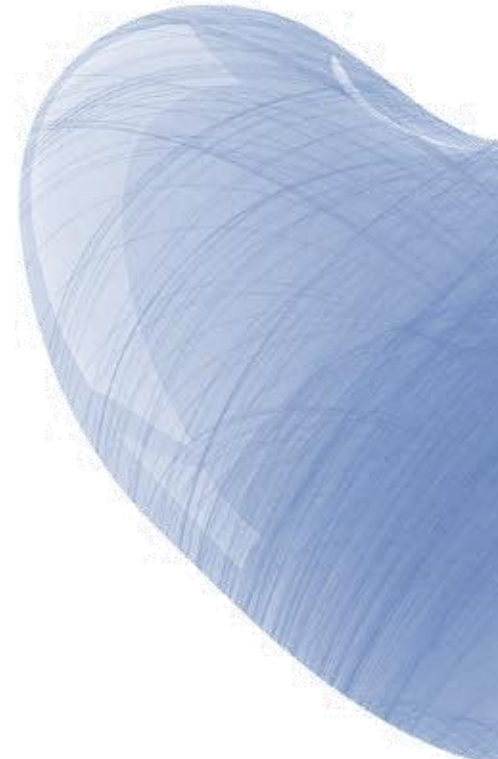
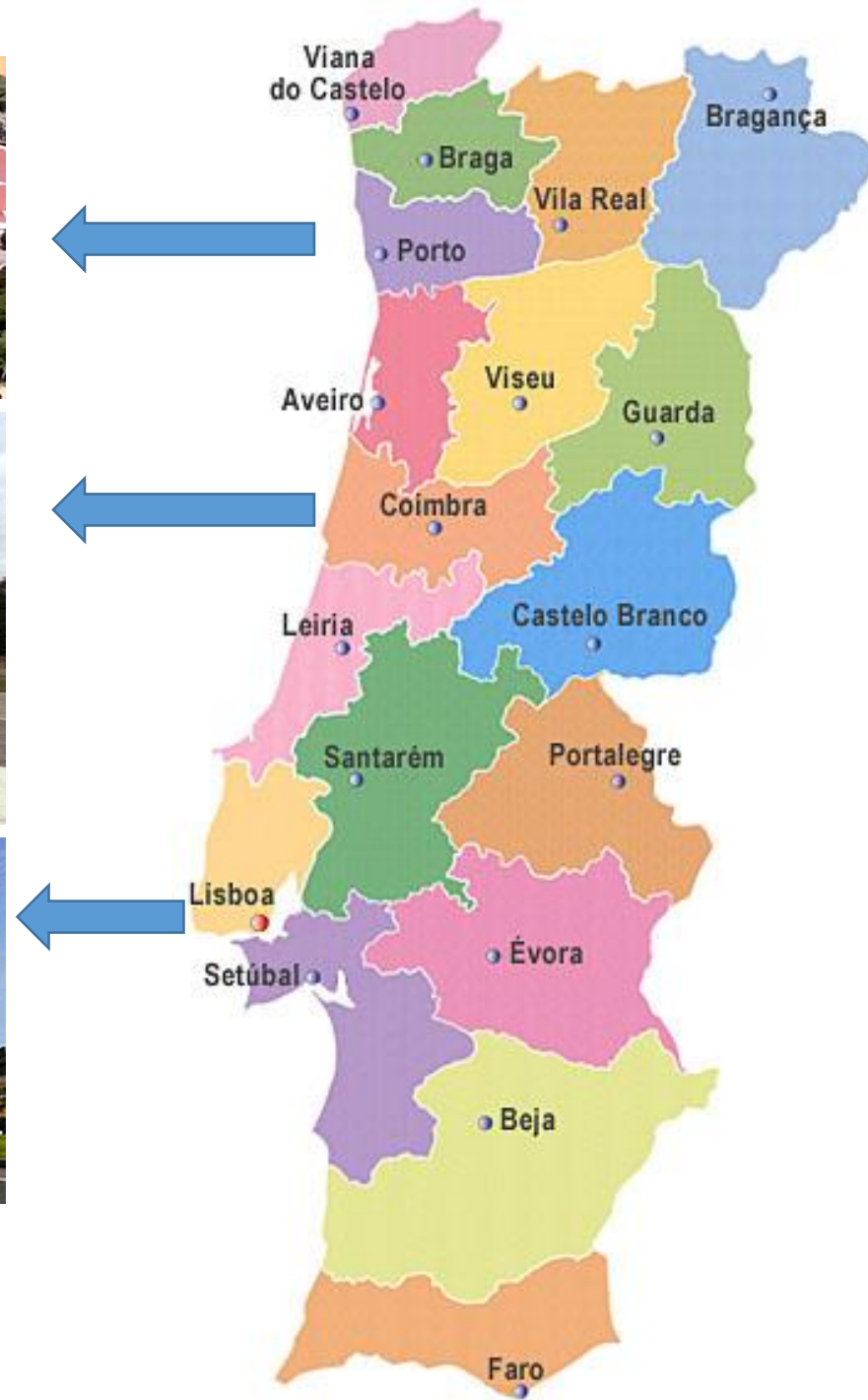


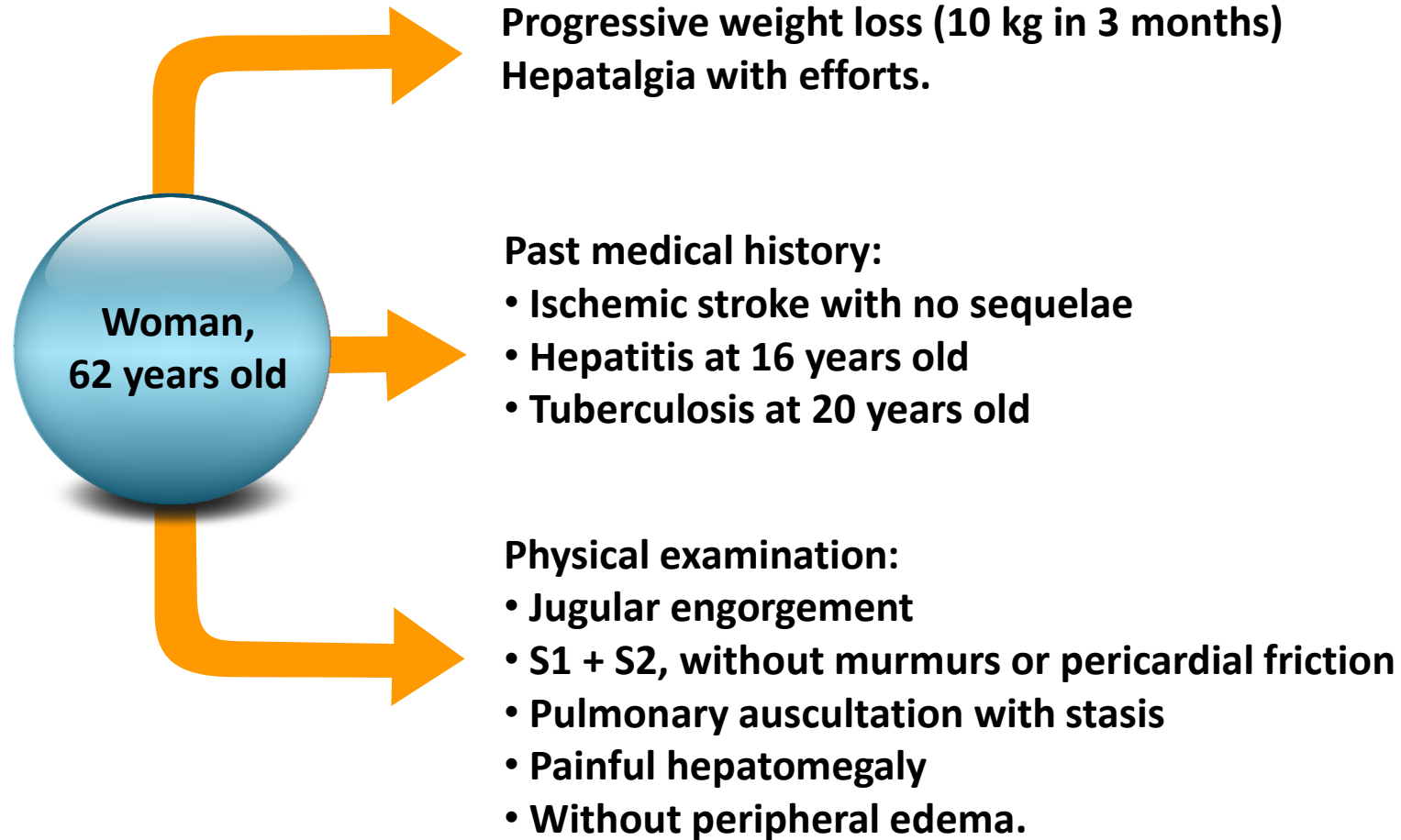


Concretio Cordis

Portuguese Case



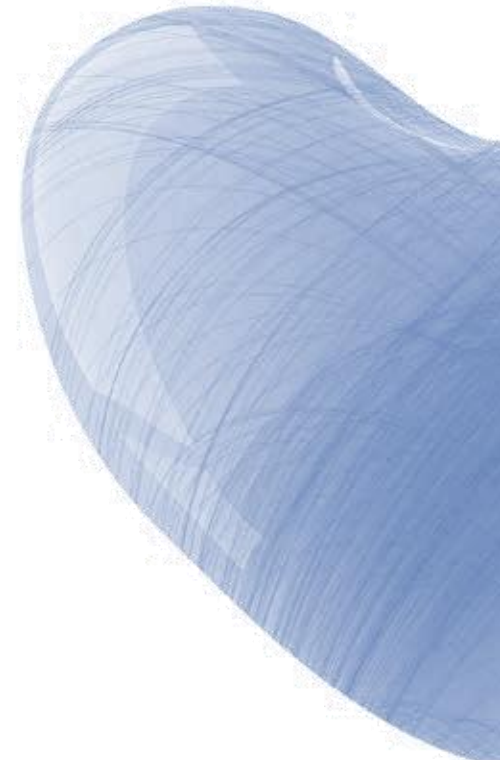
Clinical Presentation



What diagnosis
would you
propose?

What clinical exams do you propose?

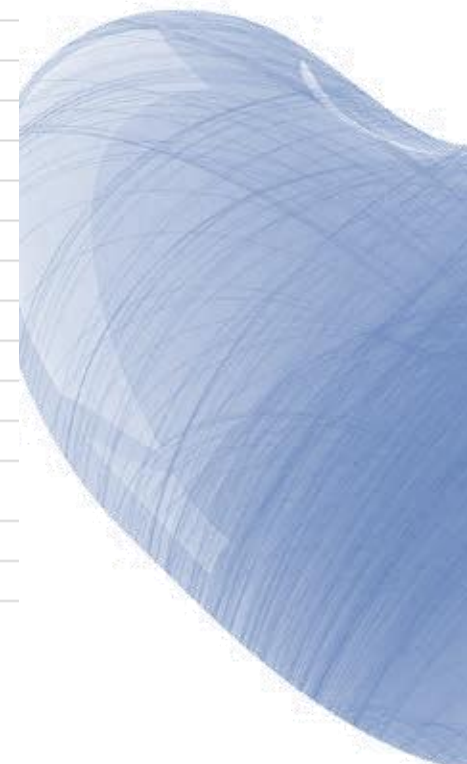
What would you do next?



Blood Tests

	Reference range	Result
ERITROCITOS	☐ (3.90 - 5.00) x10 ¹² /L	▲ 4,13
HEMOGLOBINA	☐ (12.0 - 16.0) g/dL	▲ 12,4
HEMATOCRITO	☐ (36.0 - 46.0) %	▲ 37,3
Gl. Glob. Médio (VGM)	☐ (80 - 100) fL	▲ 90
Gl. Glob. Média (HGM)	☐ (26 - 34) pg	▲ 30
Gl. Glob. Média (CHGM)	☐ (32 - 36) g/dL	▲ 33
Índice distrib. eritrocit.)	☐ (11.5 - 14.5) %	▲ 14,4
PLAQUETAS - Leucograma		
LEUCOCITOS	☐ (4.0 - 10.0) x10	▲ 4,8
Neutrófilos	☐ (1.50 - 7.50) %	▲ 68.1 (3.27)
Eosinófilos	☐ (< 0.40) %	▲ 2.4 (0.12)
Basófilos	☐ (< 0.15) %	▲ 0.7 (0.03)
Linfócitos	☐ (1.20 - 4.00) %	▲ 23.3 (1.12)
Monócitos	☐ (0.10 - 0.80) %	▲ 5.5 (0.26)
serv. ao leucograma:	☐	▲
PLAQUETAS - Hematologia Geral		
QUANTIDADE DE PLAQUETAS	☐ (150 - 400) «e9_2»	▲ 170
Vel. de Sedimentação	☐ (< 30) mm/h	▲ 33 H
TESTES DE COAGULAÇÃO - Coagulação		
TROMBINA (QUICK)	☐ (11.8 - 15.1) seg.	▲ 14,9
Taxa:	☐ (70 - 134) %	▲ 59 L
INR	☐ ((variavel com patologia))	▲ 1,33 ▲
Tempo de Tromb. Parcial	☐ (29.0 - 40.2) seg.	▲ 38,1

	Reference range	Result
UREIA	☐ (21 - 43) mg/dL	▲ 34
(Creatinina sérica:	☐ (0.60 - 1.00) mg/dL	▲ 0,74
ÁCIDO ÚRICO	☐ (2.5 - 6.0) mg/dL	▲ 2,8
PROTEÍNAS TOTAIS	☐ (6.4 - 8.2) g/dL	▲ 7,3
ALBUMINA	☐ (3.4 - 4.8) g/dL	▲ 3,6
GOT (AST)	☐ (9 - 37) U/L	▲ 29
GPT (ALT)	☐ (12 - 78) U/L	▲ 22
AMILASE ALCALINA	☐ (50 - 136) U/L	▲ 145 H
GGT	☐ (5 - 55) U/L	▲ 133 H
AMILASE (Lactato Desidrog.)	☐ (81 - 234) U/L	▲ 204
AMILASE (CK / CPK)	☐ (26 - 192) U/L	▲
CK-MB (massa)	☐ (< 5.0) ng/mL	▲
TROPONINA I	☐ (< 0.06) ug/L	▲ <0,02
Pro-BNP	☐ (< 125) pg/mL	▲ 2222 H
AMILASE TOTAL	☐ (25 - 115) U/L	▲
ELÉTRÓLITOS - Eletrolitos		
Sódio (Na):	☐ (136 - 145) mmol/L	▲ 136
Potássio (K):	☐ (3.5 - 5.1) mmol/L	▲ 4,8
Cloro (Cl):	☐ (98 - 107) mmol/L	▲ 101
FÓSFORO INORGÂNICO (P)	☐ (2.5 - 4.9) mg/dL	▲
MAGNÉSIO (Mg)	☐ (1.8 - 2.4) mg/dL	▲
TESTES DE FUNÇÃO RENAL - Função Renal		
UREIA TOTAL E	☐	▲
BILIRRUBINA TOTAL:	☐ (< 1.10) mg/dL	▲ 1,30 H
BILIRRUBINA CONJUGADA:	☐ (< 0.20) mg/dL	▲ 0,50 H

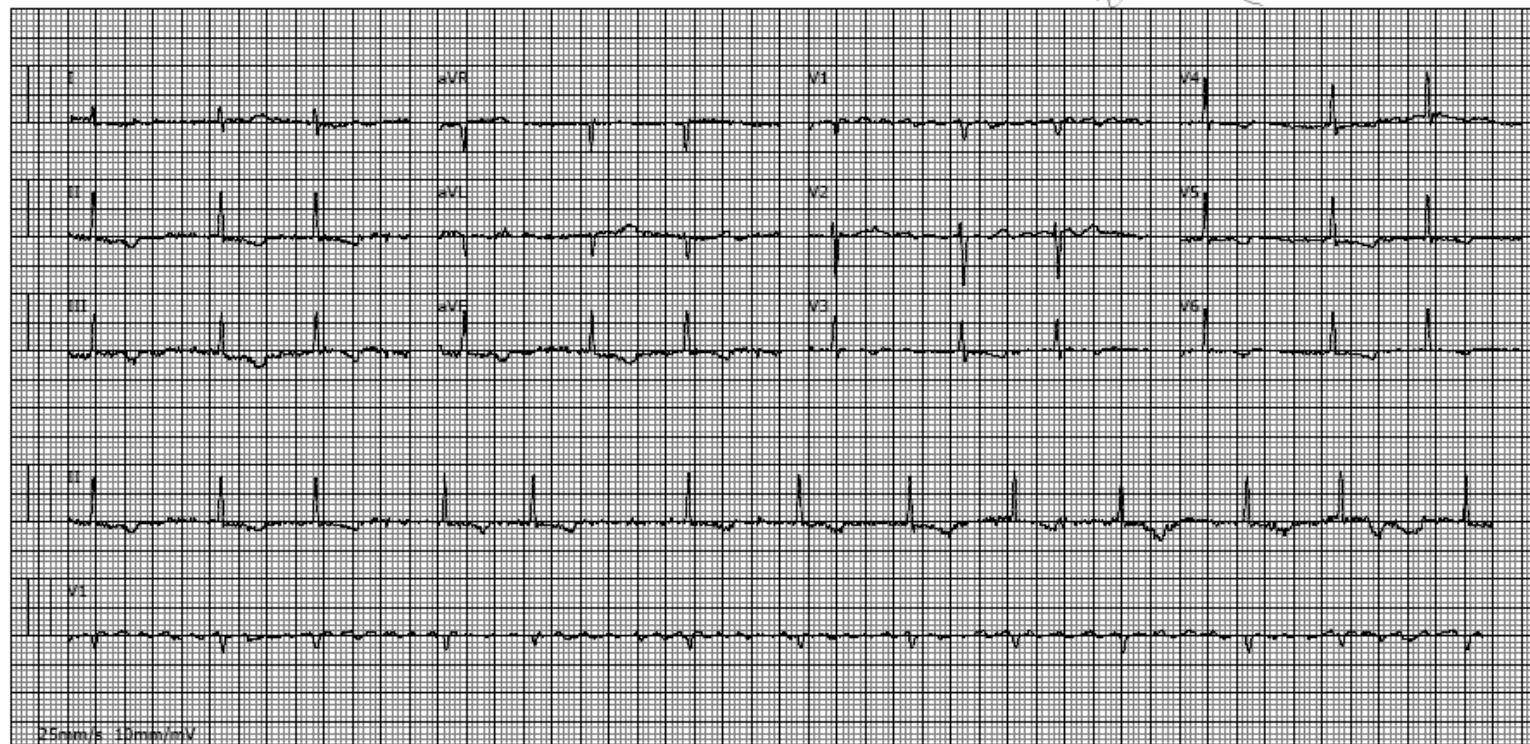


EKG

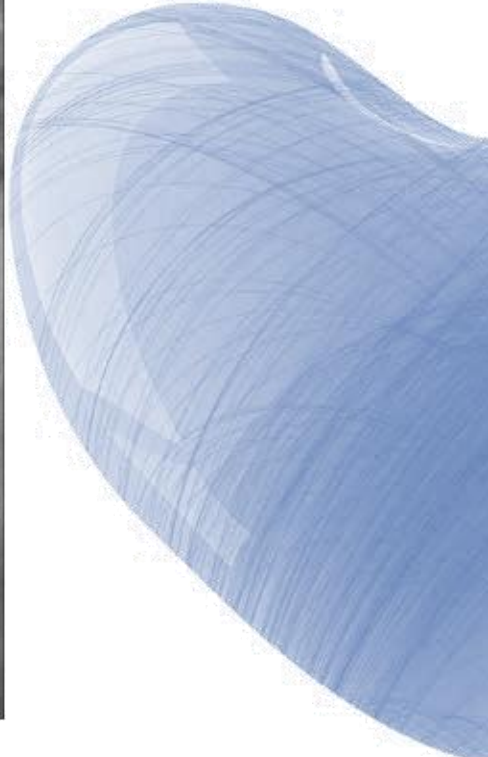
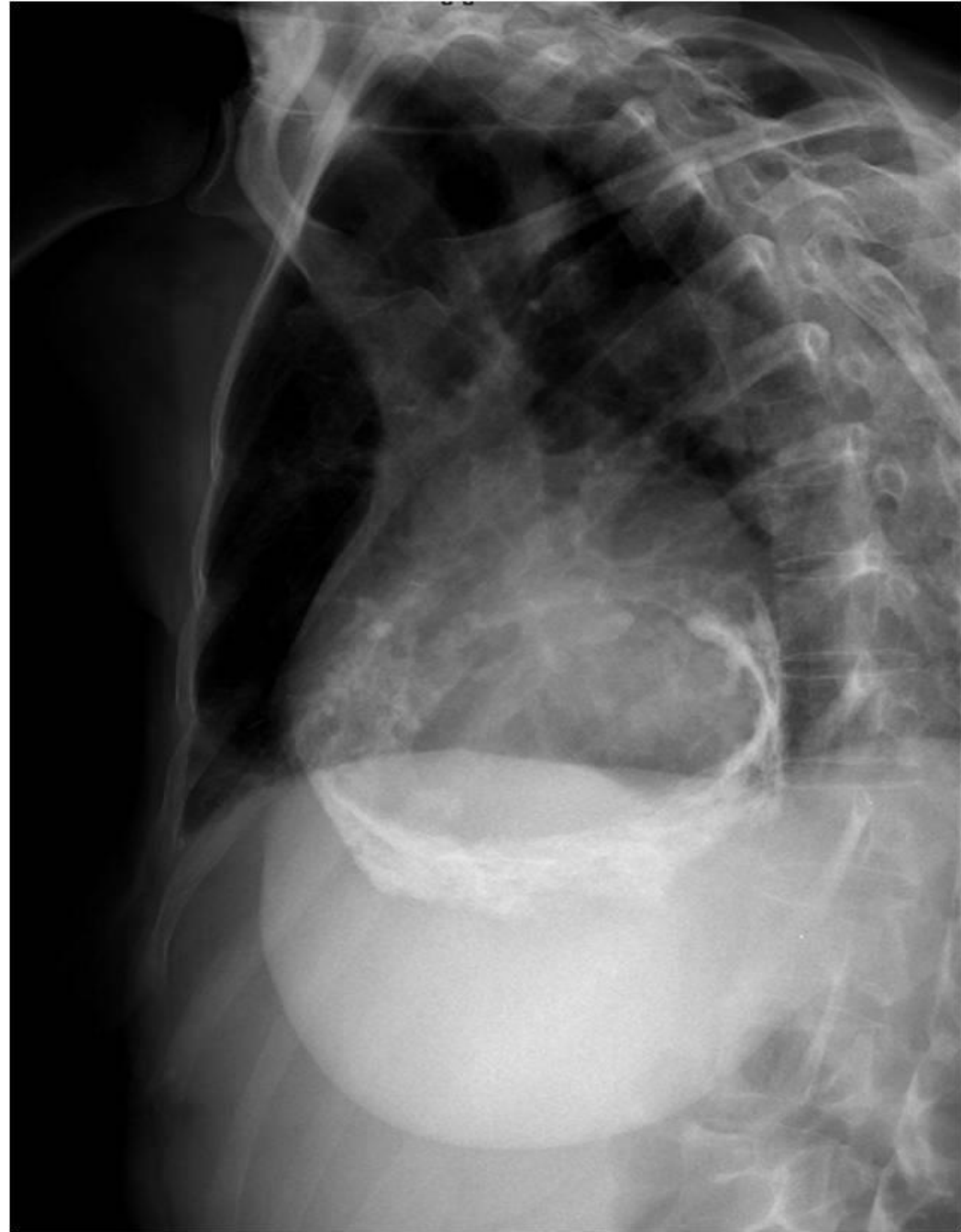


F.C.: 75 bpm
Duração QRS: 81 ms
QT: 374 ms
QTcB: 419 ms
QTcF: 403 ms
Intervalo PQ: -35 ms
Eixo P/QRS/T: 0/87/-87

Atrial fibrillation with ventricular response of 75 bpm.
Non-specific changes in ventricular repolarization

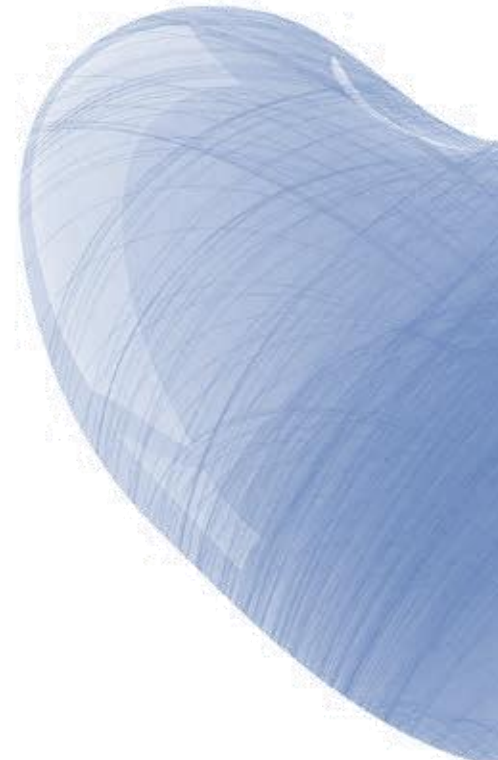


Thorax X-ray

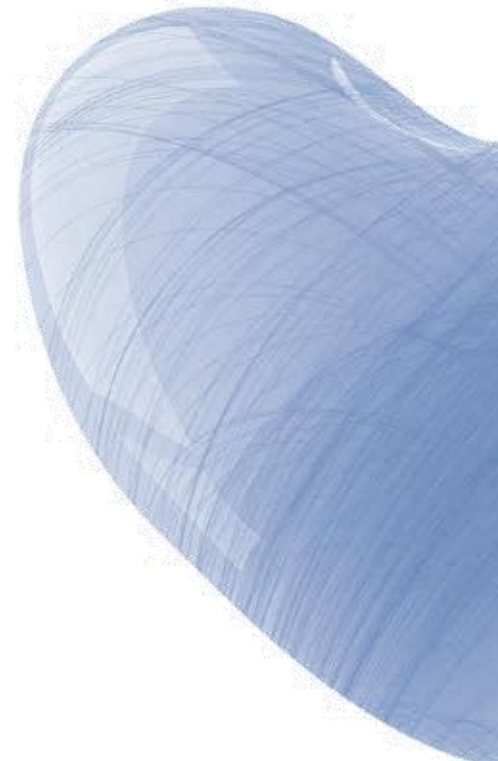
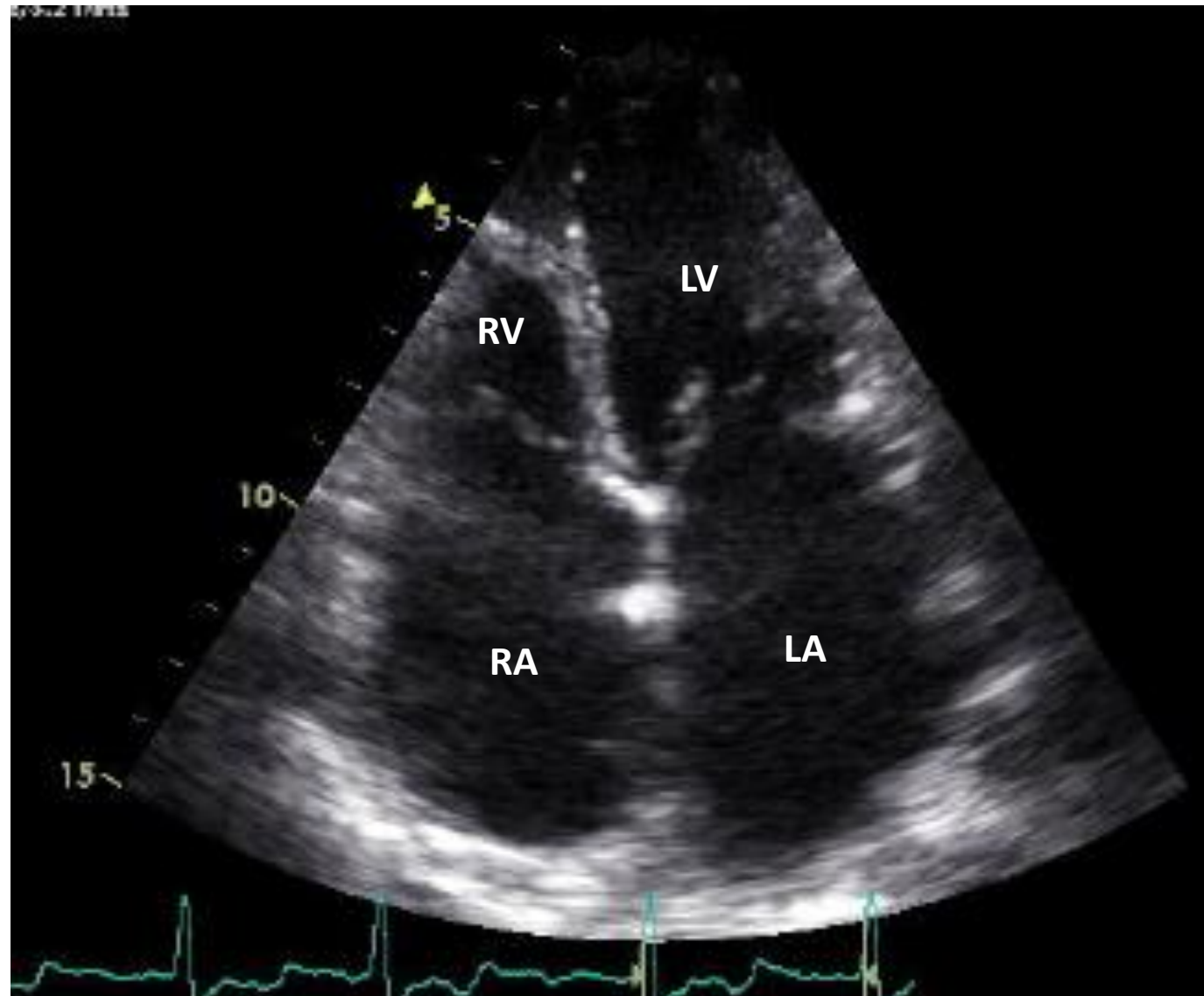


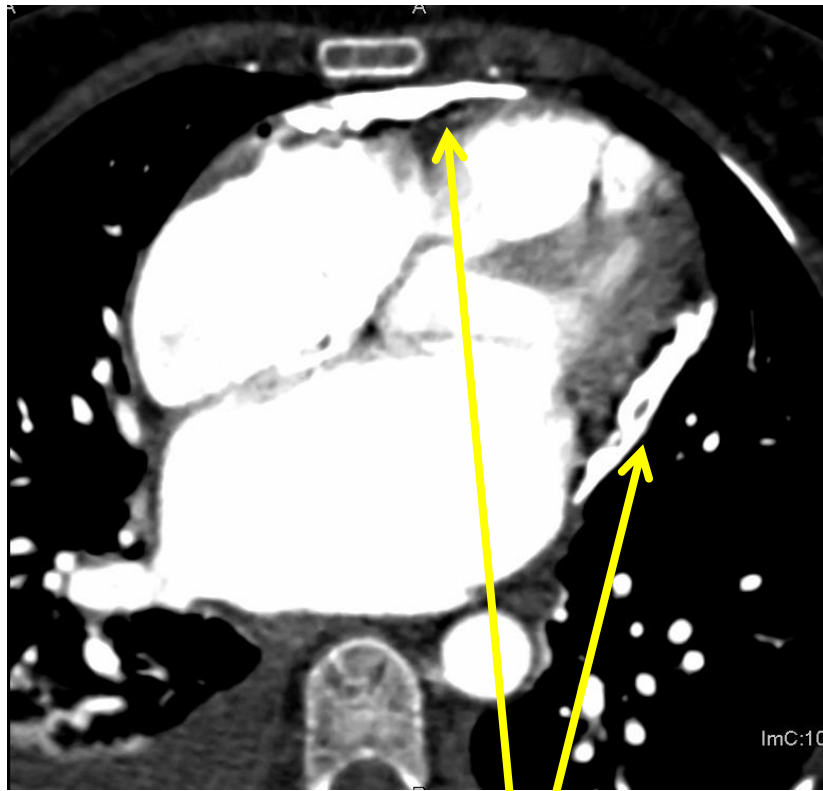
What diagnosis
would you
propose?

What would you do next?

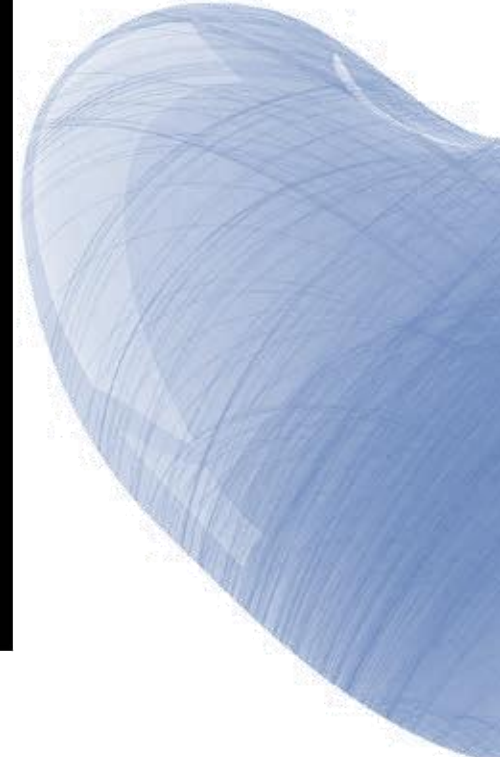
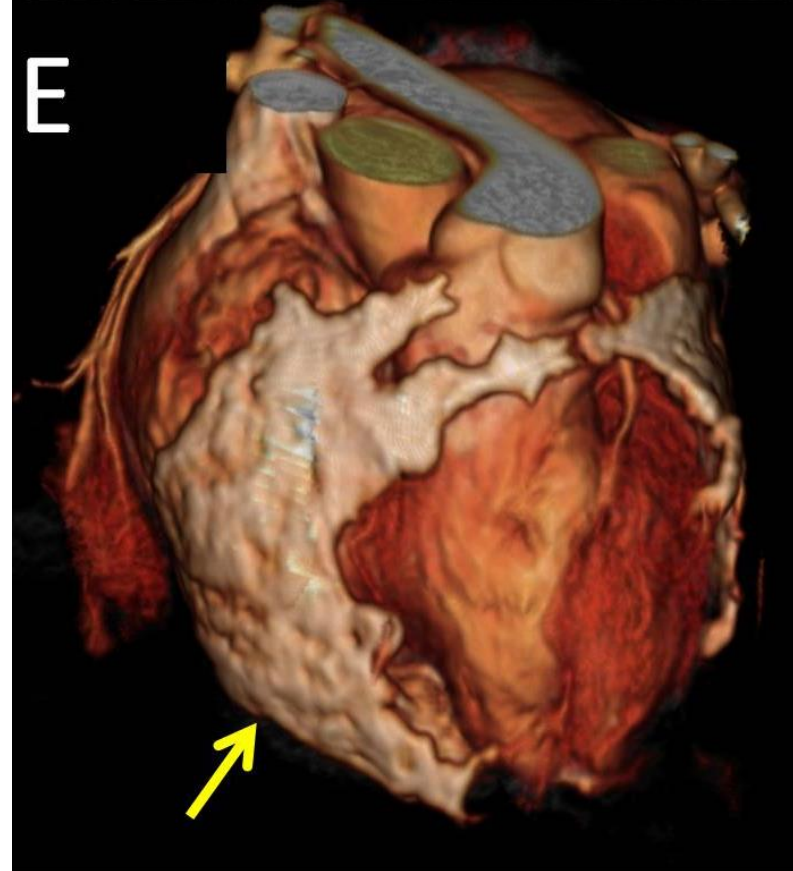
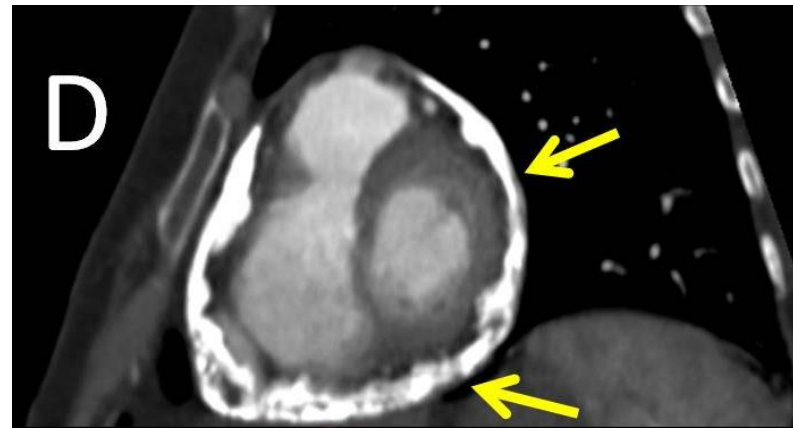


Transthoracic Echocardiogram





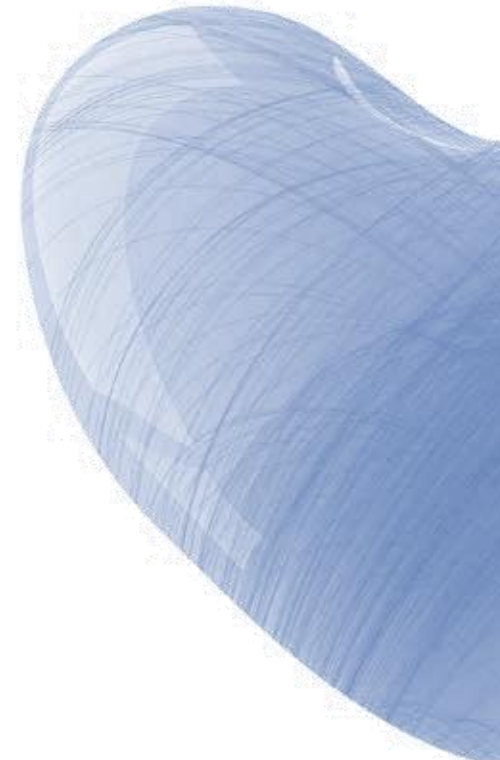
**Pericardium
calcification**



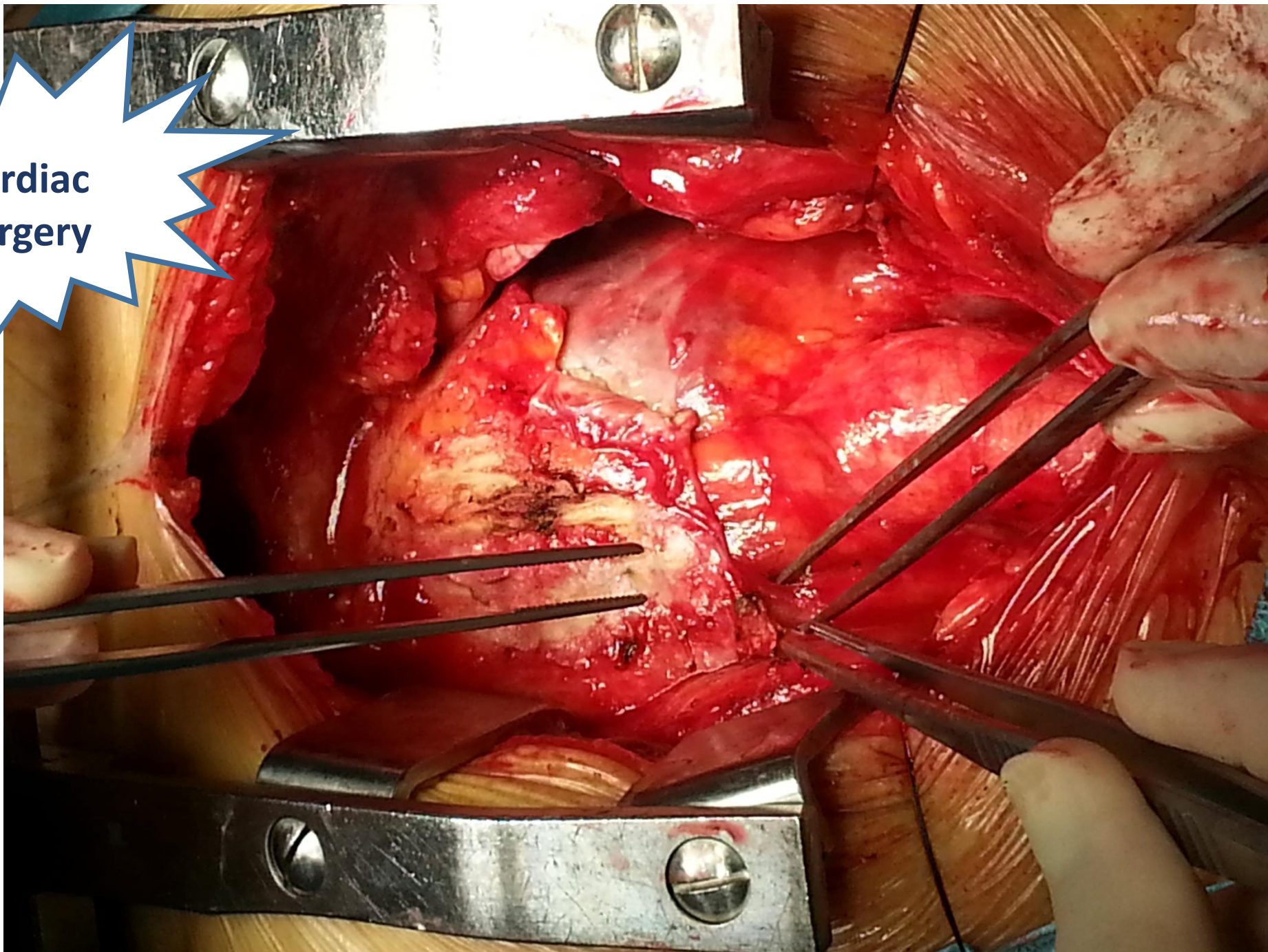
What diagnosis
would you
propose?

How would you treat this patient?

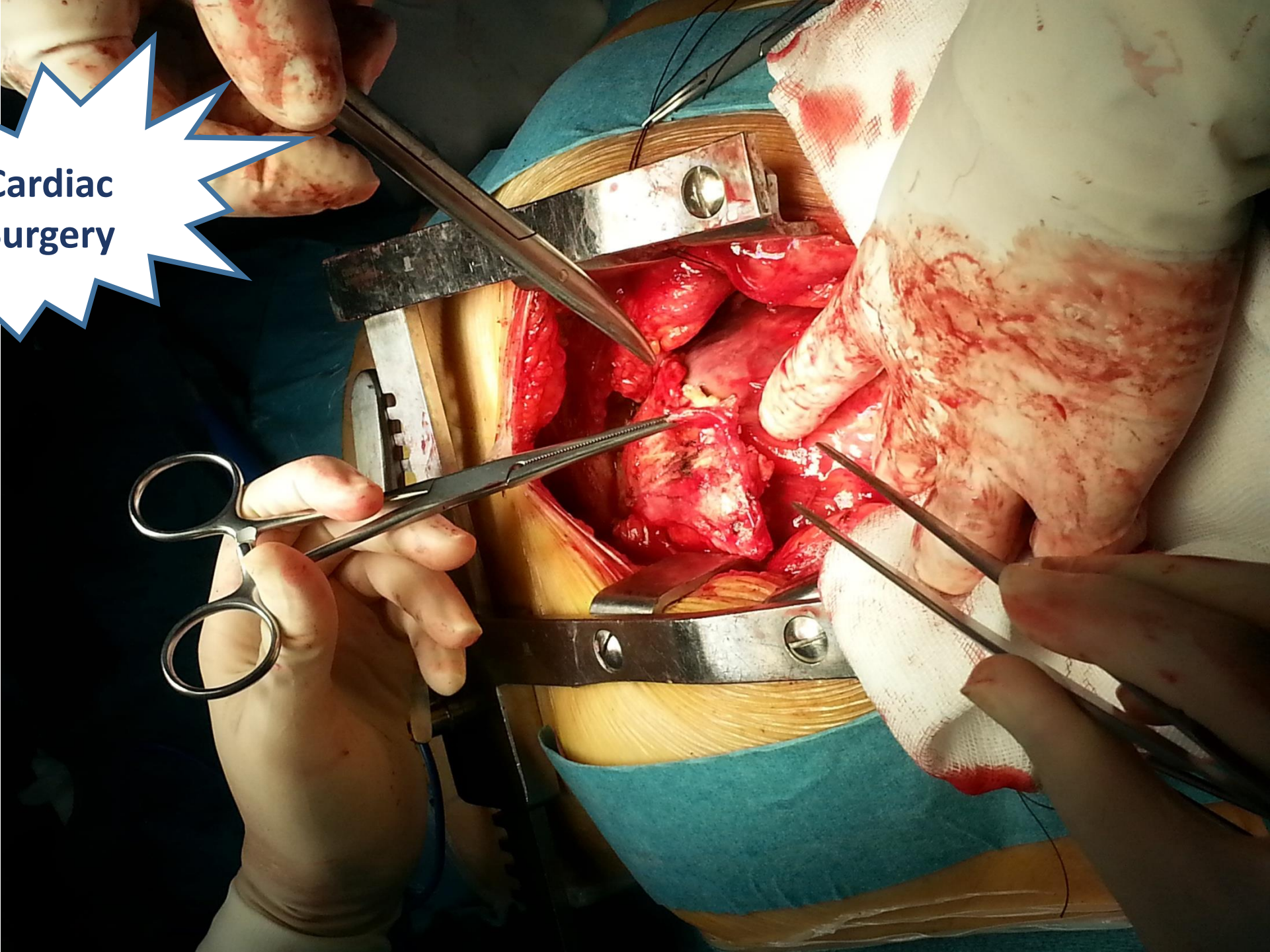
What would you do next?



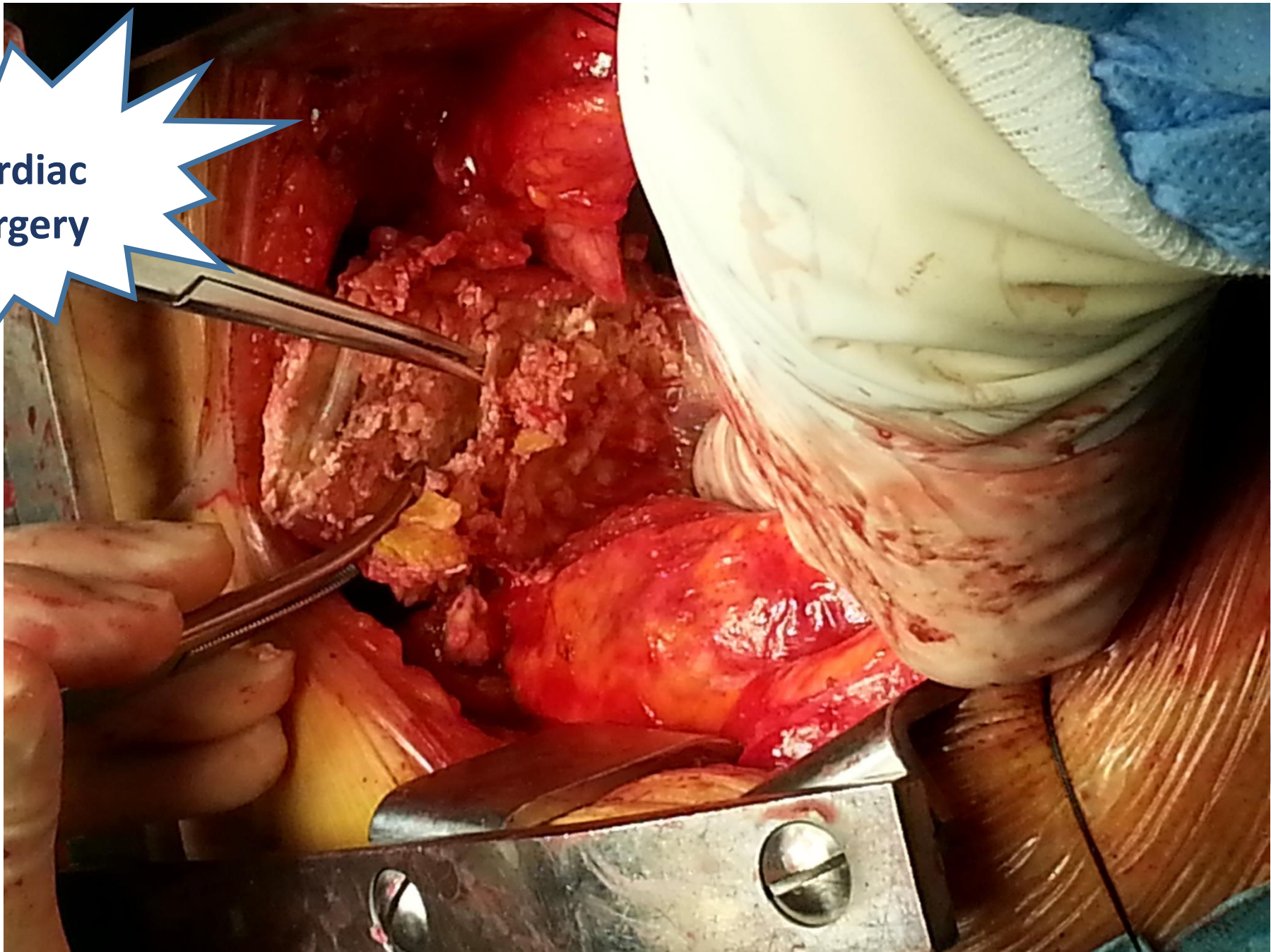
**Cardiac
Surgery**



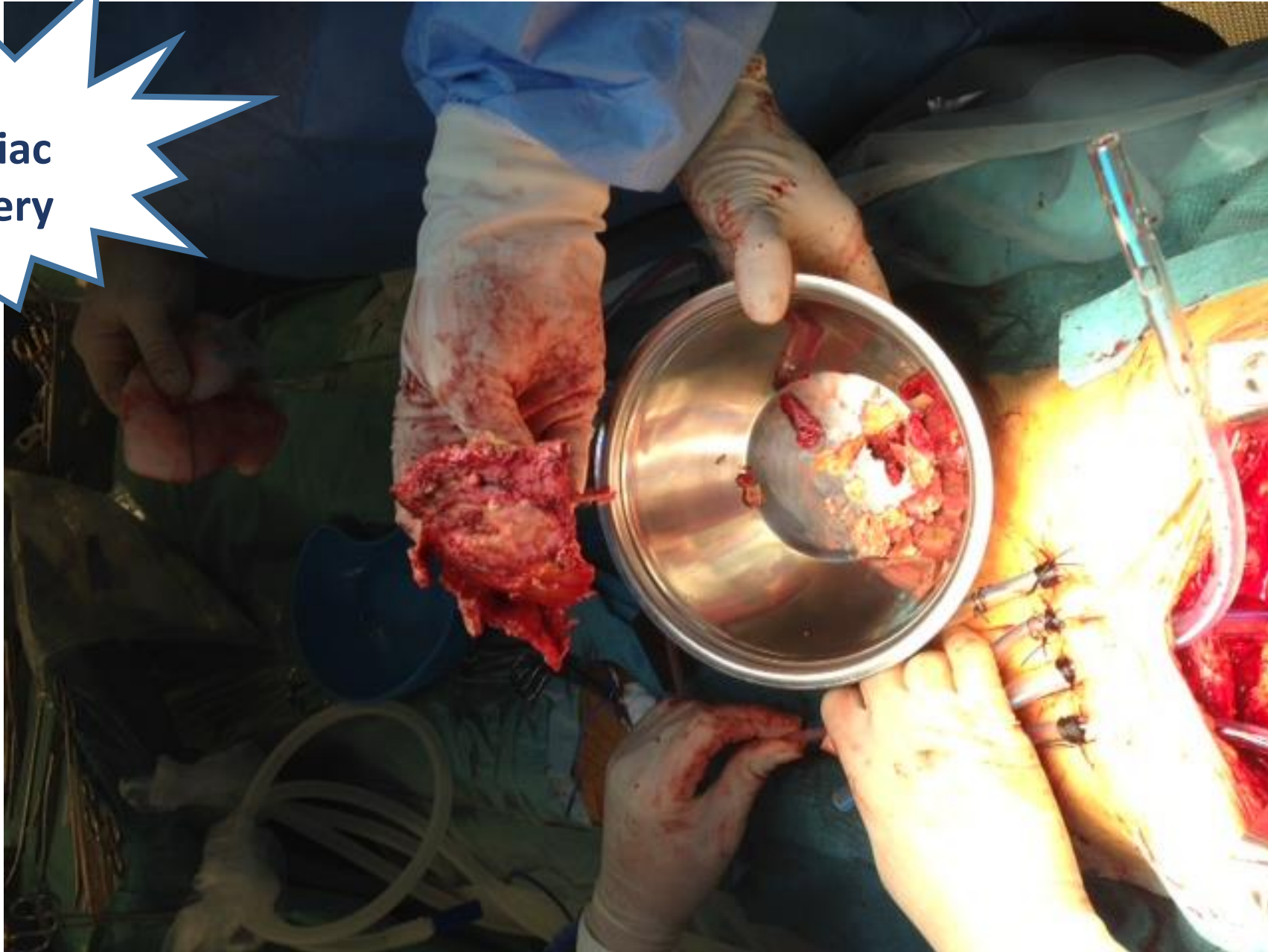
**Cardiac
Surgery**



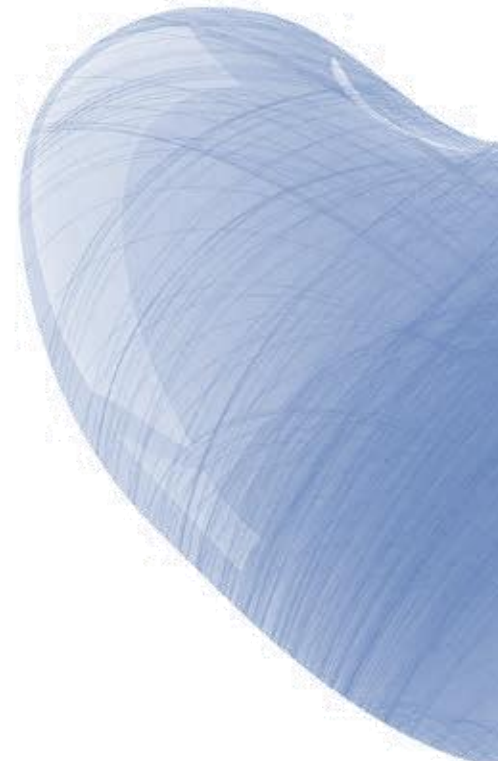
**Cardiac
Surgery**



**Cardiac
Surgery**



After
surgery
X-ray



Bacteriology of Pericardium

BIÓPSIA, EXAME BACTERIOLÓGICO

Ver	Detalhes	Histórico	Notas	Prescrição
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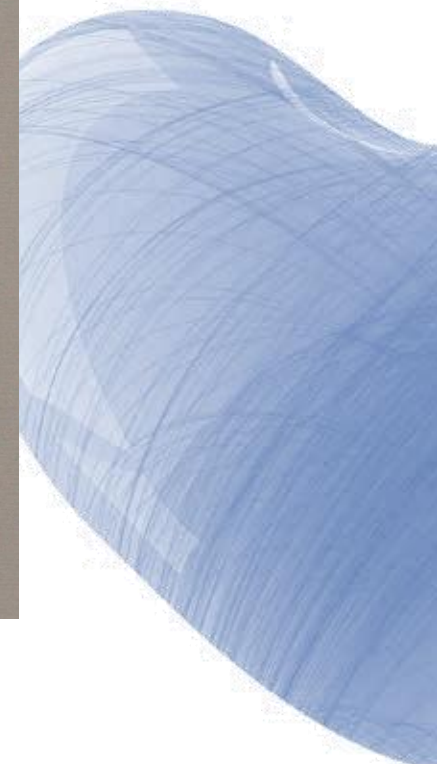
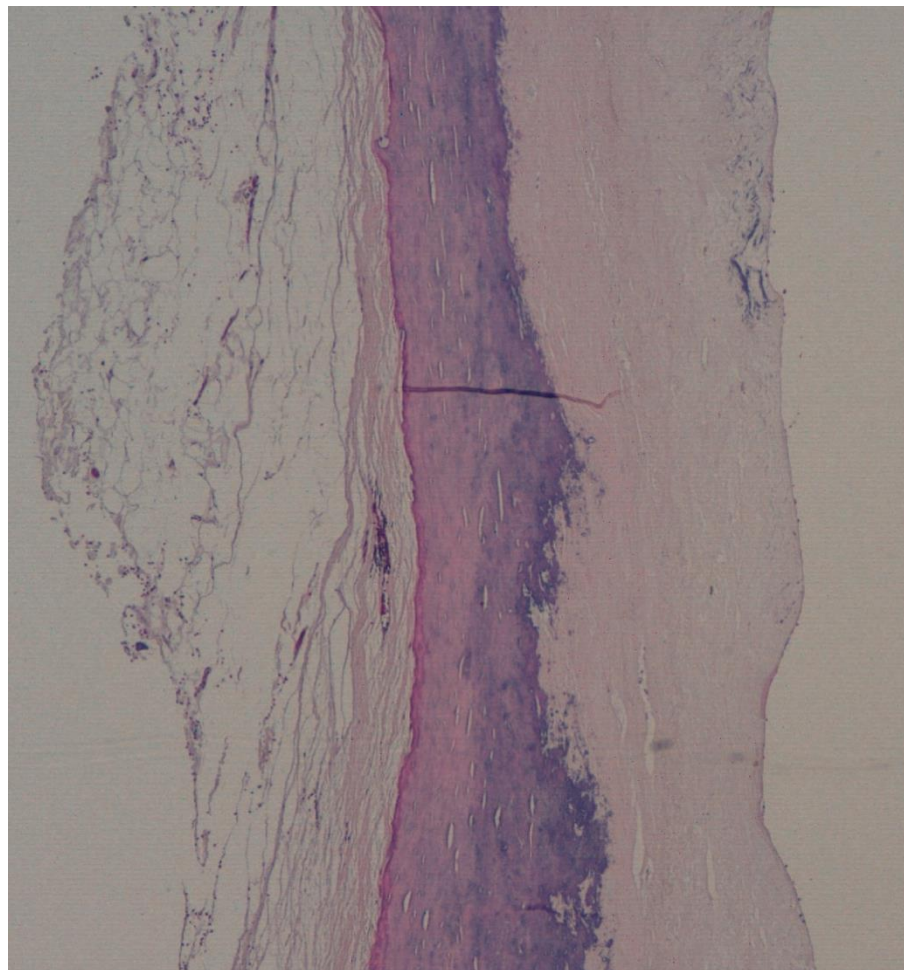
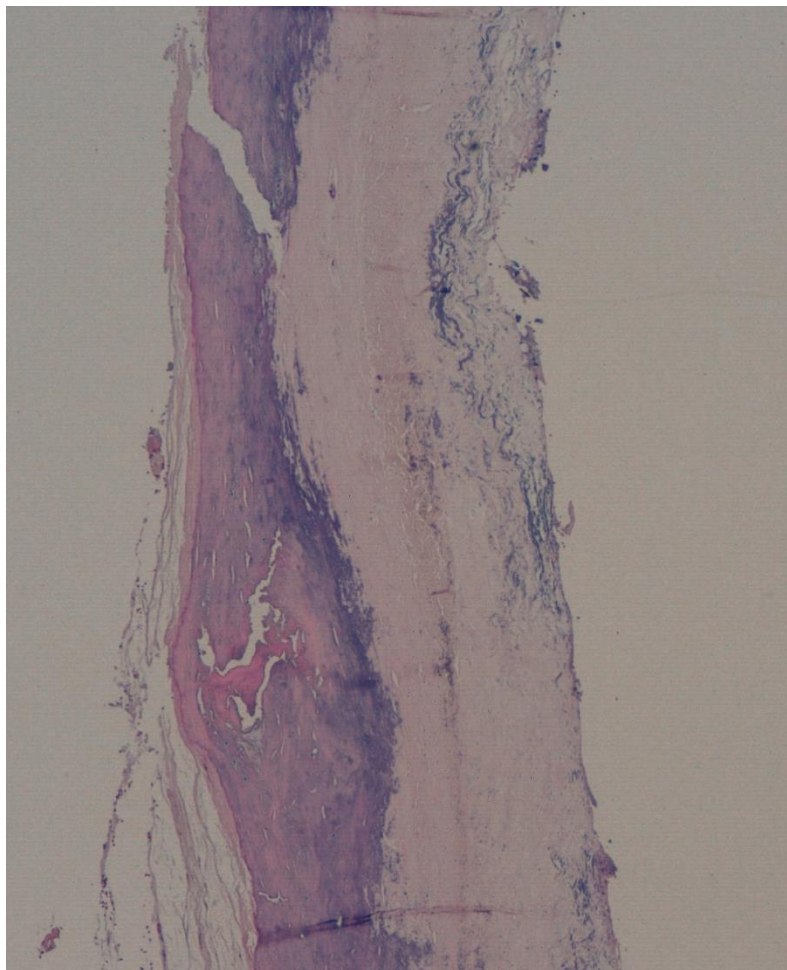
Número da Amostra 350818
Origem da Amostra
Data de Colheita da Amostra 12-07-2013 01:39
Descrição da Amostra

BIÓPSIA, EXAME BACTERIOLÓGICO

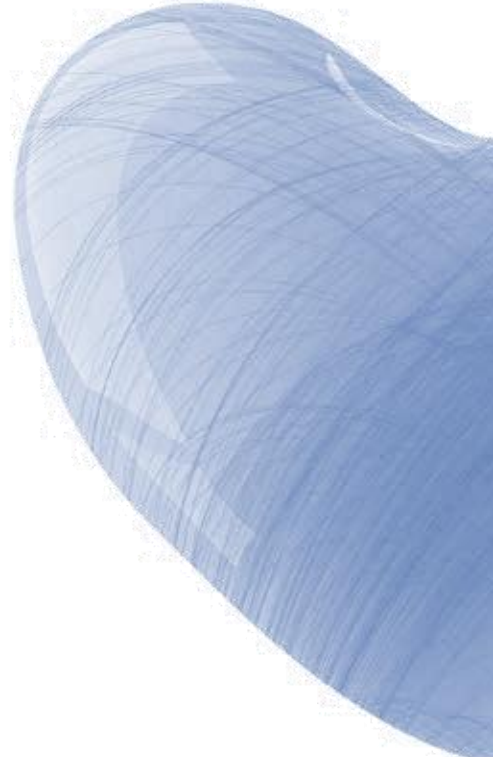
Localização: Pericardio

Resultado: Negativo

Pathology Images

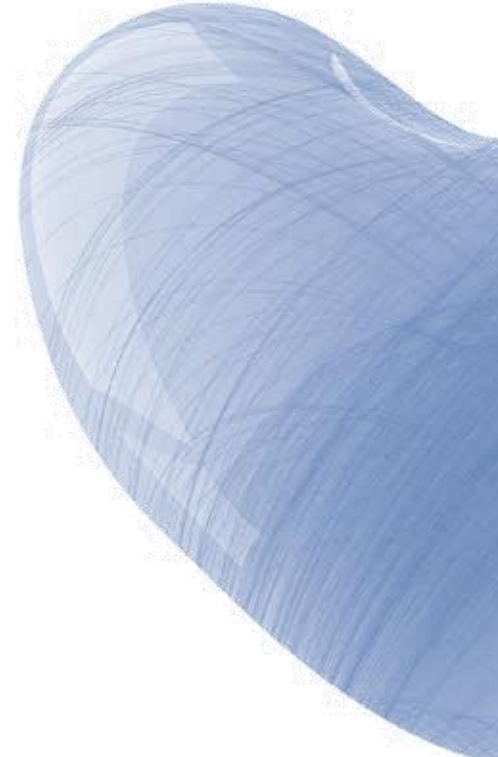
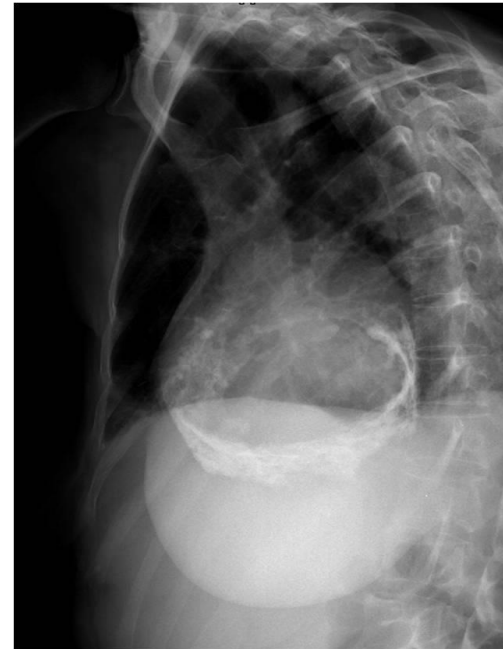


**Final Diagnosis:
Constrictive Pericarditis**



Take Home Message...

Despite new technologies, we should not dismiss the simple and cheaper imaging...Sometimes it can be the clue for our diagnosis





Cardiac Angiography

