

ECG FOR DISCUSSION

III Medicine Unit
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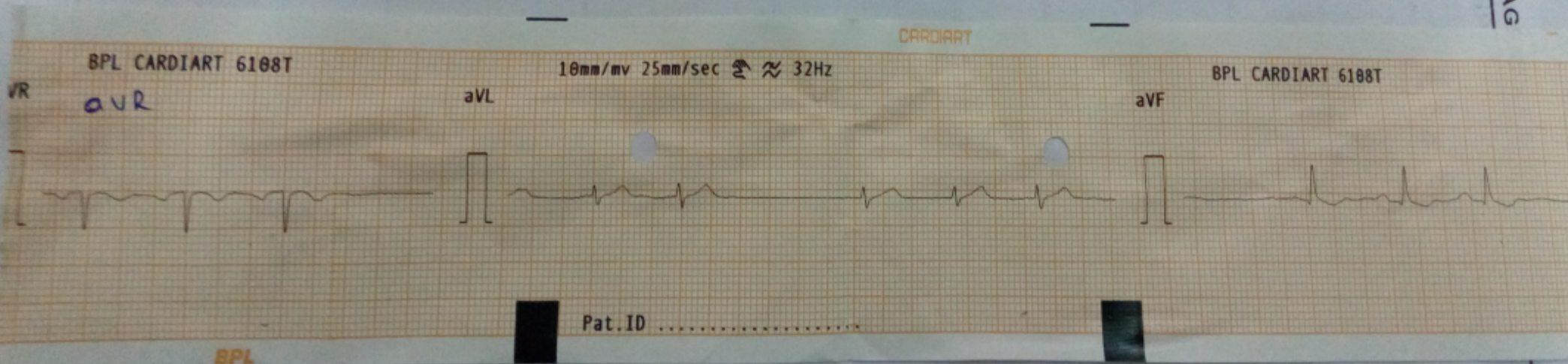
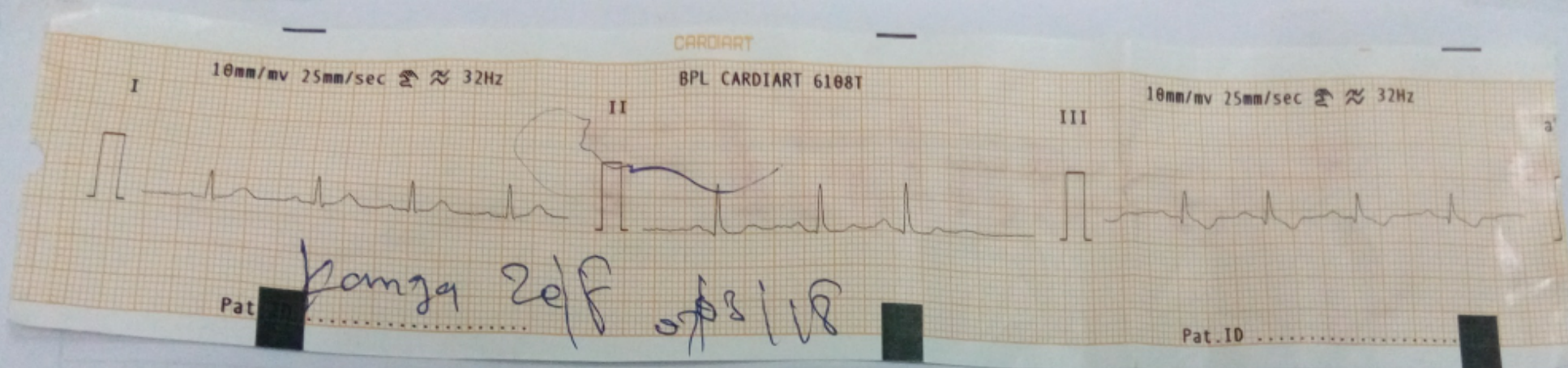
Dr. shanmuganadhan MD

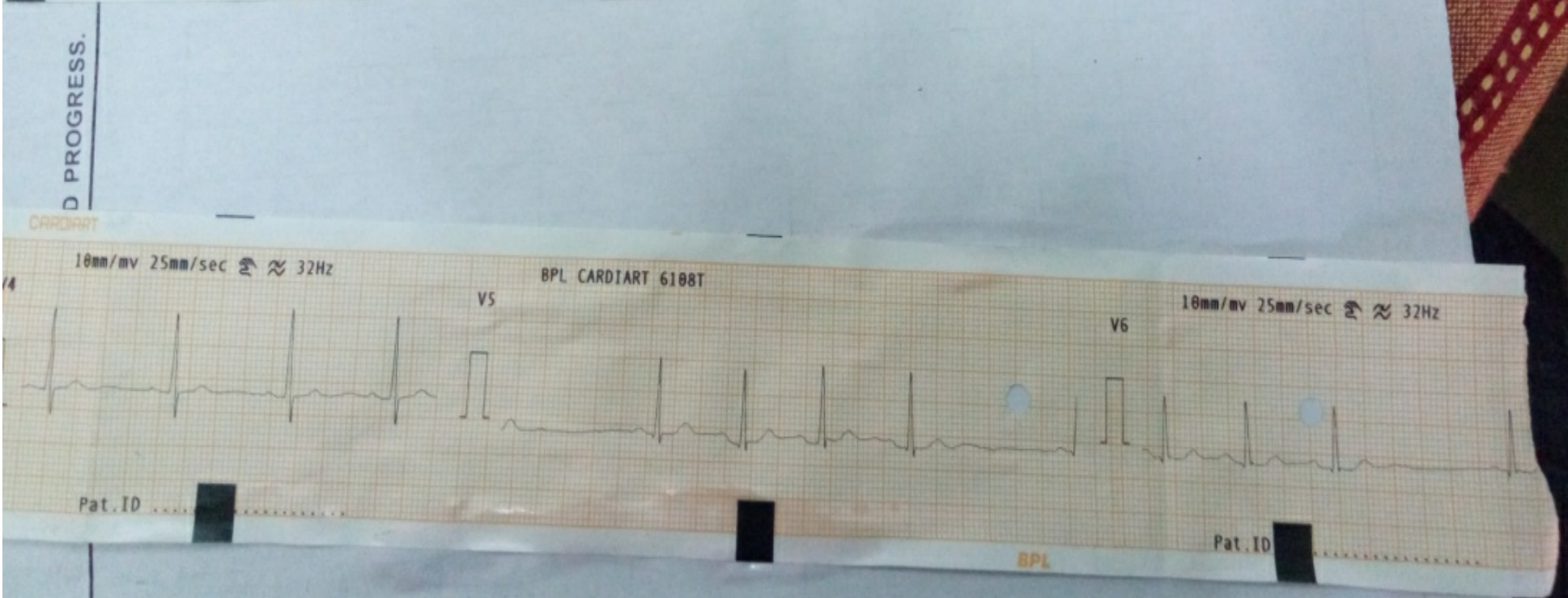
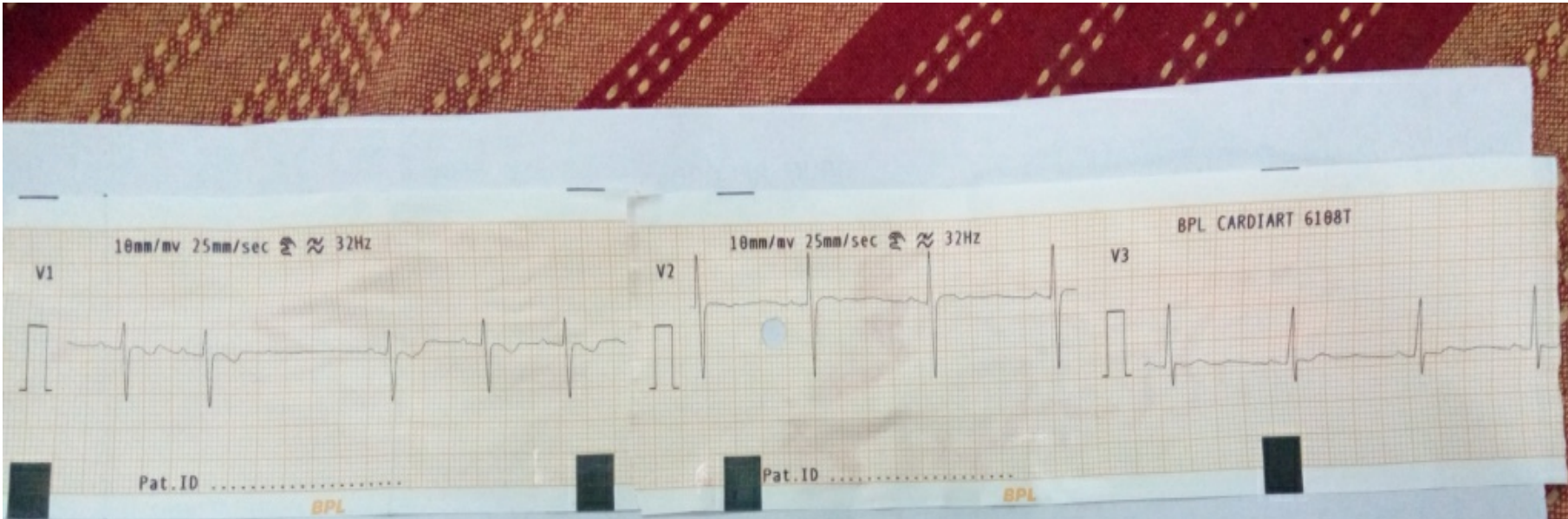
Presenter

Dr.Purushothasrinivasan

- 20 years old female came with alleged consumption of 20 leaves of oleander
- She had nausea and vomiting
- No other symptoms
- General examination - normal
- VITALS ; stable

ECG ON admission

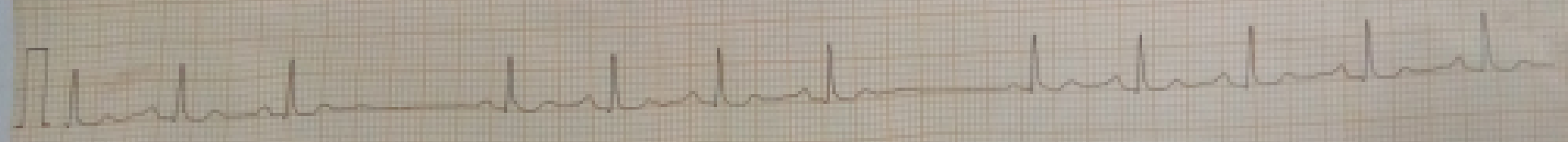




CARDART

10mm/mv 25mm/sec 32Hz

II



Pat. ID

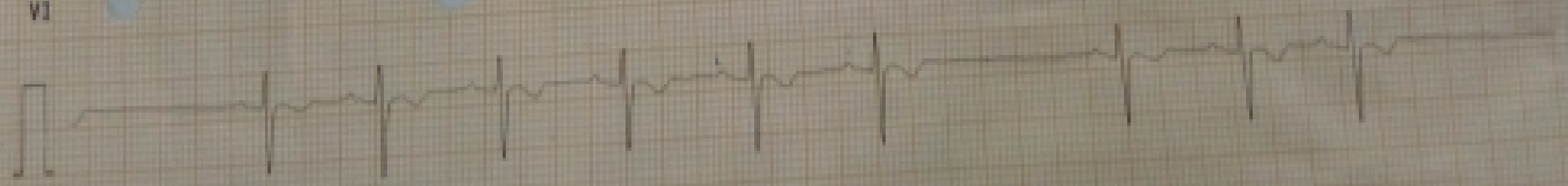
BPL

MANAGEMENT AND PROGRESS.

CARDART

10mm/mv 25mm/sec 32Hz

VI



Pat. ID

Discussion

- The ECG in rhythm strip shows two isoelectric line in lead 2
- Isoelectric line duration 1520 milliseconds
- Preceding p-p interval duration 760 milliseconds
- Duration of isoelectric line double that of preceding p-p interval so this ECG suggestive sinus atrial node exit block type 2

Differential diagnosis for iso-electric line In ECG

- Sinus arrhythmia
- Sinus pause or sinus arrest
- Non conducted APC
- Sinus node exit block