

SMART-AMI LHIN IV Project

Date of Event: November 1, 2010

Hospital of Presentation: Brantford General Hospital

Patient Demographics:

Age: 40 ID: 04185

STEMI ID Form Received:

No

Reason for Referral: Primary PCI

Actual Procedure Performed: Primary PCI

Location of Infarct: Inferior

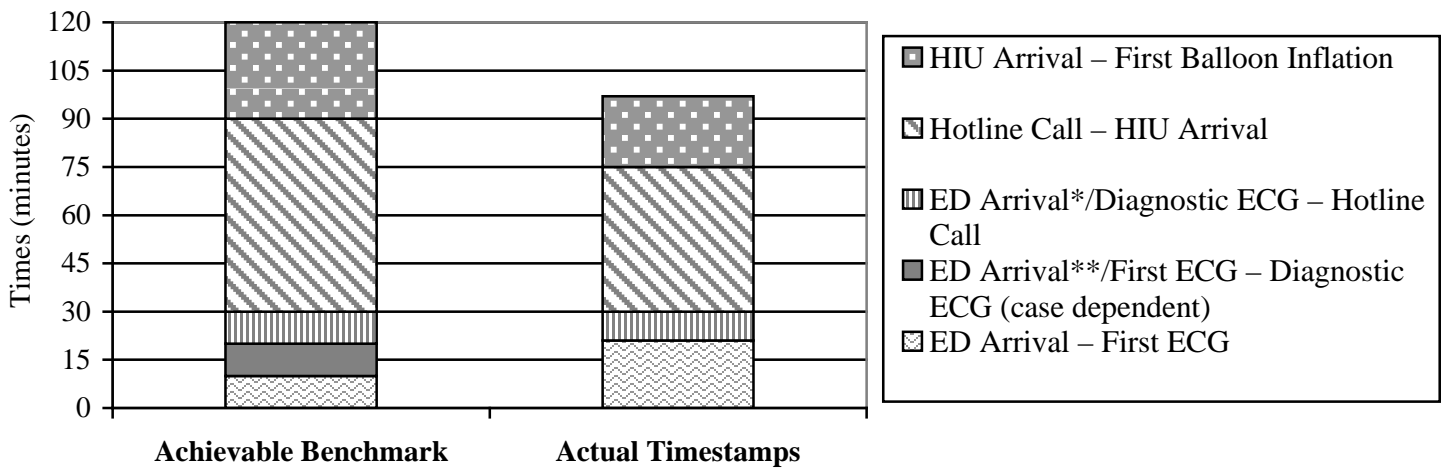
Killip Class (I-IV): I

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 | 18:30 | | |
| ED Arrival | 18:50 | | |
| Ambulance ECG | n/a | | |
| First Hospital ECG | 19:11 | Within 10 min of ED Arrival | 21 min |
| Diagnostic ECG | 19:11 | | |
| Hotline Call/Cath Lab Team Activated | 19:20 | Within 10 min of Diagnostic ECG or ED Arrival* | 9 min |
| Arrival in Cath Lab | 20:05 | Within 30-60 min of Hotline Call | 45 min |
| First Device Use/End of Procedure if Cath Only | 20:27 | Within 30 min of Arrival in Cath Lab | 22 min |
| | | Within 120 min of ED Arrival for PCI | 97 min |

*Applicable if ambulance ECG is the diagnostic ECG

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

Additional Comments:

Coronary Anatomy: 99% stenosis in the right coronary artery and 100%

Cardiac Intervention: 1 bare metal stent inserted in the right coronary artery

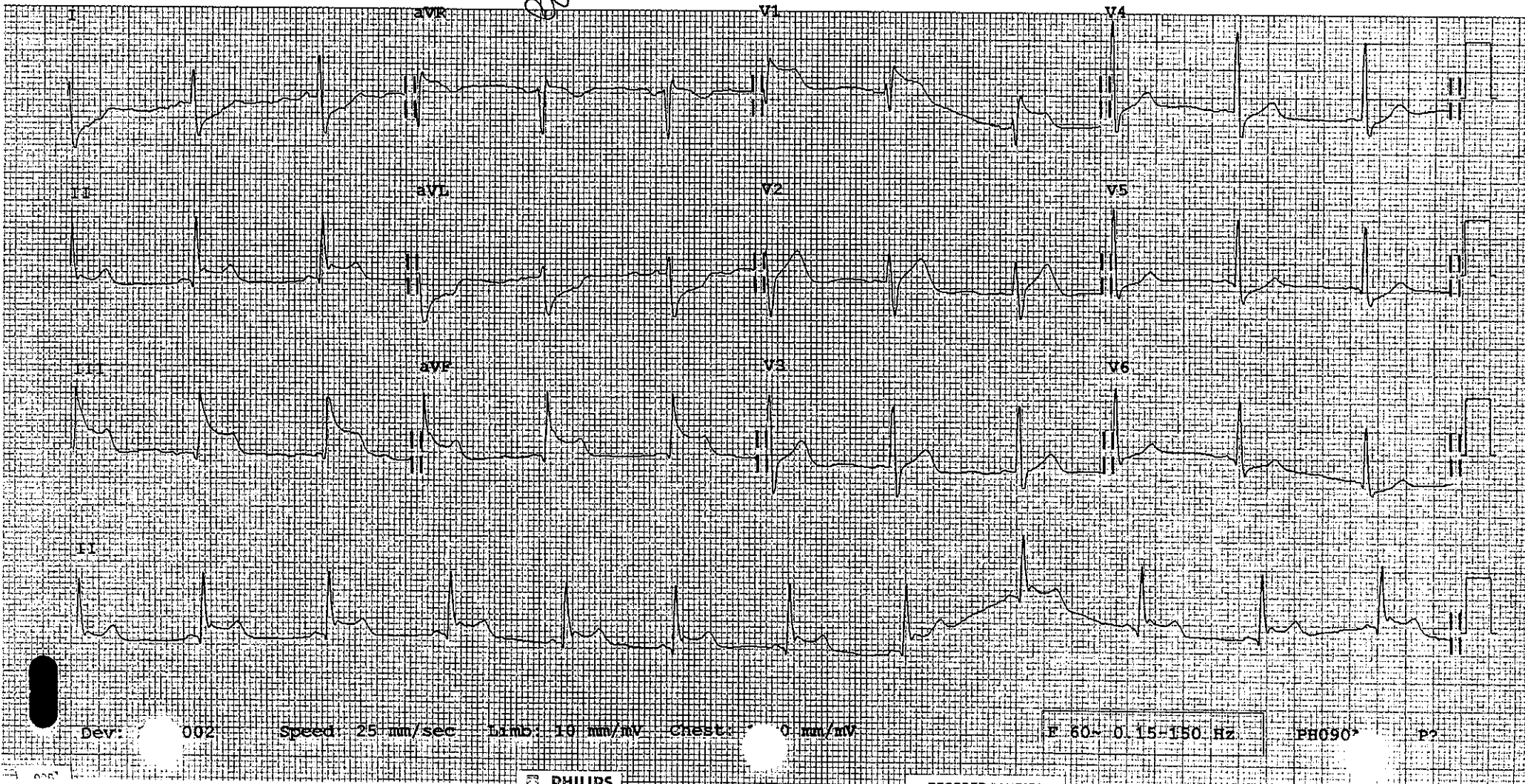
Patient Disposition: pt transferred back to CCU for further care

Rate 70 . AGE IS NOT ENTERED, ASSUMED TO BE 50 YEARS OLD FOR PURPOSE OF ECG INTERPRETATION
 . SINUS RHYTHM.....normal P axis, V-rate 50-
 PR 104 . SHORT PR INTERVAL, ACCELERATED AV CONDUCTION.....PR <110
 QRSD 112 . INCOMPLETE RIGHT BUNDLE BRANCH BLOCK.....QRSD >105, terminal axis(90,270)
 QT 384 . INFERIOR INJURY, PROBABLE EARLY ACUTE.....ST>0.15mV, II III a
 QTc 415 . INFARCT
 . ANTERIOR INJURY, EARLY ACUTE INFARCT.....ST >0.35mV in V1-V4
 --AXIS-- . BASELINE WANDER IN LEAD(S) III
 P 8
 QRS 80
 T 85

- ABNORMAL ECG -

Unc

imp MI
du

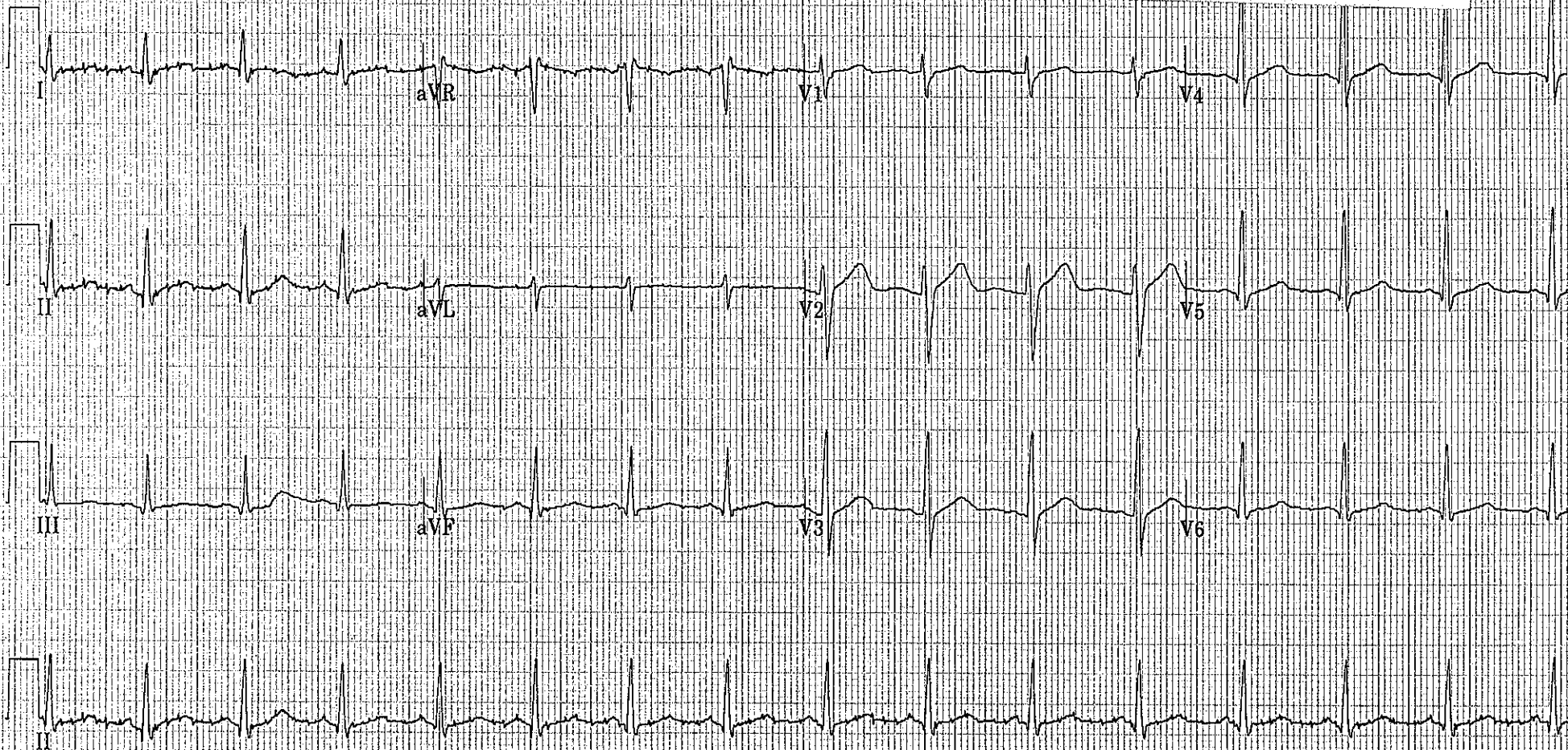
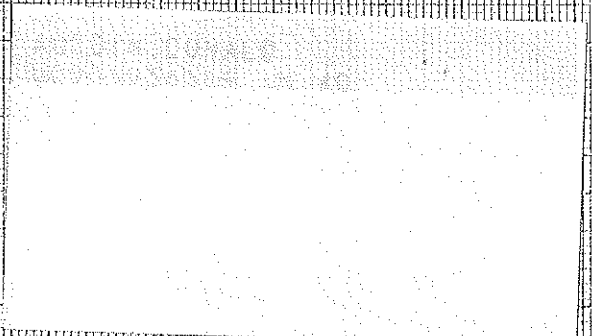


Vent. rate 91 bpm
 PR interval 138 ms
 QRS duration 96 ms
 QT/QTc 370/455 ms
 P-R-T axes 56 72 56

Normal sinus
 Normal ECG

011110

Post PCI



Pre PCI



Post PCI

