

SMART-AMI LHIN IV Project

Date of Event: November 7, 2010

Hospital of Presentation: St. Joseph's Hospital

Patient Demographics:

Age: 54 ID: 04202

STEMI ID Form Received:

Yes

Reason for Referral: Primary PCI

Actual Procedure Performed: Primary PCI

Location of Infarct: Inferior

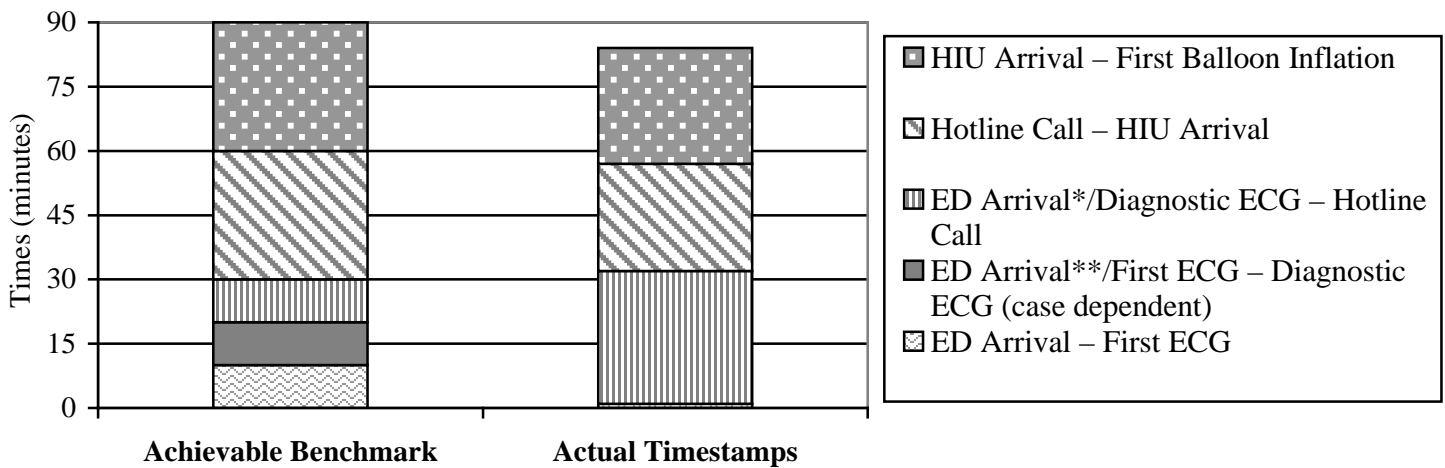
Killip Class (I-IV): I

Patient Presentation (EMS/Self): Self

First ECG done in ambulance? n/a

Time Stamps:

Door to Balloon Time Analysis



Element	Time	Benchmark (Only applicable to Primary PCI referrals)	Achievement
Symptom Onset	19:30		
ED Arrival	20:28		
Ambulance ECG	n/a		
First Hospital ECG	20:29	Within 10 min of ED Arrival	1 min
Diagnostic ECG	20:29		
Hotline Call/Cath Lab Team Activated	21:00	Within 10 min of Diagnostic ECG or ED Arrival*	31 min
Arrival in Cath Lab	21:25	Within 30-60 min of Hotline Call	25 min
First Device Use/End of Procedure if Cath Only	21:52	Within 30 min of Arrival in Cath Lab	27 min
		Within 120 min of ED Arrival for PCI	84 min

*Applicable if ambulance ECG is the diagnostic ECG

**Applicable if ambulance ECG and is not the diagnostic ECG

Additional Comments:

Coronary Anatomy: 100% occlusion in the second obtuse marginal branch of the circumflex artery

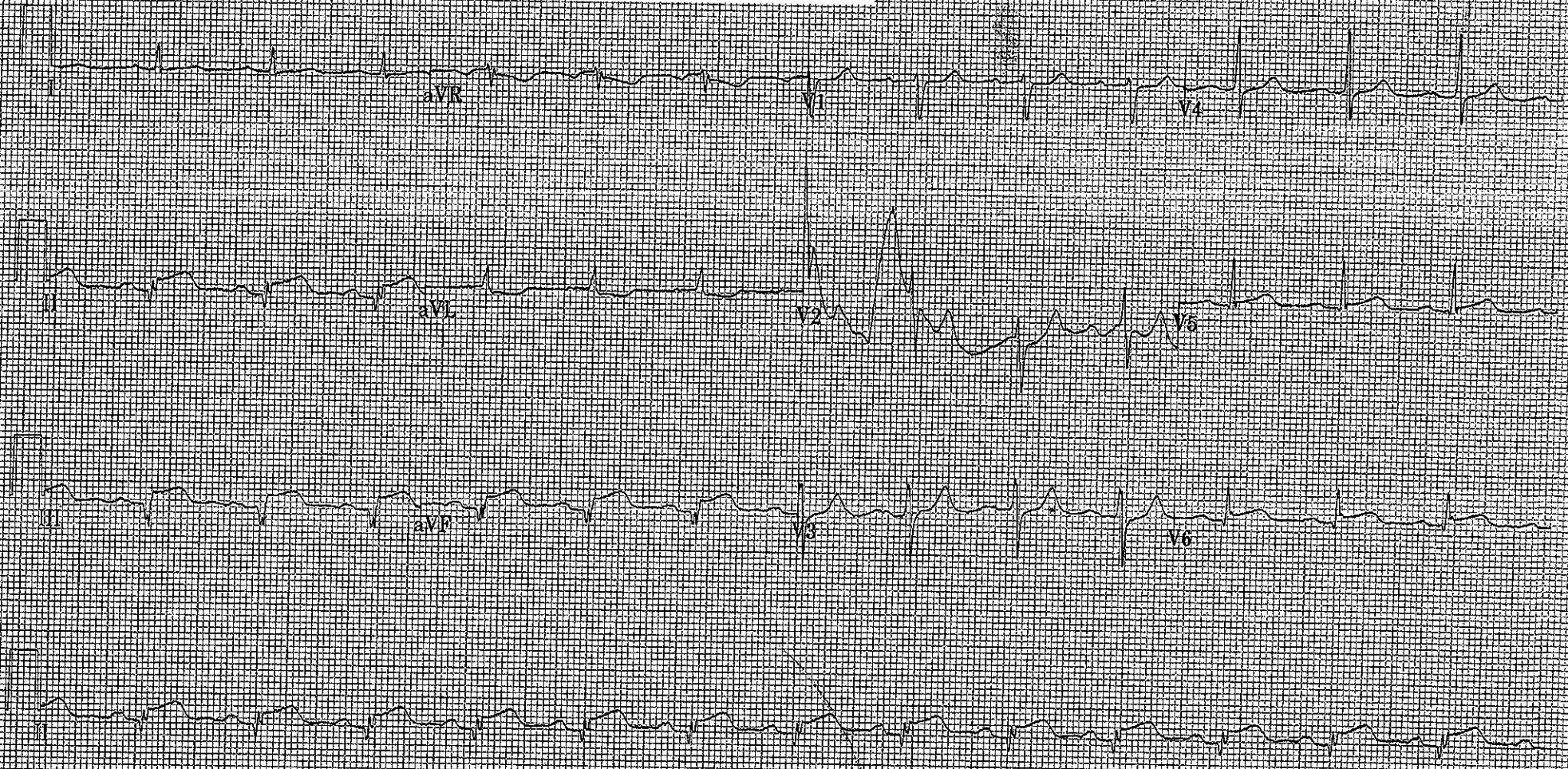
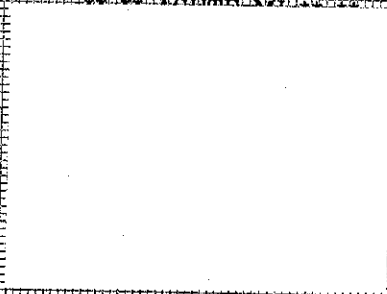
Cardiac Intervention: 1 bare metal stent inserted to the second obtuse marginal branch

Patient Disposition: pt transferred back to CCU for further care

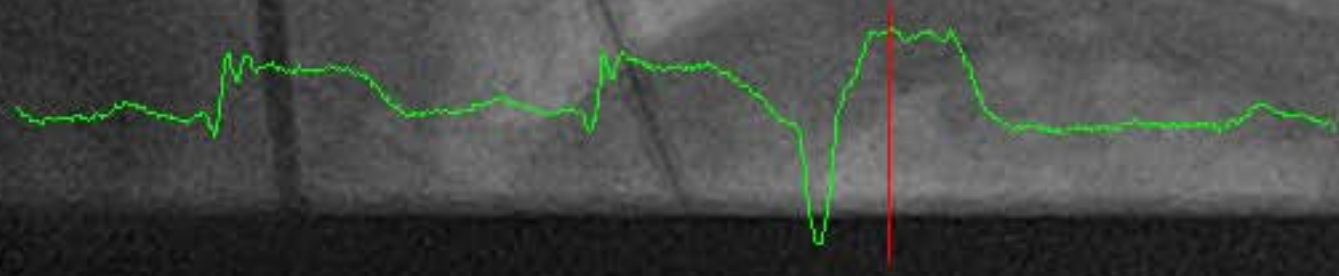
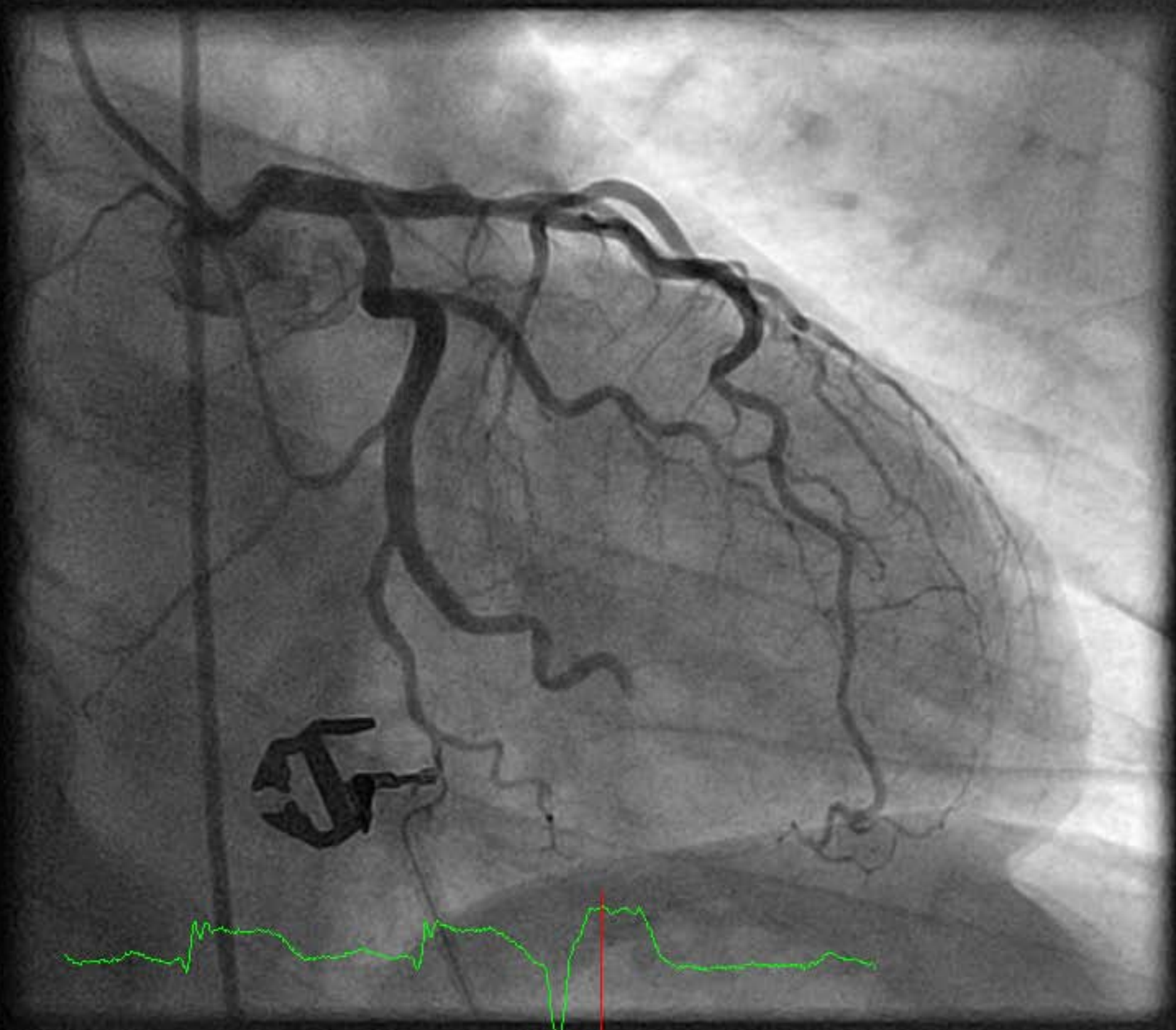
Vent. rate 83 bpm
 PR interval 198 ms
 QRS duration 80 ms
 QT/QTc 356/418 ms
 P-R-T axes 64 -45 -81

Sinus rhythm
 Left axis deviation
 Low voltage QRS
 Inferior infarct, possibly acute
 Lateral injury pattern

Post PCI



Pre PCI



Post PCI

