Defect	58cm <sup>2</sup>
Extent	2%



## STUDY: Scintigrafia Miocardica STUDY DATE: 1/25/2005

## SAVESCREEN QGS: Results 2/2/2005

