

EXHIBIT BH

ID: MQH54321 Second ID: Admission ID:

Date of Birth: 6/14/1967	Height:	Address:		City:	State:
Age: 51 Years	Weight:	Postal Code:	Country:	Email Address:	
Gender: Female	Race: Unknown	Home Tel.:	Work Tel.:	Mobile Tel.:	

<p>Angina: Unknown History of MI: Unknown</p> <p>Prior CABG: Unknown Prior Cath: Unknown</p> <p>Diabetic: Unknown Smoking: Unknown</p> <p>Family History: Unknown</p>	Indications	Medications
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Referring Physician: Location: Procedure Type:

Technician: Target HR: 144 bpm Reasons for end: Symptoms:

Diagnosis

Notes

Conclusions

The patient was tested using Bruce for a duration of 12:30. A maximum heart rate of 173 was obtained at 12:40 with a maximum systolic blood pressure of 200/80 at 08:00 and a maximum diastolic blood pressure of 110/80 obtained at 00:10. A maximum ST depression of -1.2 mm in II occurred at 11:30. A maximum ST elevation of +1.0 mm in V2 occurred at 13:20.

Reviewed by:

Signed by: _____

Date: 4/18/2019

Summary

Exercise Time: 12:30
Leads with 100uV ST: II, III, aVF, V2
PVCs: 17

Max Values

Speed: 8 km/h HR: 173 BPM % Target: 120%
Grade 18 % SBP: 200 mmHg
METs: 12.7 DBP: 80 mmHg
HR*BP: 29600 BPM * mmHg
ST/HR Index: 1.68 uV/bpm in II at 06:50

Max ST

ST elevation: 1 mm in V2 at 13:20
ST depression: -1.2 mm in II at 11:30

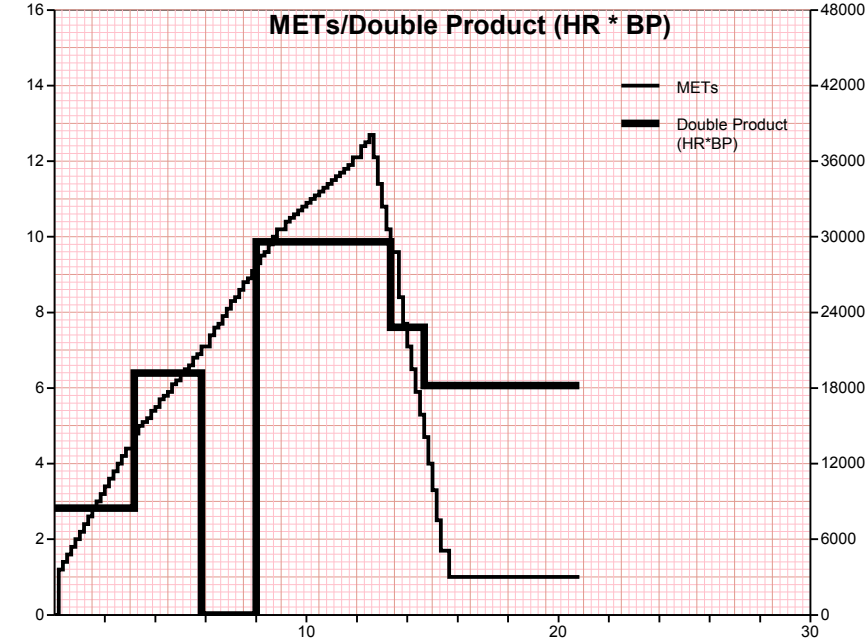
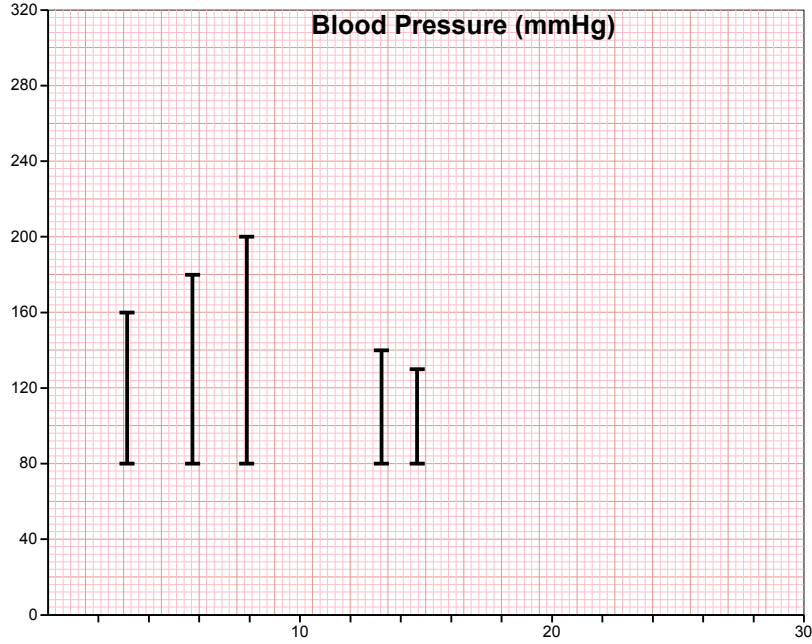
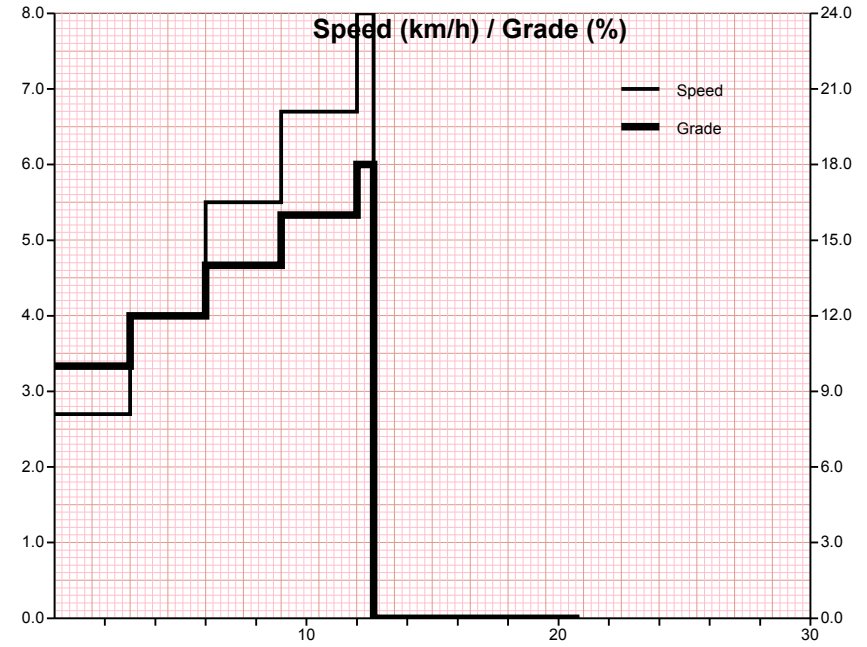
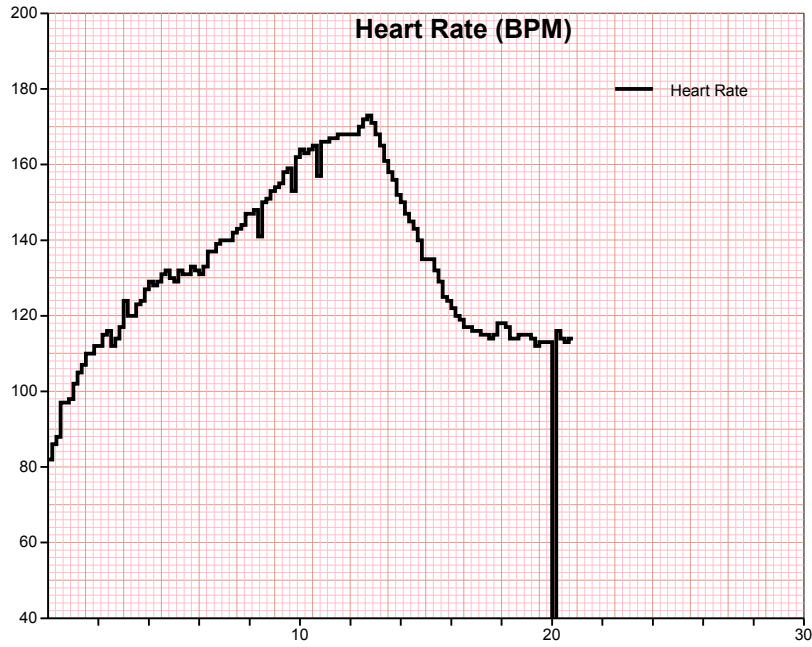
Max ST Changes

ST elevation change: 0.7 mm in aVL at 12:30
ST depression change: -1.7 mm in II at 11:30

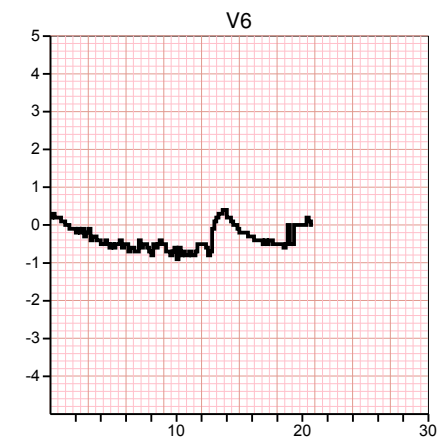
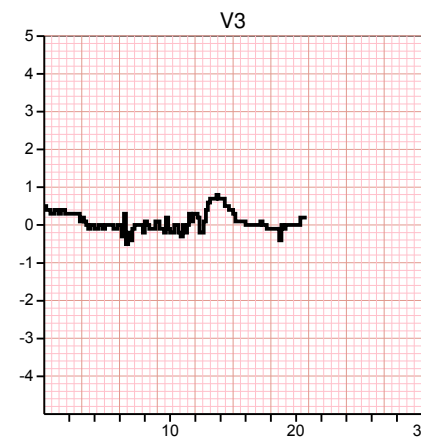
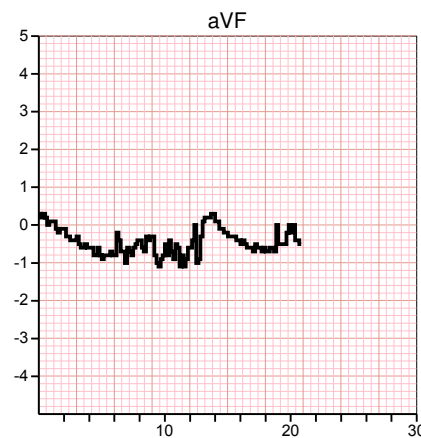
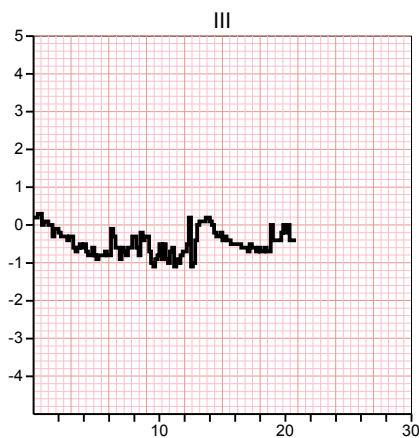
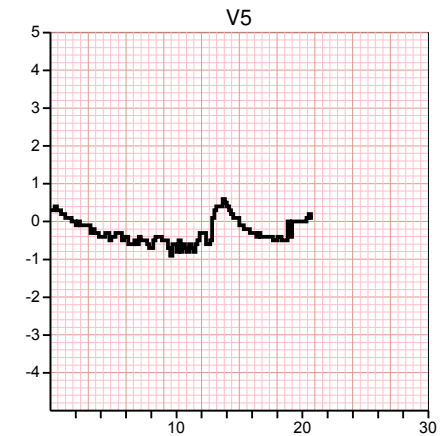
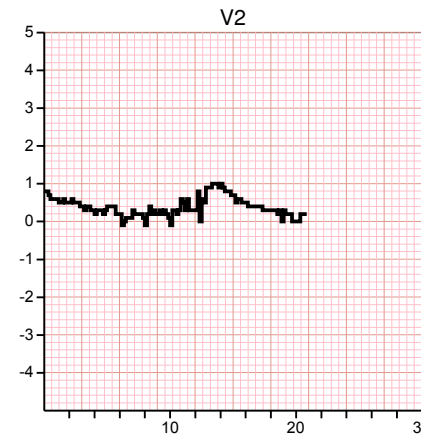
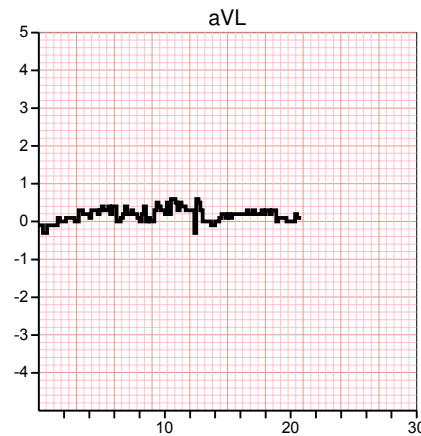
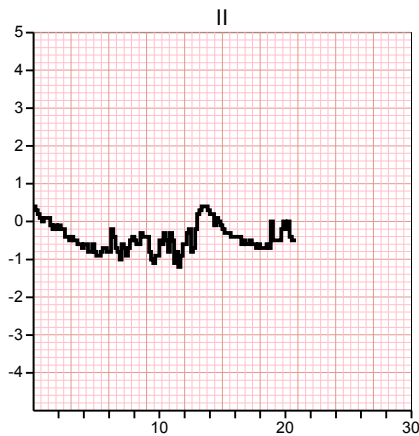
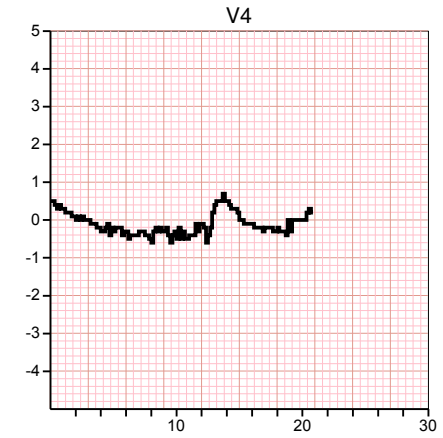
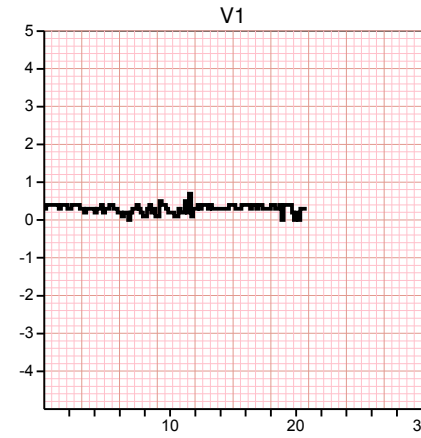
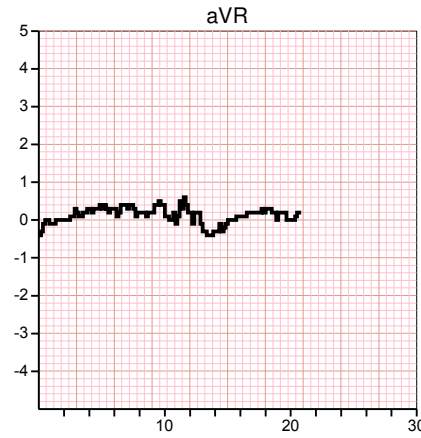
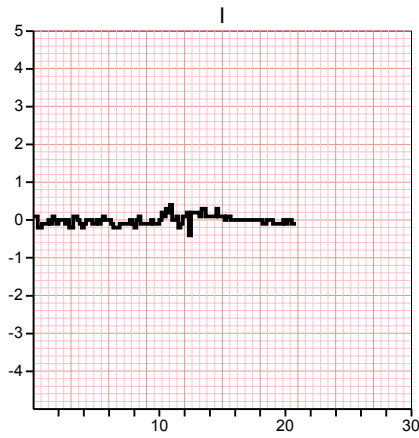
STAGE SUMMARY

ST measurement based on J+60ms

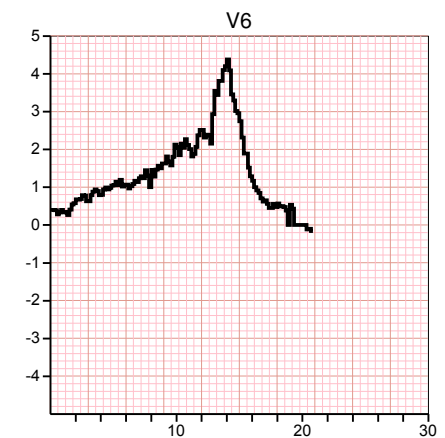
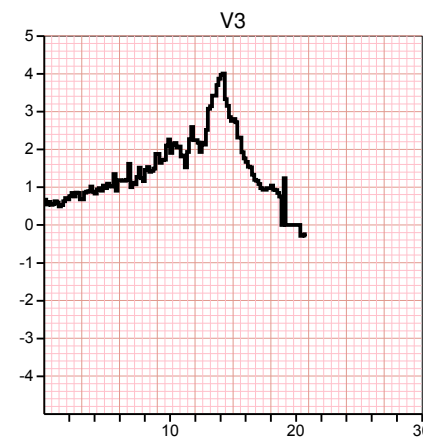
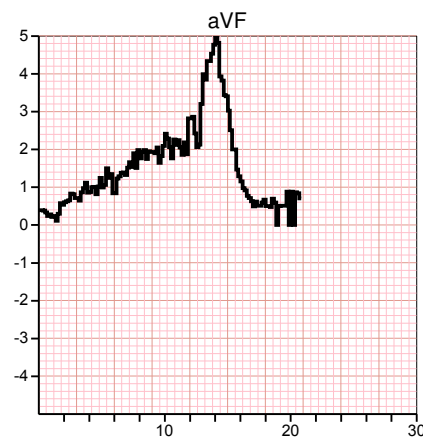
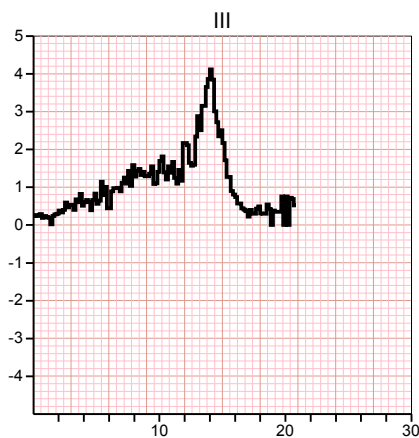
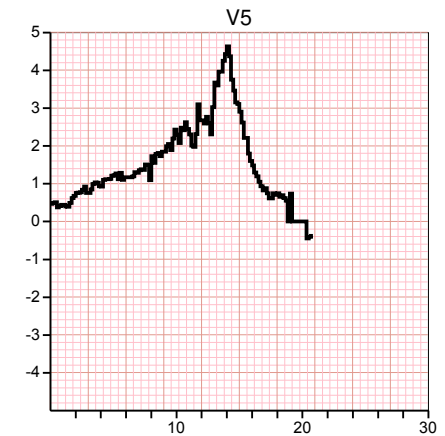
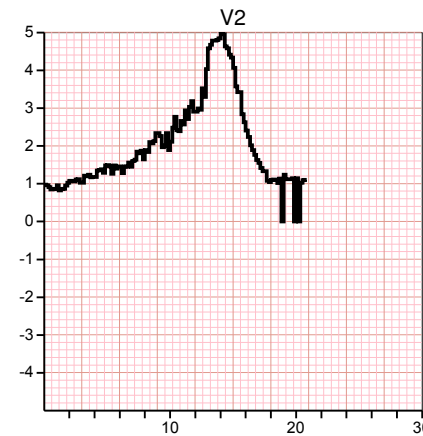
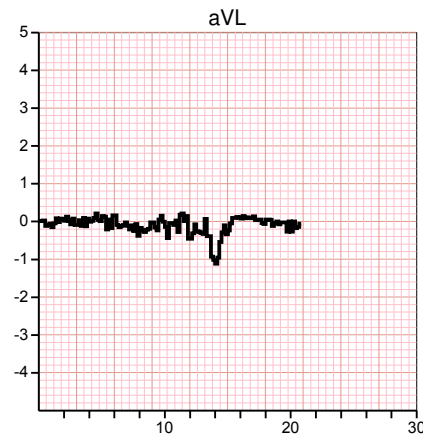
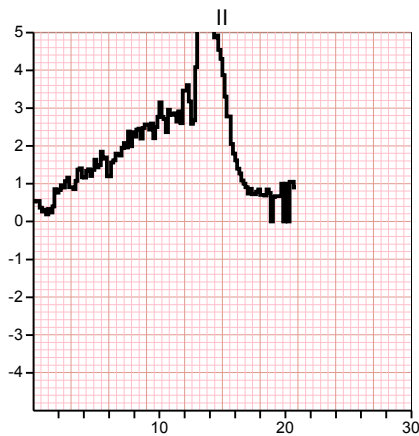
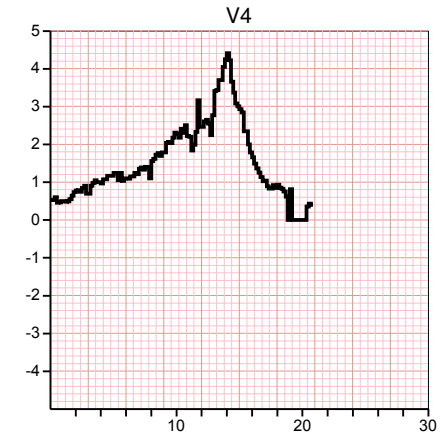
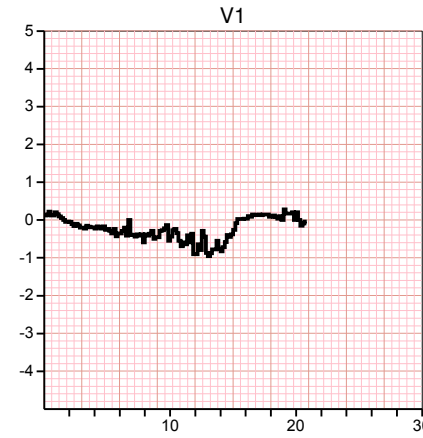
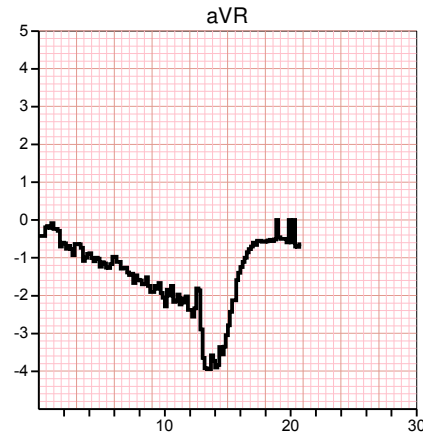
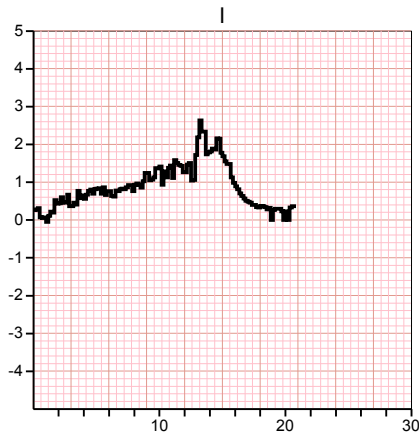
		Speed (km/h)	Grade (%)	HR (BPM)	BP (mmHg)	METs	HR*BP	ST LEVEL (mm)												
								I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6	
Supine	PRE-X	0.0	0.0	67		-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Supine	PRE-X	0.0	0.0	63		-	-	0	0.1	0	-0.2	-0.1	0.1	0.3	0.7	0.3	0.3	0.2	0.1	
Supine	PRE-X	0.0	0.0	62		-	-	0	0.1	0	-0.2	0	0.1	0.3	0.7	0.3	0.3	0.2	0.1	
Supine	PRE-X	0.0	0.0	64		-	-	0.1	0.3	0.1	-0.3	0	0.2	0.3	0.7	0.4	0.3	0.3	0.2	
Supine	PRE-X	0.0	0.0	78		-	-	0	0.2	0.1	-0.2	-0.1	0.1	0.4	0.8	0.5	0.4	0.3	0.2	
Supine	PRE-X	0.0	0.0	84		-	-	0	0.3	0.2	-0.3	-0.1	0.3	0.3	0.8	0.5	0.4	0.4	0.3	
START EXE	EXE 00:00	0.0	0.0	82	110/80	-	8470	0.1	0.4	0.2	-0.4	-0.1	0.3	0.3	0.8	0.5	0.5	0.3	0.2	
STAGE 1	EXE 03:00	2.7	10.0	124	110/80	4.4	8470	-0.2	-0.4	-0.3	0.2	0	-0.3	0.3	0.4	0.2	0	-0.1	-0.1	
STAGE 2	EXE 06:00	4.0	12.0	131	180/80	7.1	-	0	-0.8	-0.8	0.3	0.4	-0.8	0.2	0.2	0	-0.3	-0.4	-0.5	
STAGE 3	EXE 09:00	5.5	14.0	154	200/80	10.2	29600	-0.1	-0.4	-0.3	0.2	0	-0.3	0.1	0.2	0.1	-0.3	-0.5	-0.5	
Supine	EXE 09:23	6.7	16.0	158	200/80	10.5	29600	0	-1	-1	0.4	0.5	-1	0.4	0.2	-0.1	-0.4	-0.7	-0.7	
Supine	EXE 10:04	6.7	16.0	162	200/80	10.9	29600	0	-0.5	-0.5	0.1	0.2	-0.5	0.2	-0.1	-0.2	-0.5	-0.8	-0.9	
STAGE 4	EXE 12:00	6.7	16.0	168	200/80	12.1	29600	0.1	-0.6	-0.7	0.2	0.3	-0.6	0.3	0.3	0.3	-0.1	-0.3	-0.5	
Peak	EXE 12:30	8.0	18.0	172	200/80	12.7	29600	0.2	-0.8	-1.1	0.2	0.6	-1	0.4	0.6	-0.2	-0.4	-0.6	-0.8	
Supine	REC 02:58	0.0	0.0	129	130/80	1.7	18200	0.1	-0.3	-0.4	0	0.2	-0.3	0.3	0.6	0.1	-0.1	-0.2	-0.2	
Supine	REC 04:23	0.0	0.0	116	130/80	1.0	18200	0	-0.6	-0.6	0.2	0.2	-0.6	0.3	0.4	0	-0.3	-0.4	-0.5	
DRC	REC 06:54	0.0	0.0	113	130/80	1.0	18200	-0.1	-0.5	-0.4	0.2	0.1	-0.5	0.4	0.2	0	0	0	0	
Supine	REC 07:40	0.0	0.0	116	130/80	1.0	18200	0	0	0	0	0	0	0	0	0	0	0	0	
DRC	REC 07:42	0.0	0.0	116	130/80	1.0	18200	0	0	0	0	0	0	0	0	0	0	0	0	
END REC	REC 08:16	0.0	0.0	113	130/80	1.0	18200	-0.1	-0.5	-0.4	0.2	0.1	-0.5	0.3	0.2	0.2	0.2	0.1	0	



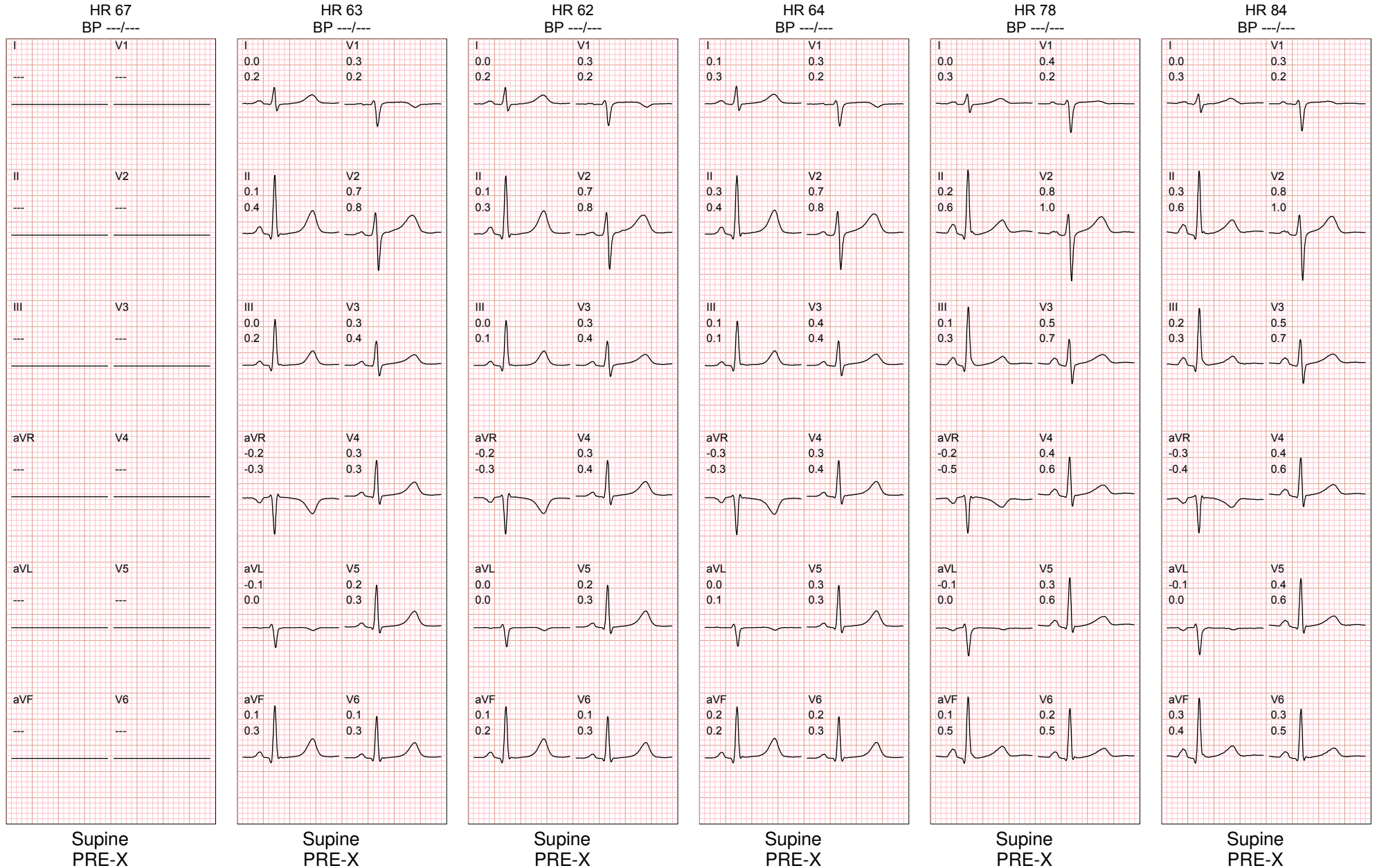
ST measurement based on J+60ms (mm)



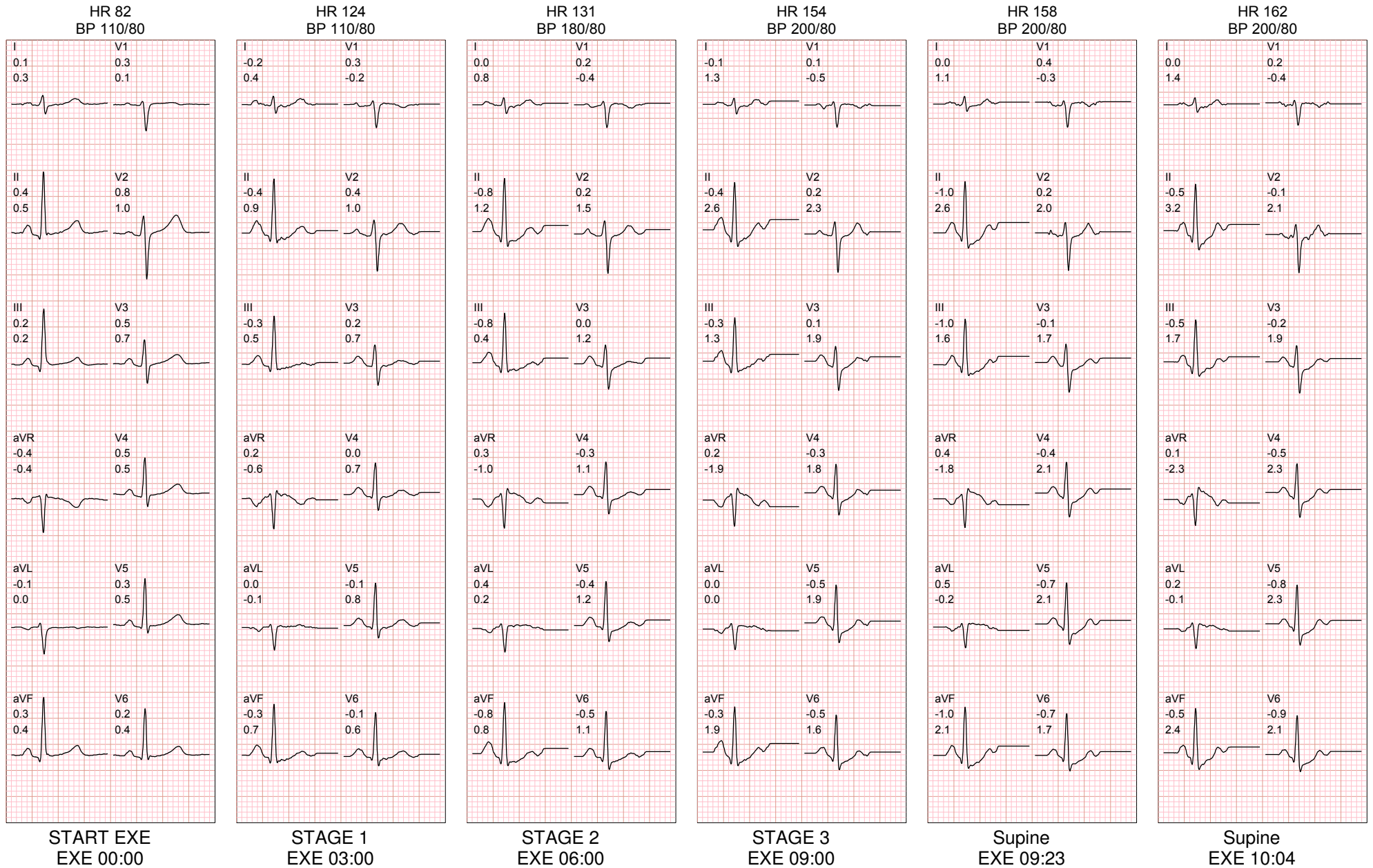
ST measurement based on J+60ms (mV/s)



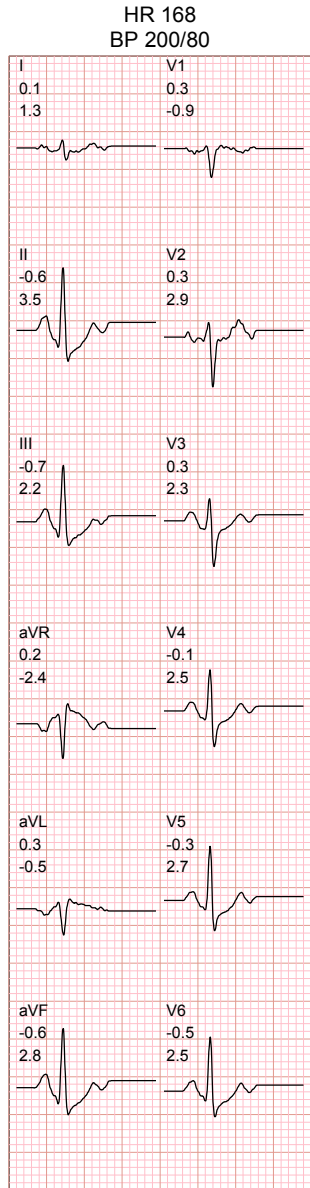
BY STAGE: ST measurement based on J+60ms (mm)
 25mm/s 10mm/mV



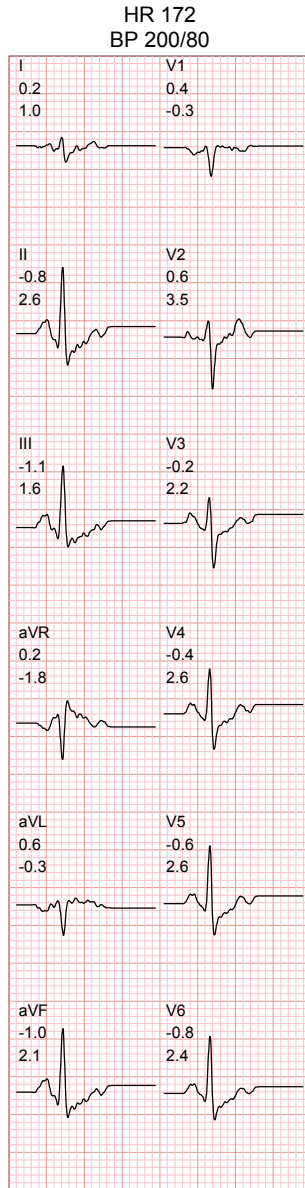
[...Average QRS By Stage continued]



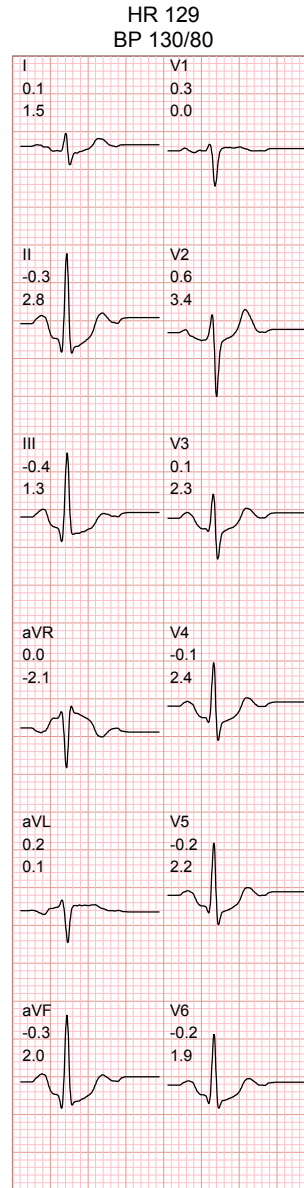
[...Average QRS By Stage continued]



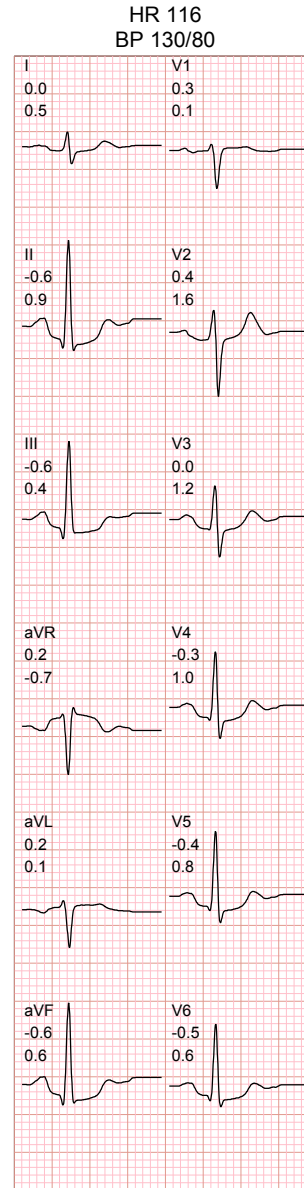
STAGE 4
EXE 12:00



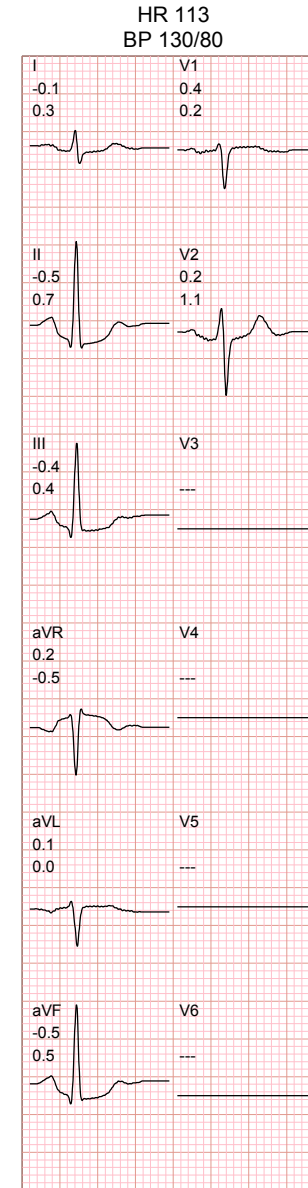
Peak
EXE 12:30



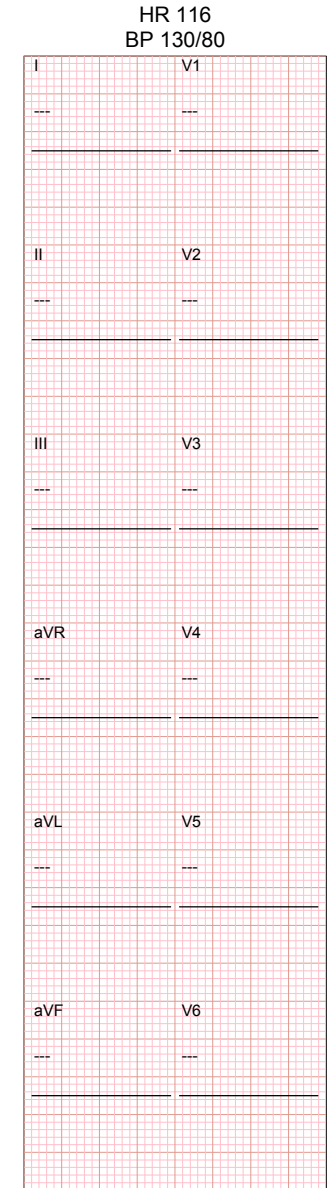
Supine
REC 02:58



Supine
REC 04:23



DRC
REC 06:54

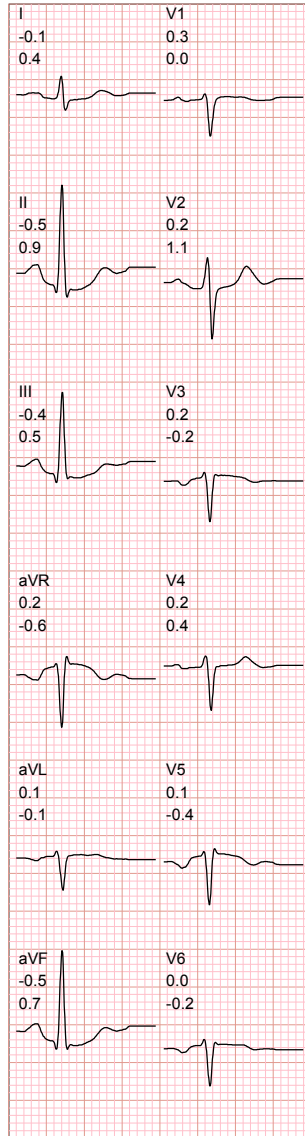
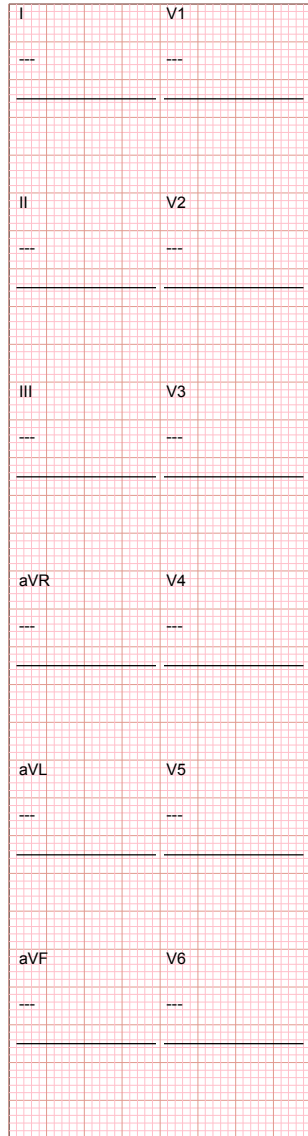


Supine
REC 07:40

[...Average QRS By Stage continued]

HR 116
BP 130/80

HR 113
BP 130/80



DRC
REC 07:42

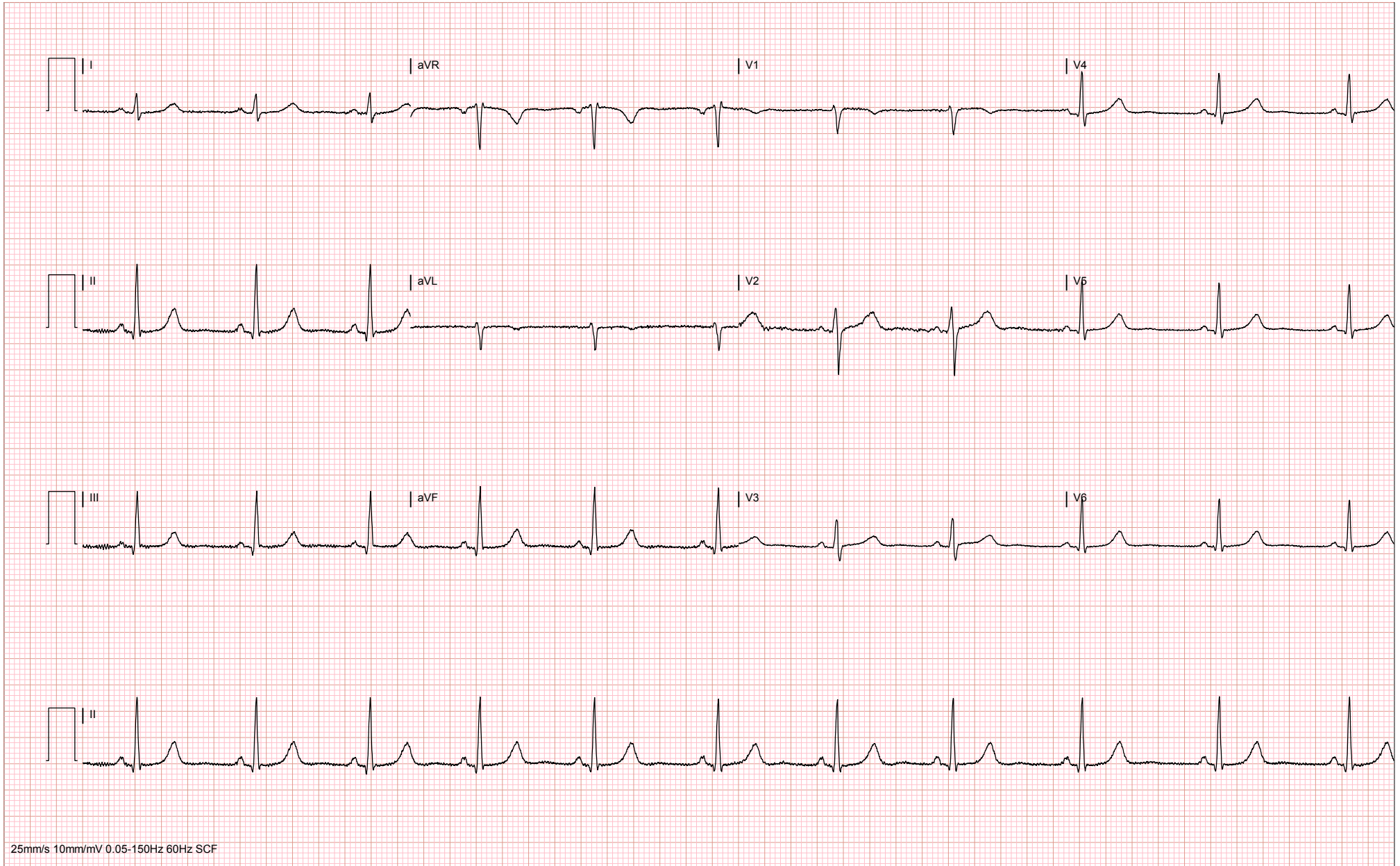
END REC
REC 08:16

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 64 BPM
PR int: 134 ms
QRS dur: 87 ms
QT/QTc: 400/410 ms
P-R-T axes: 60 81 68

SINUS RHYTHM WITH SINUS ARRHYTHMIA
NORMAL ECG
UNCONFIRMED REPORT



00:12 PRE-EXE

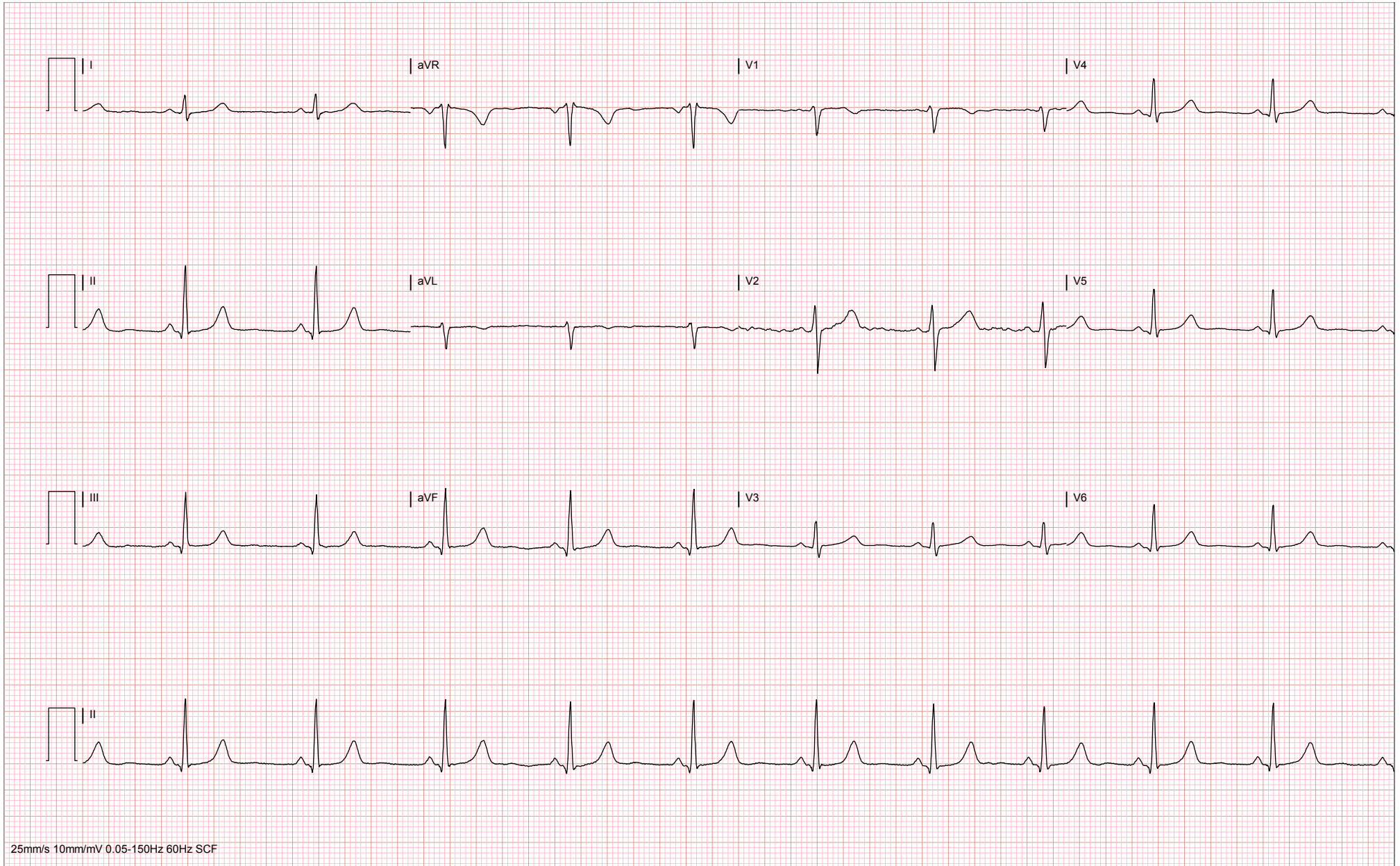
Supine

BP ---/---

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 67 BPM
PR int: 117 ms
QRS dur: 98 ms
QT/QTc: 416/431 ms
P-R-T axes: 63 78 68
SINUS RHYTHM WITH SHORT PR INTERVAL
BORDERLINE ECG
UNCONFIRMED REPORT



01:21 PRE-EXE

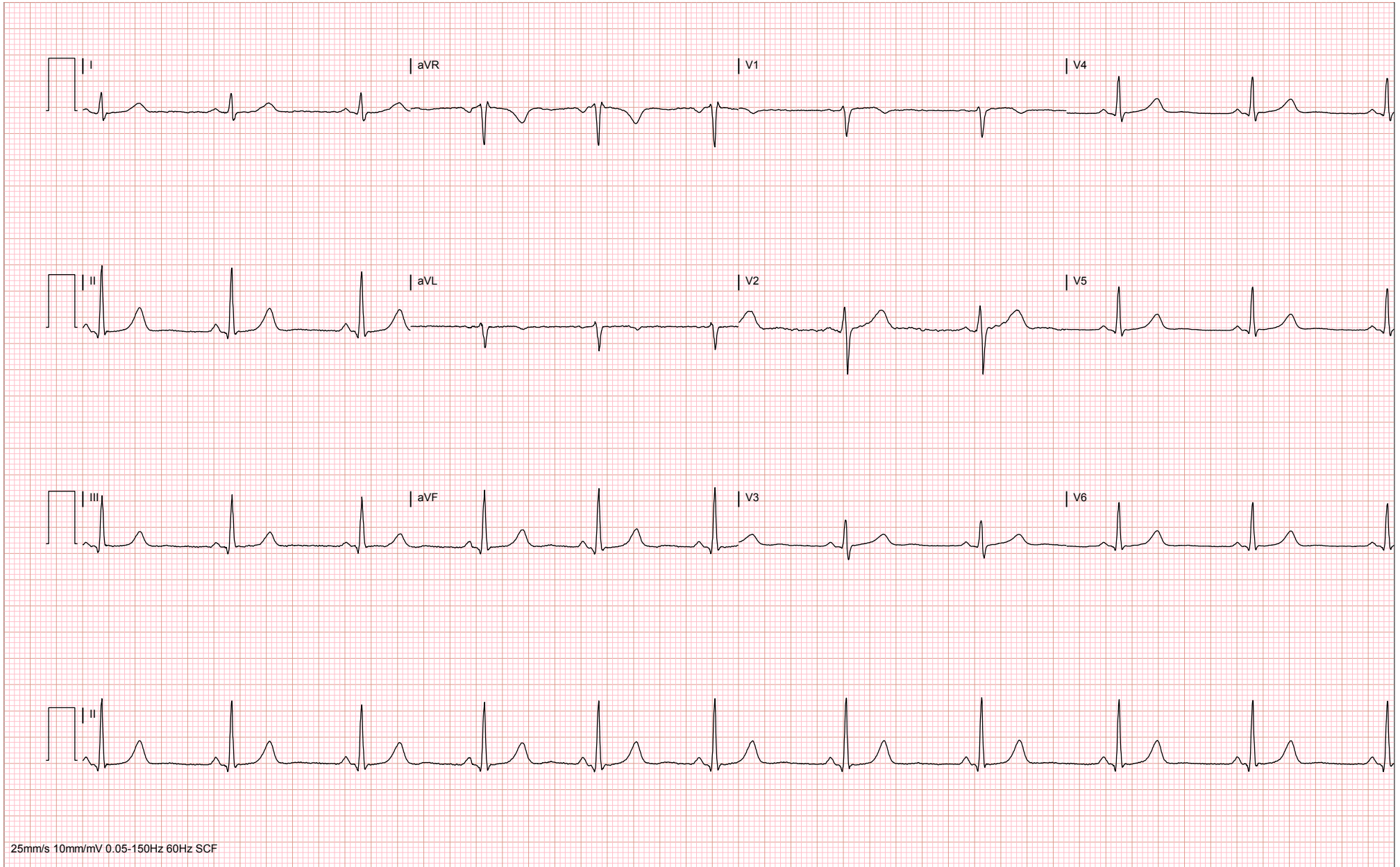
Supine

BP ---/---

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 61 BPM SINUS RHYTHM
PR int: 129 ms NORMAL ECG
QRS dur: 99 ms
QT/QTc: 419/422 ms UNCONFIRMED REPORT
P-R-T axes: 64 79 68



25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

02:33 PRE-EXE

Supine

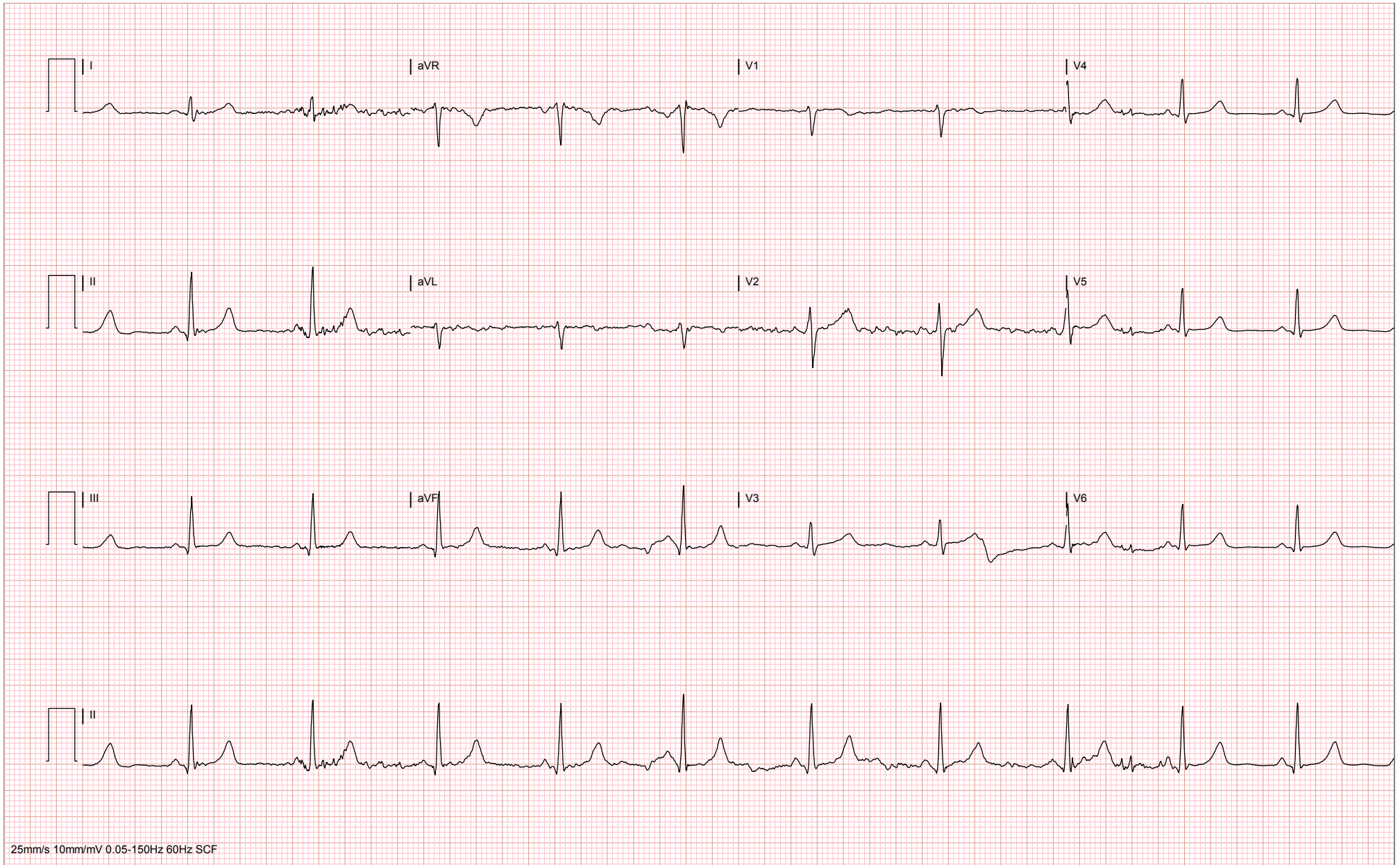
BP ---/---

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

03:57 PRE-EXE 0 km/h 0 %

HR 62
BP ---/---



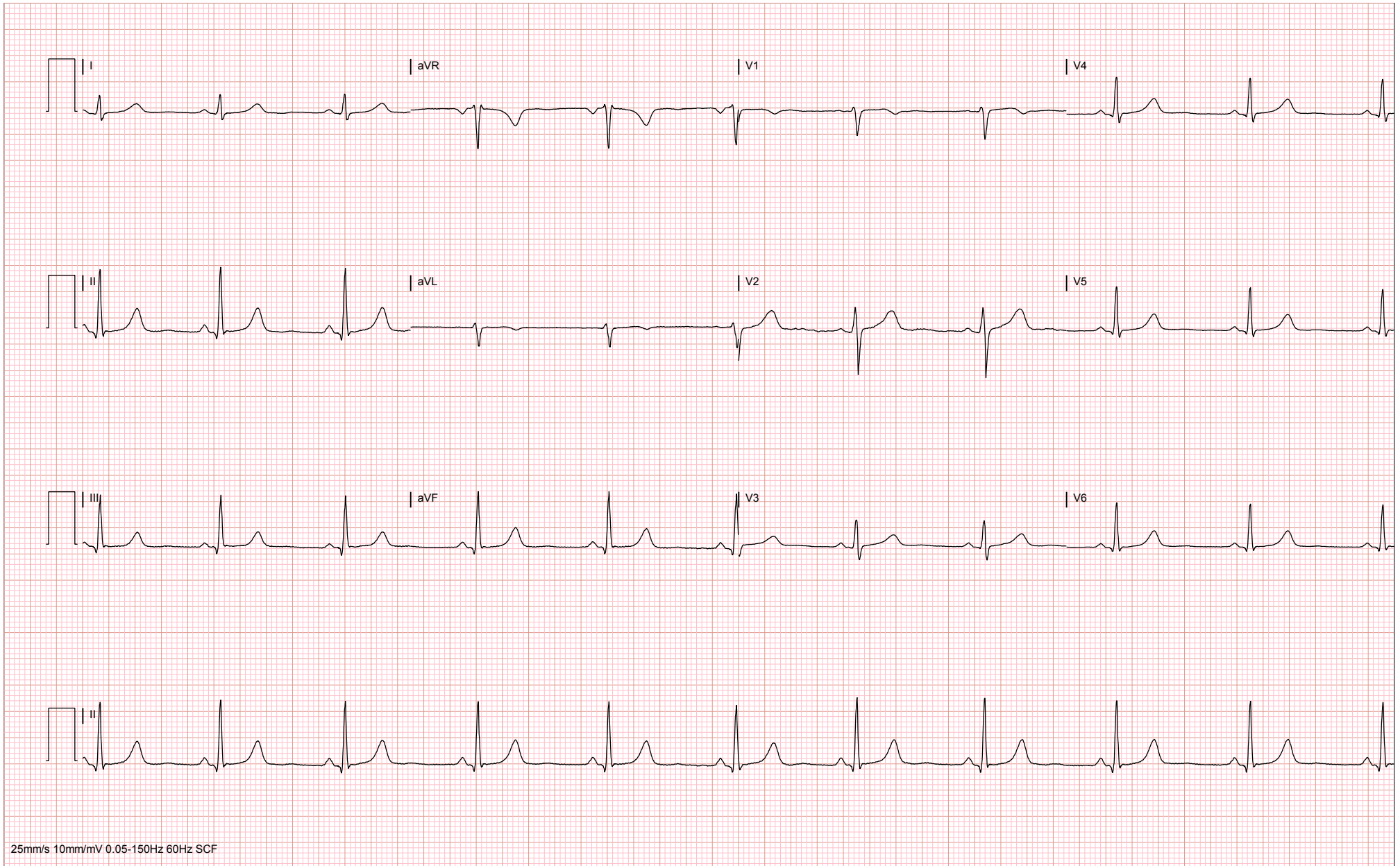
25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

Bookmark

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 61 BPM SINUS RHYTHM
PR int: 133 ms NORMAL ECG
QRS dur: 91 ms
QT/QTc: 406/409 ms UNCONFIRMED REPORT
P-R-T axes: 63 78 66



04:21 PRE-EXE

Supine

BP ---/---

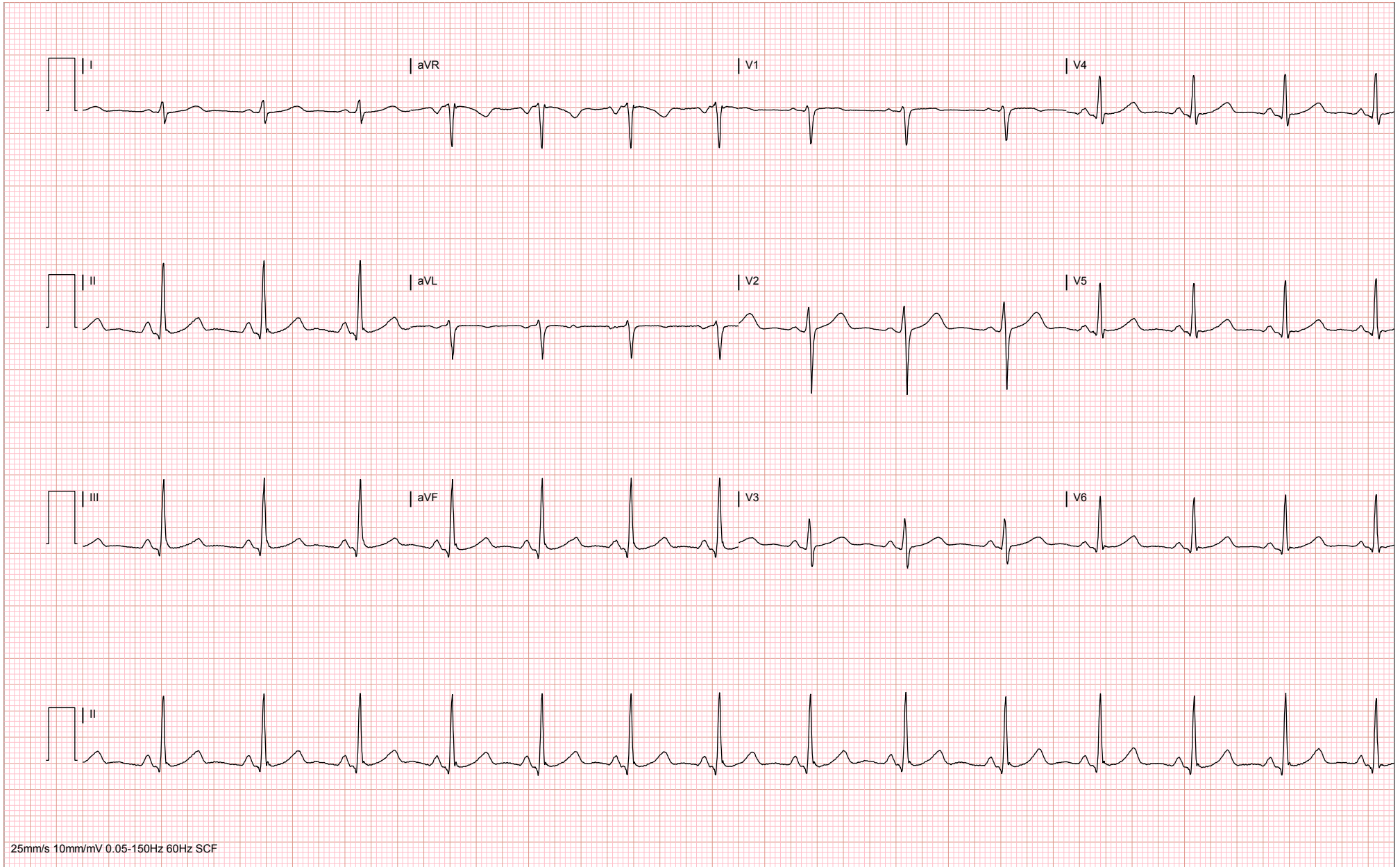
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 86 BPM
PR int: 0 ms
QRS dur: 86 ms
QT/QTc: 374/417 ms
P-R-T axes: 999 87 68

SINUS RHYTHM WITH 2ND DEGREE AV BLOCK, MOBITZ TYPE II
ABNORMAL ECG

UNCONFIRMED REPORT



07:33 PRE-EXE

Supine

BP ---/---

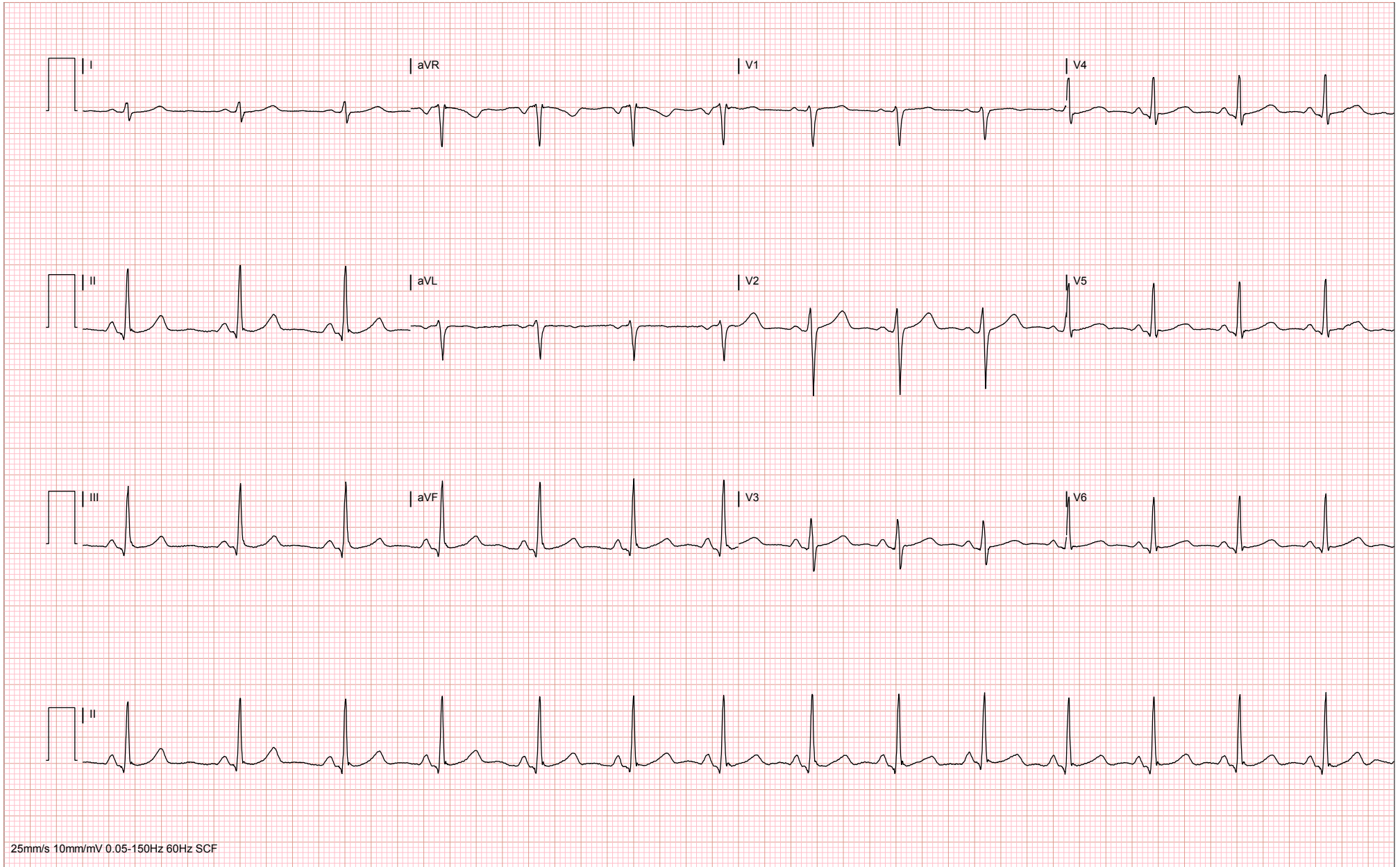
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

Vent. Rate: 85 BPM
PR int: 0 ms
QRS dur: 86 ms
QT/QTc: 367/409 ms
P-R-T axes: 999 89 64

SINUS RHYTHM WITH 2ND DEGREE AV BLOCK, MOBITZ TYPE II
ABNORMAL ECG

UNCONFIRMED REPORT



25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

08:45 PRE-EXE

Supine

BP ---/---

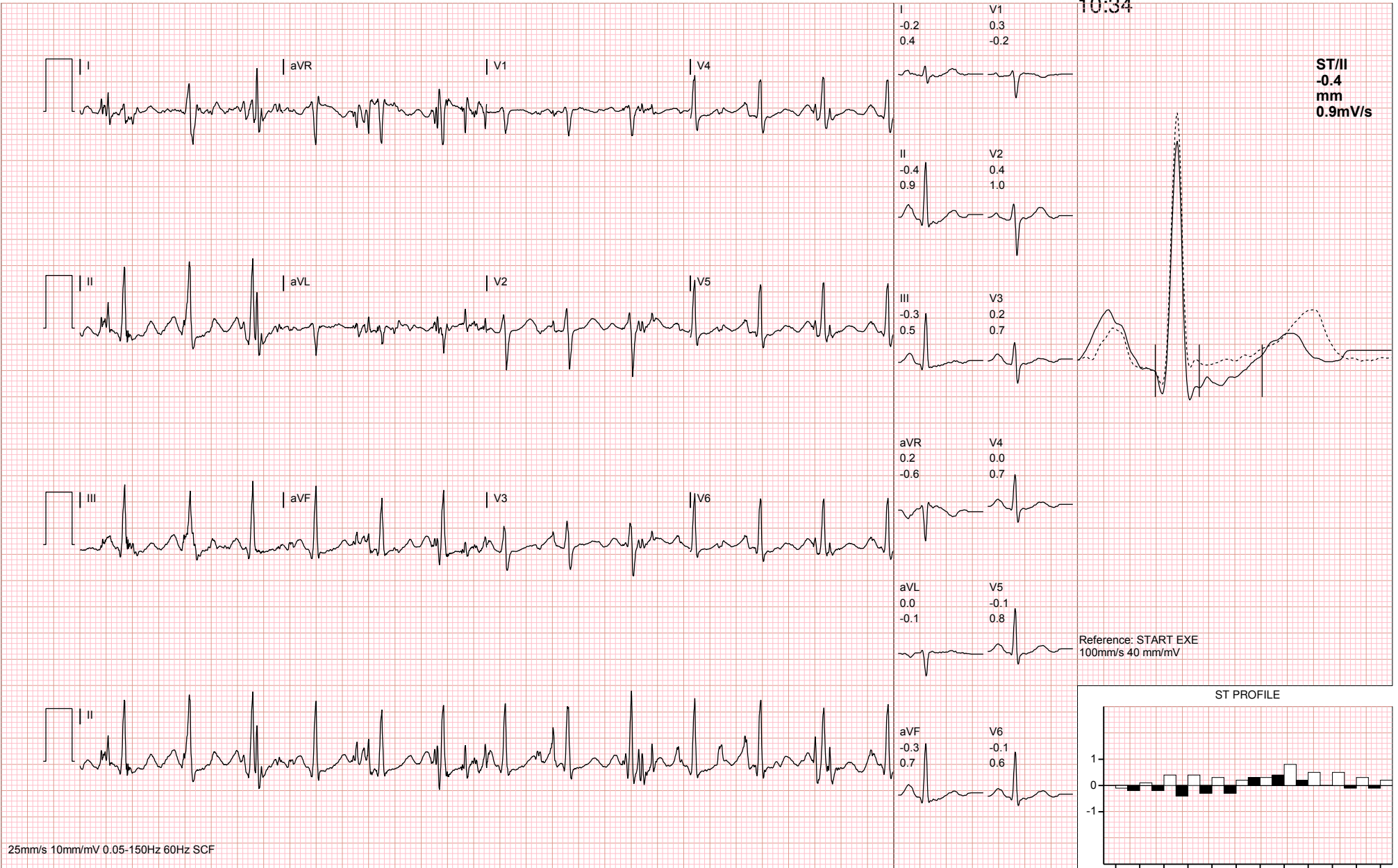
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

02:59 EXER 2.7 km/h HR 124
02:59 STAGE 1 10 % BP 110/80

PRE-EXE

10:34



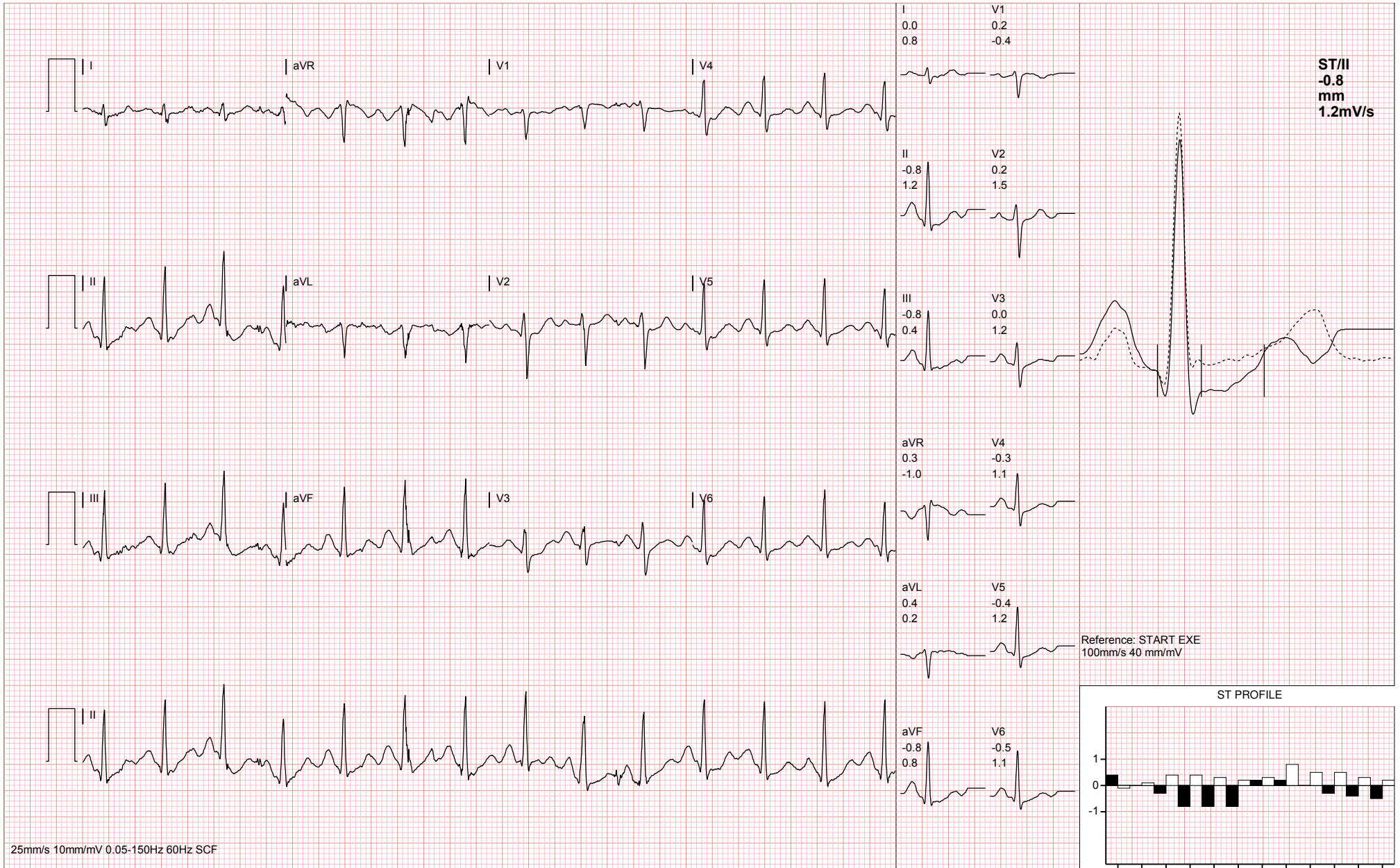
Auto Print

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

05:59 EXER 4 km/h
02:58 STAGE 2 12 %

HR 131
BP 180/80
EXER 05:44

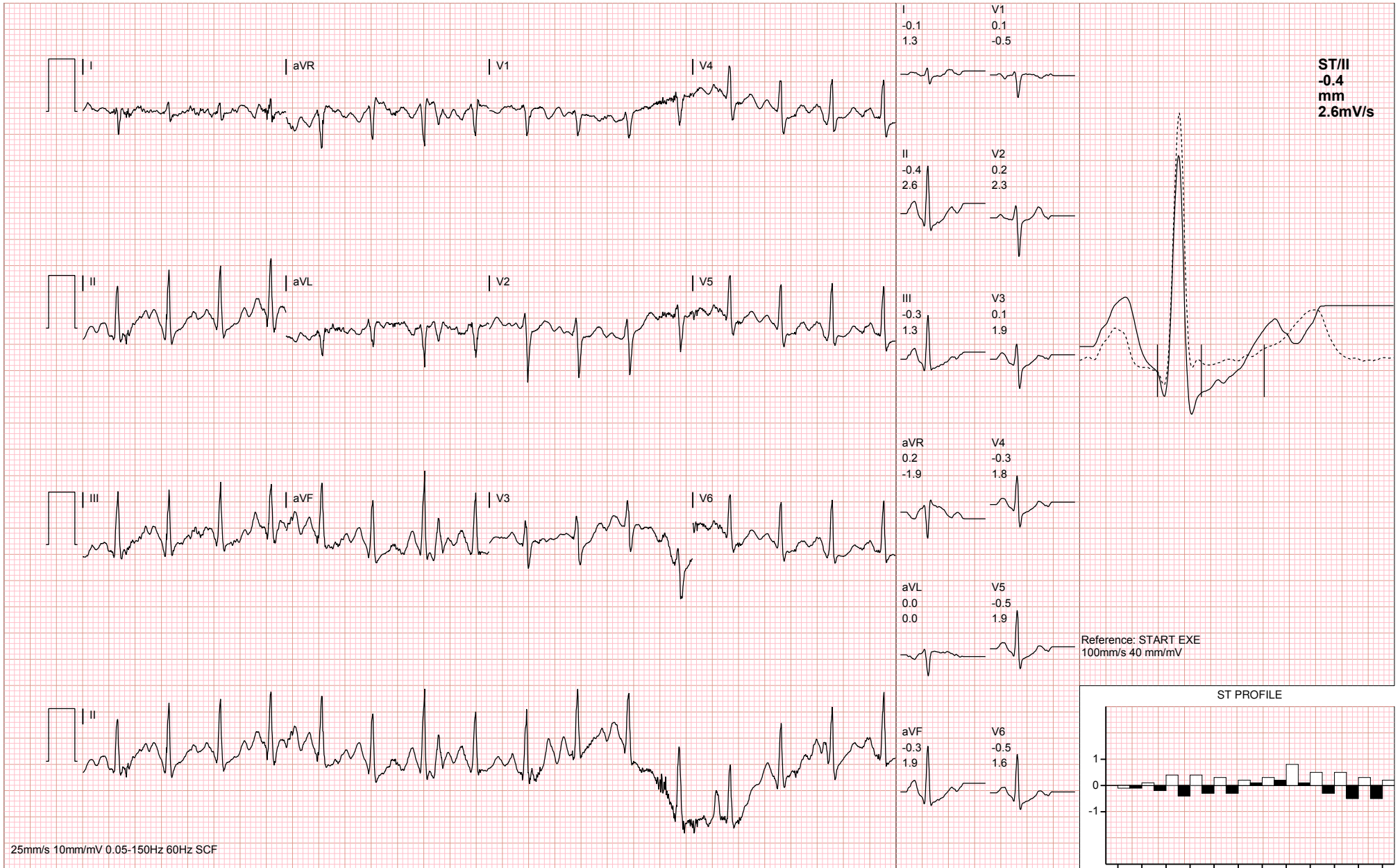


Auto Print

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

08:59 EXER 5.5 km/h HR 154
02:59 STAGE 3 14 % BP 200/80
EXER 07:53



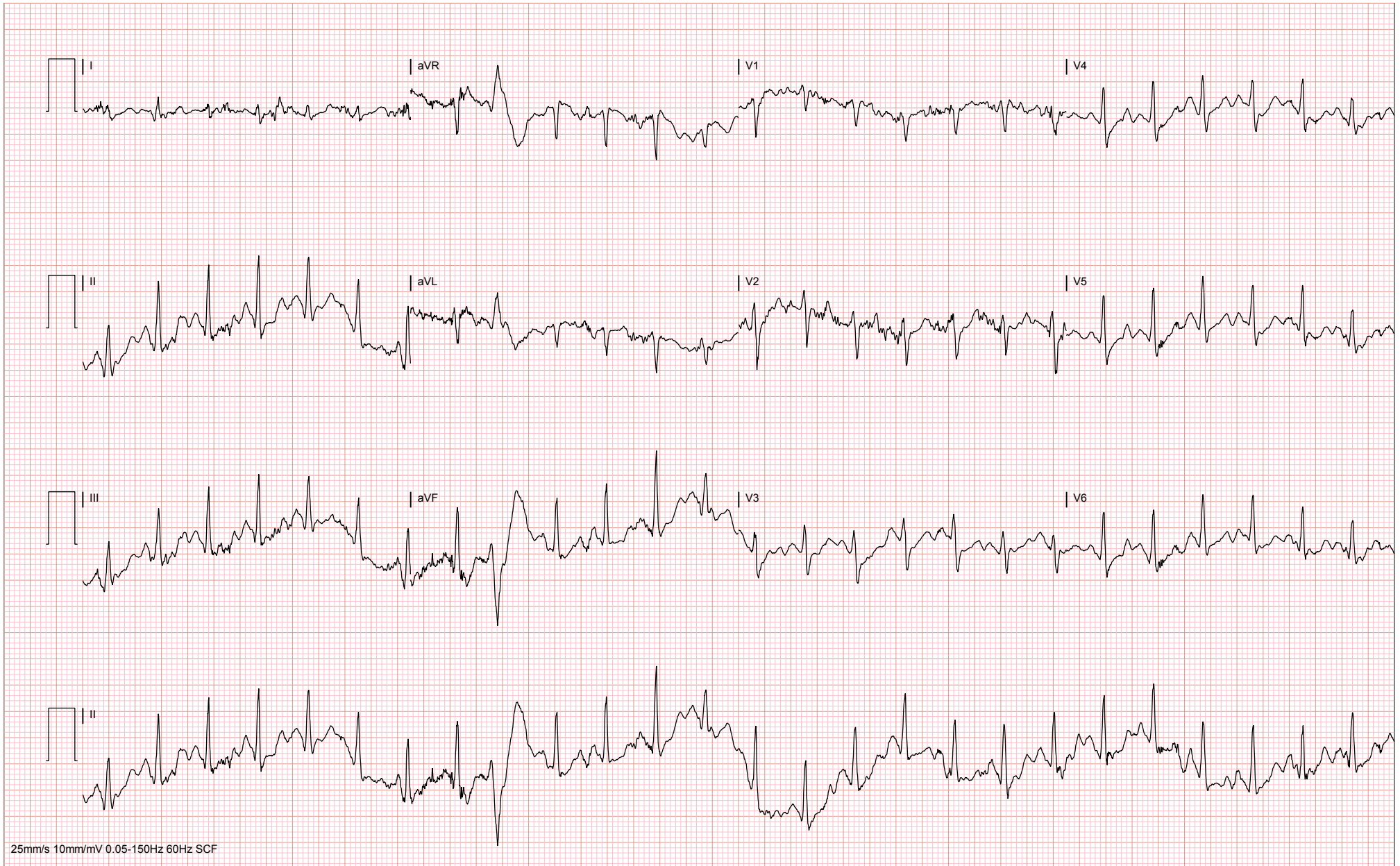
25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

Auto Print

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

09:23 EXER 6.7 km/h HR 158
00:23 STAGE 4 16 % BP 200/80
EXER 07:53

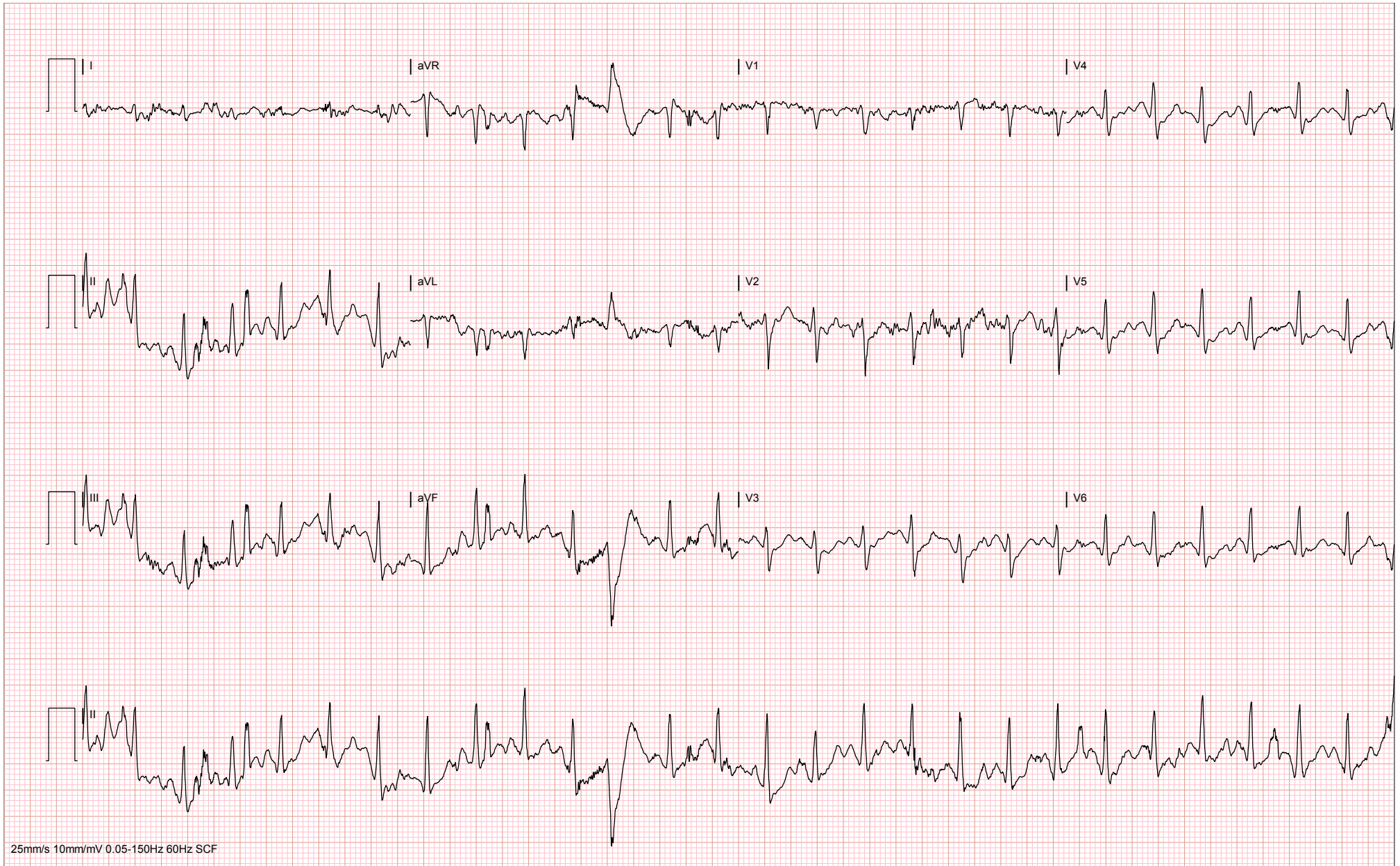


Supine

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

10:04 EXER 6.7 km/h HR 162
01:04 STAGE 4 16 % BP 200/80
EXER 07:53

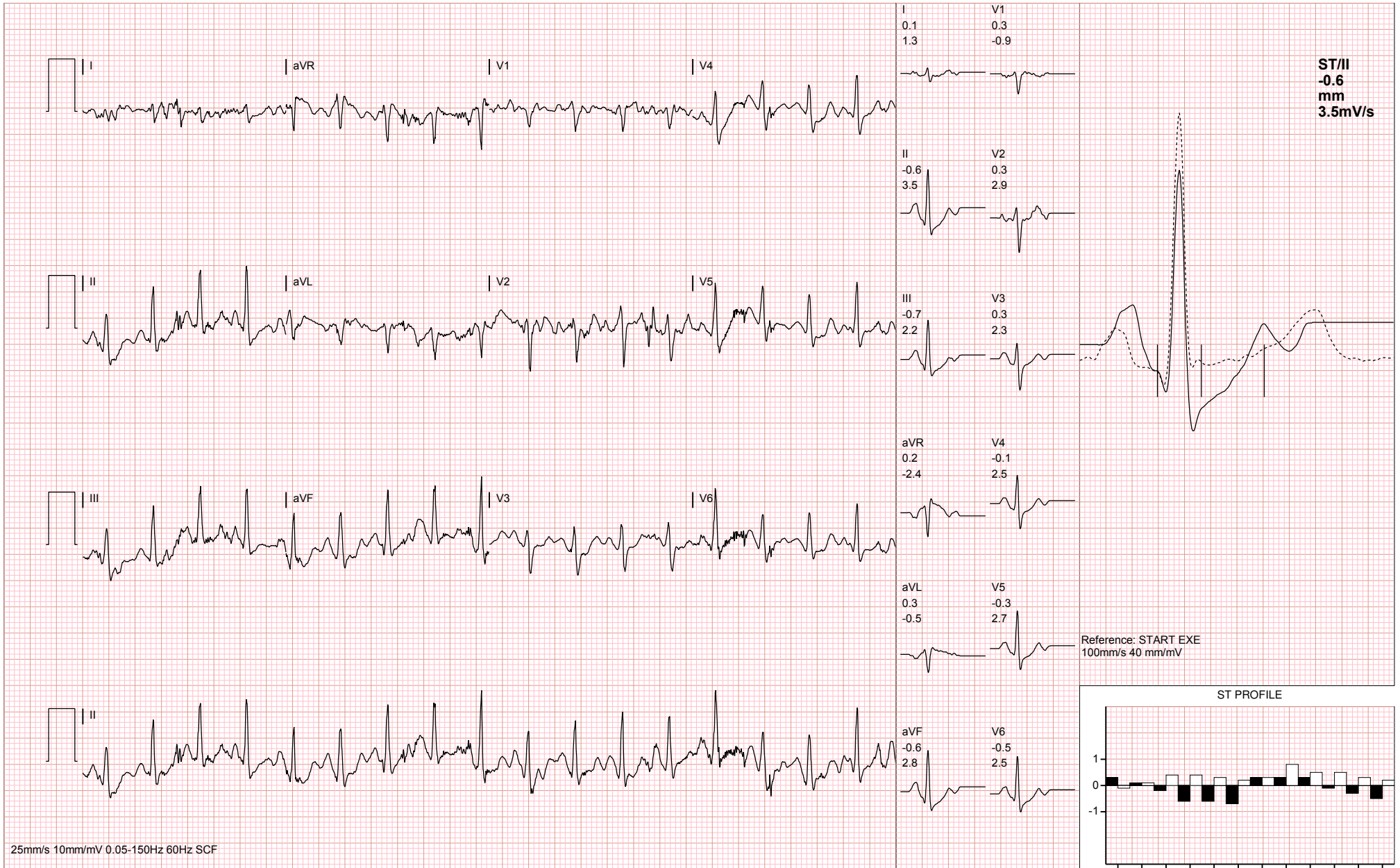


Supine

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

11:59 EXER 6.7 km/h HR 168
02:59 STAGE 4 16 % BP 200/80
EXER 07:53



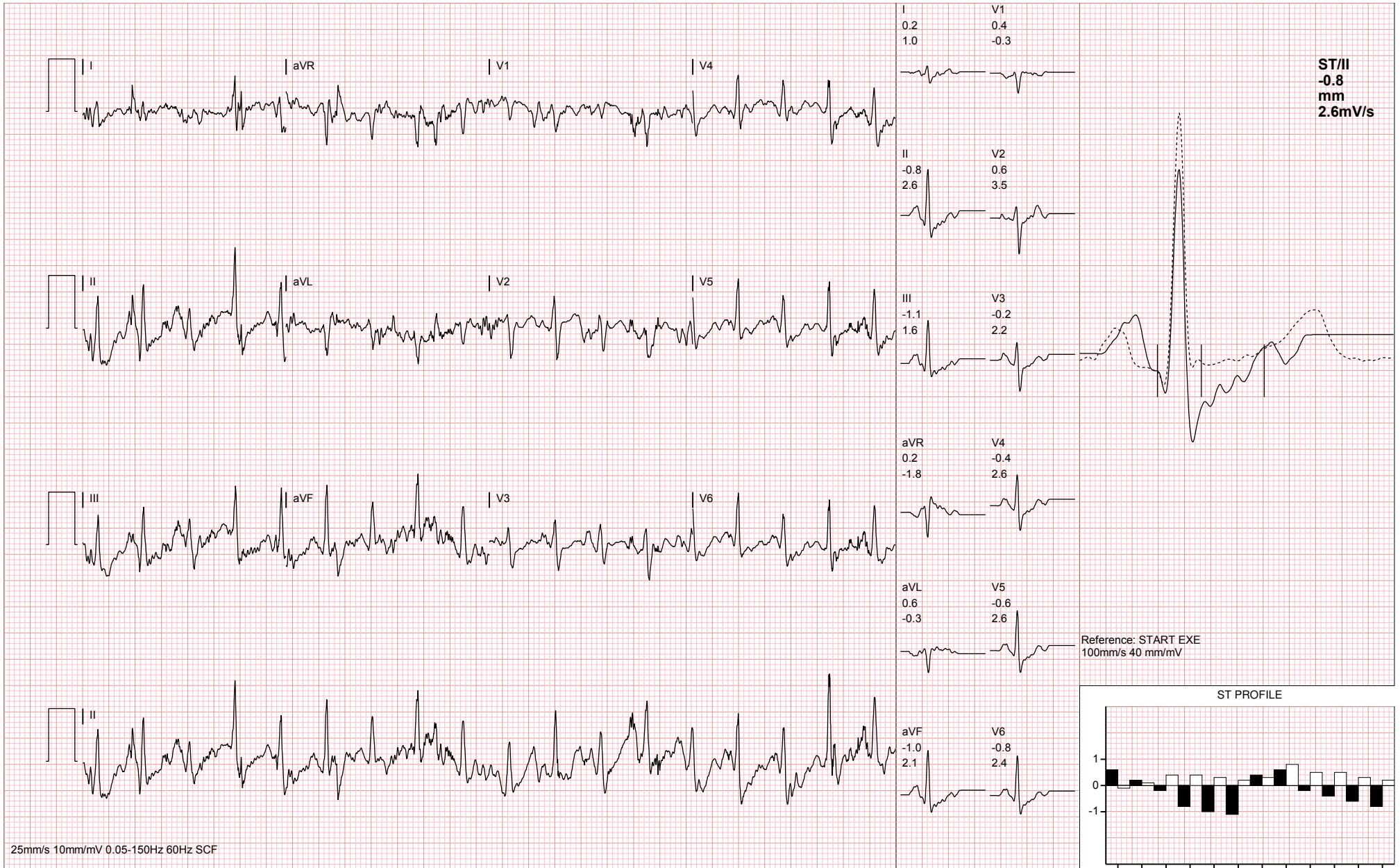
Auto Print

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
00:30 STAGE 5
8 km/h
18 %

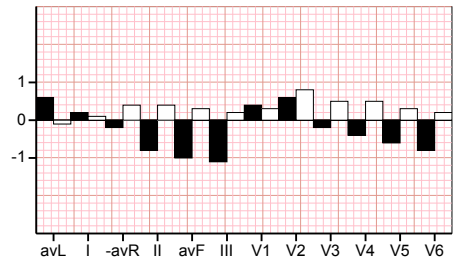
HR 172
BP 200/80
EXER 07:53



25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

Reference: START EXE
100mm/s 40 mm/mV

ST PROFILE



Peak

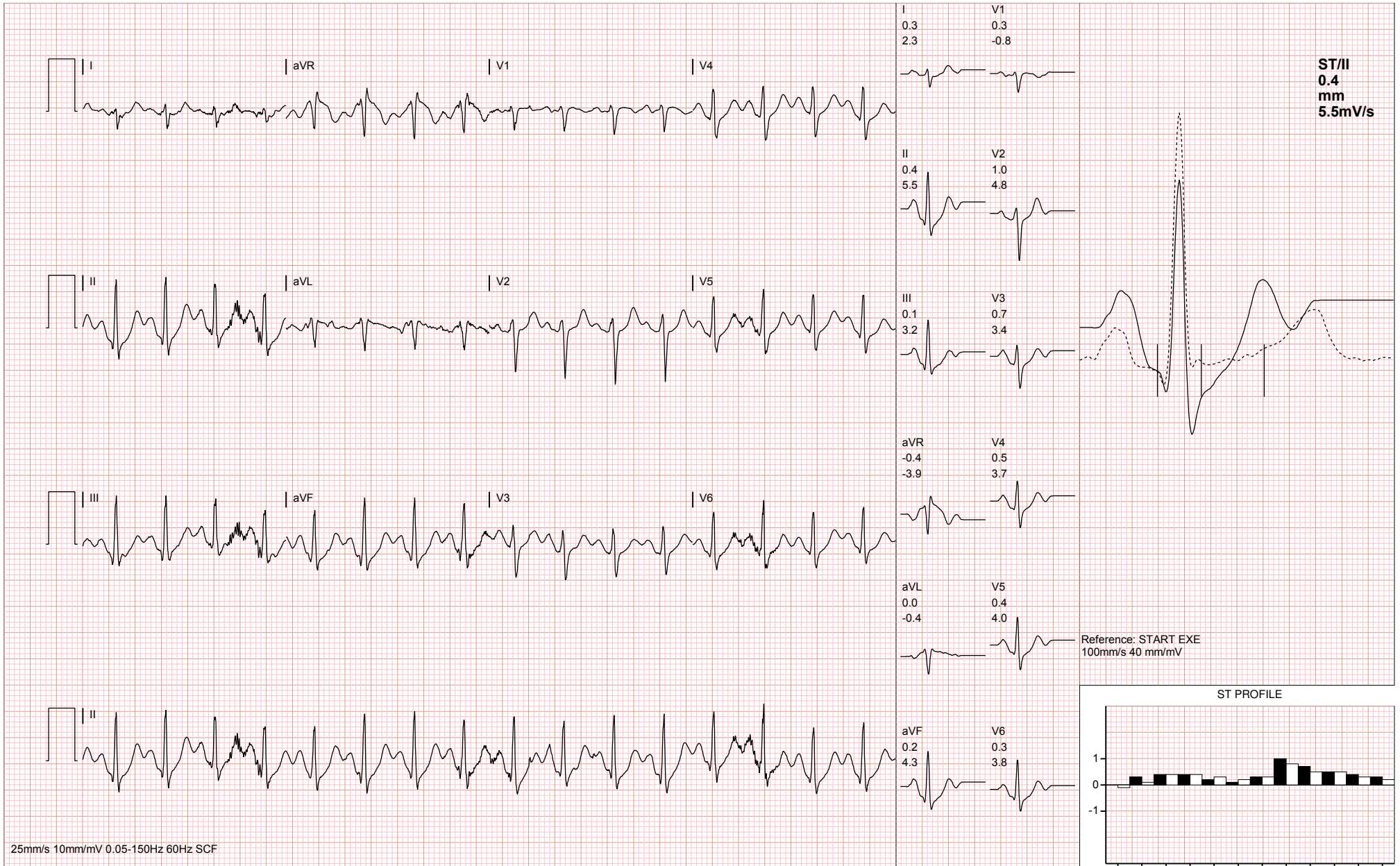
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
00:59 REC

0 km/h
0 %

HR 158
BP 140/80
REC 00:44



Auto Print

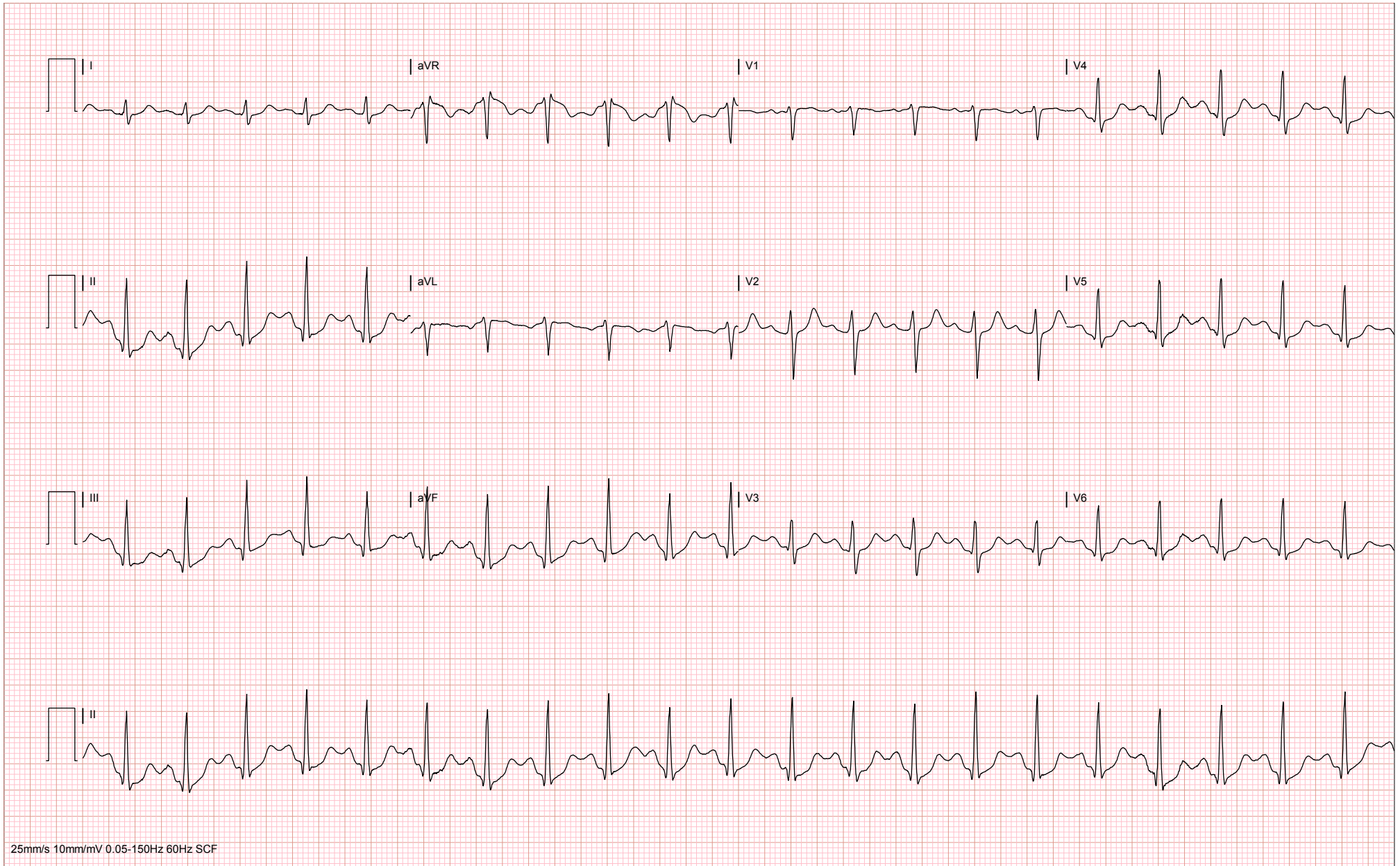
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
02:58 REC

0 km/h
0 %

HR 129
BP 130/80
REC 02:09



25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

Supine

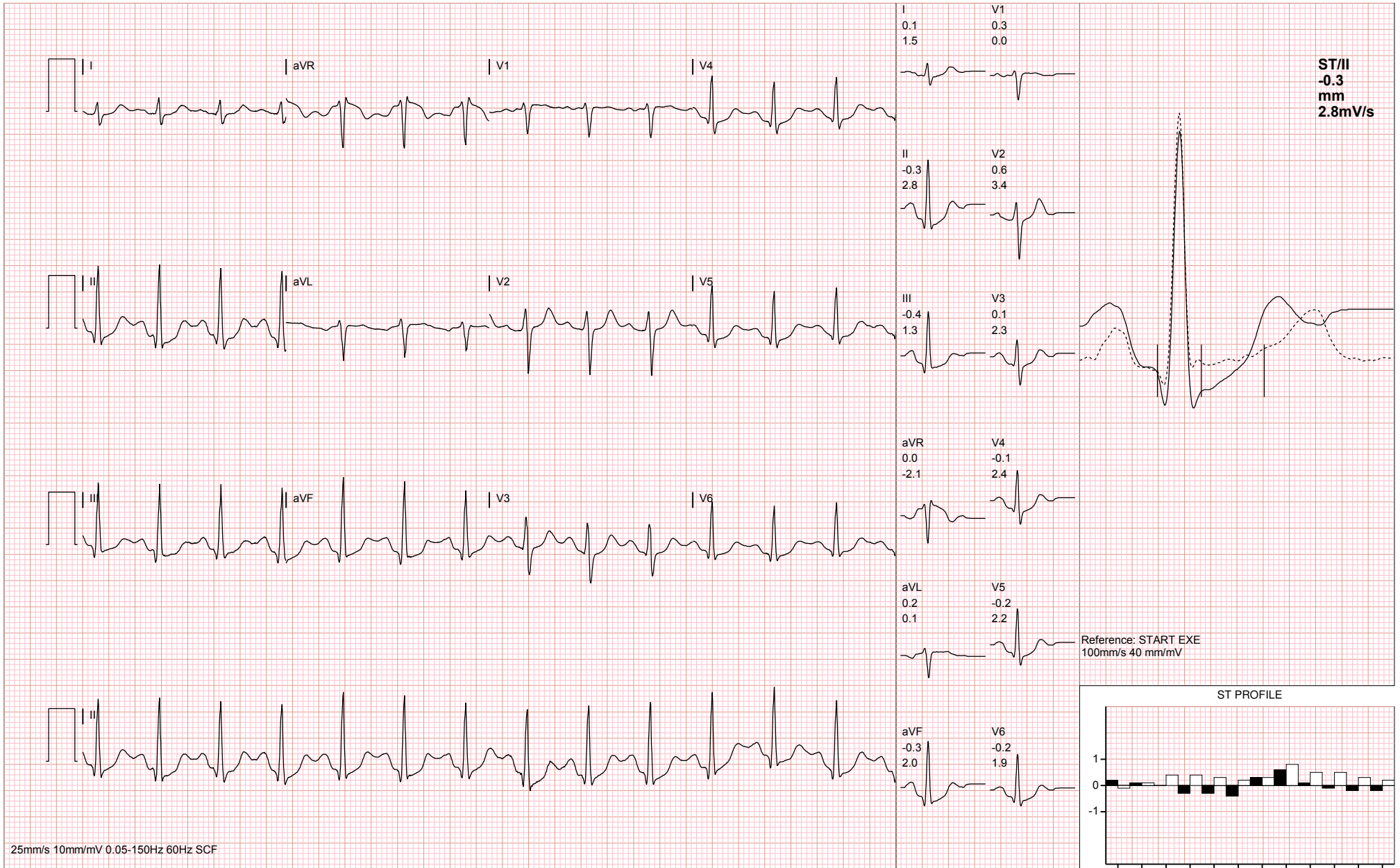
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
02:59 REC

0 km/h
0 %

HR 129
BP 130/80
REC 02:09



Auto Print

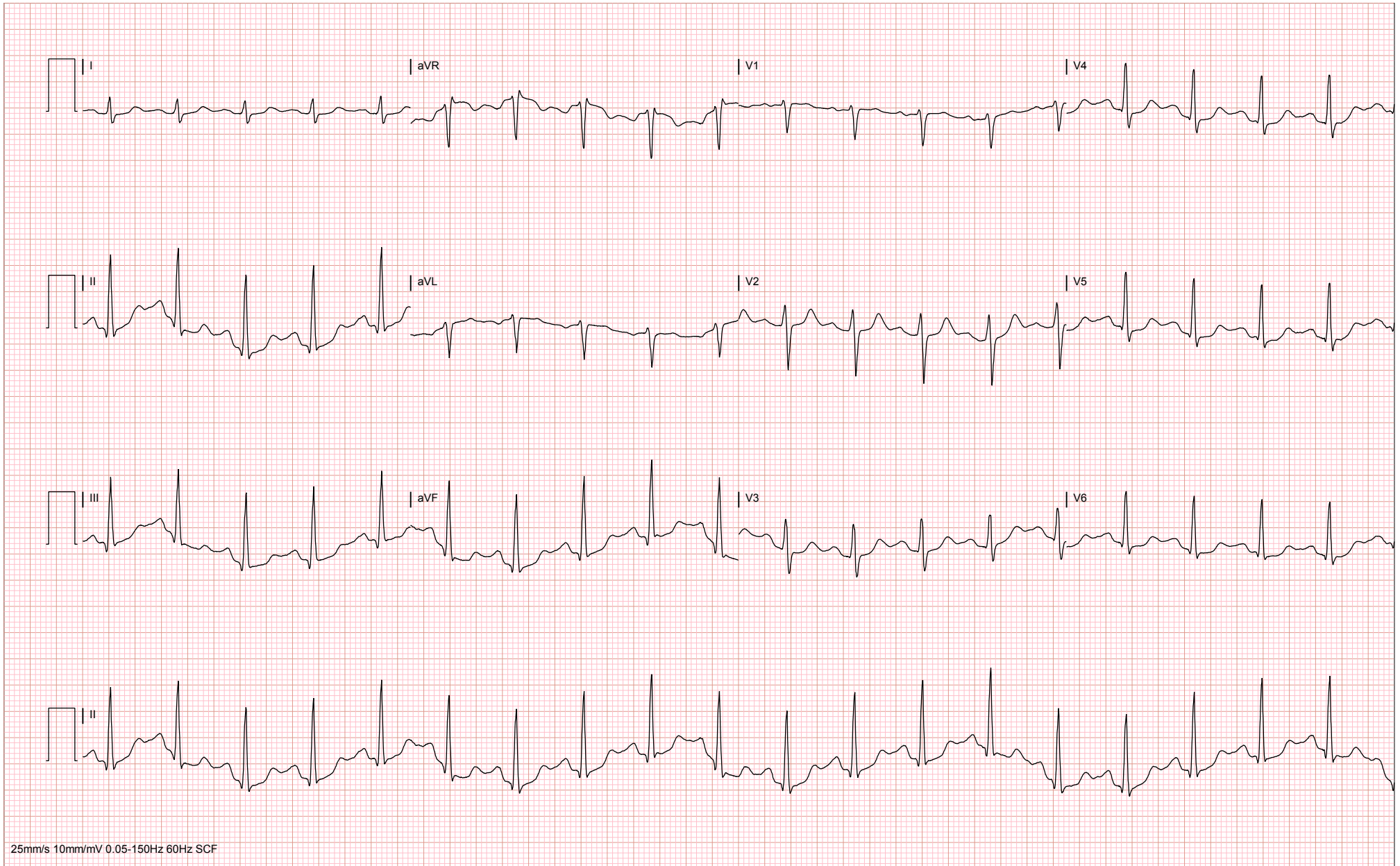
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
04:23 REC

0 km/h
0 %

HR 116
BP 130/80
REC 02:09



Supine

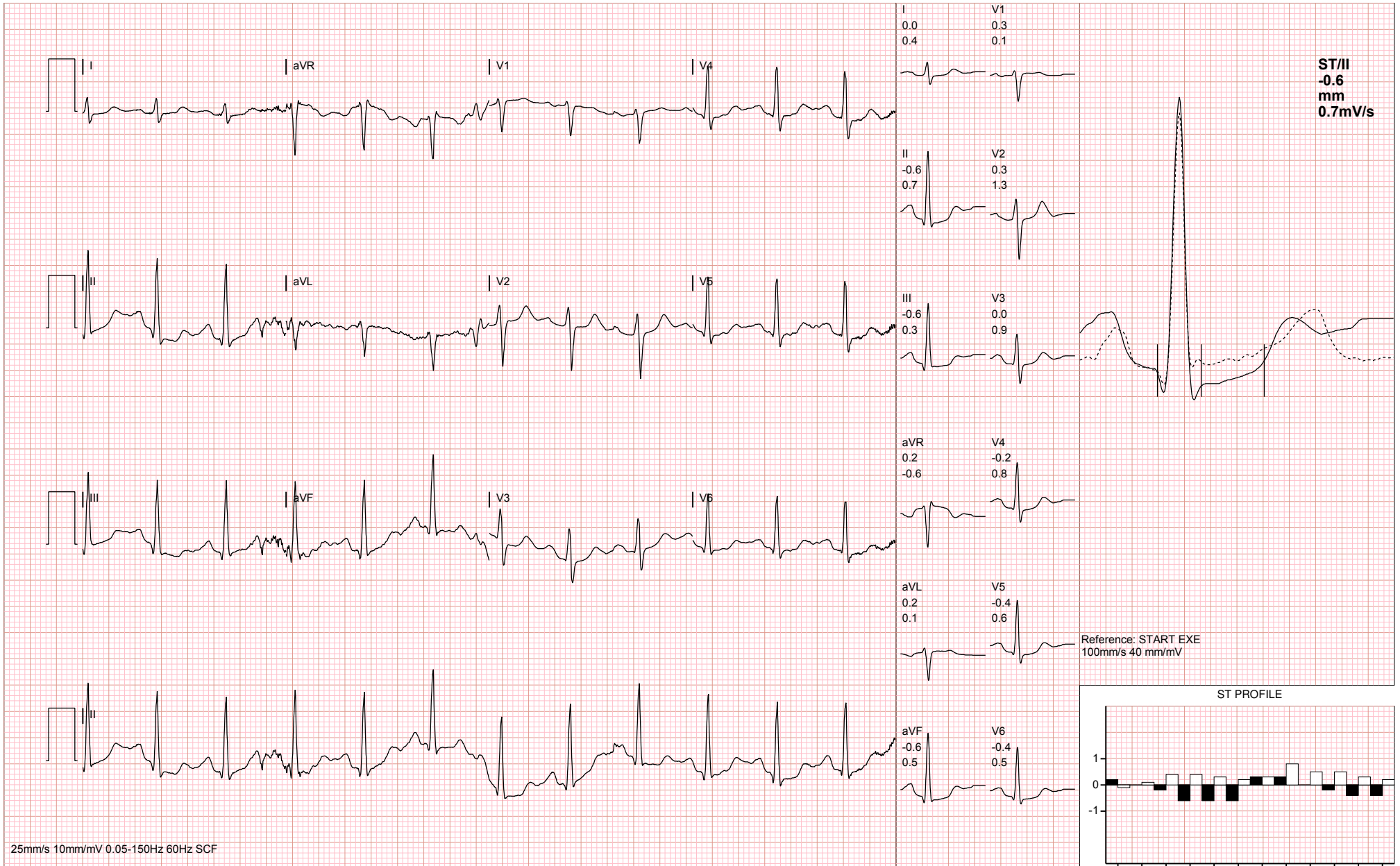
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
04:59 REC

0 km/h
0 %

HR 114
BP 130/80
REC 02:09



Auto Print

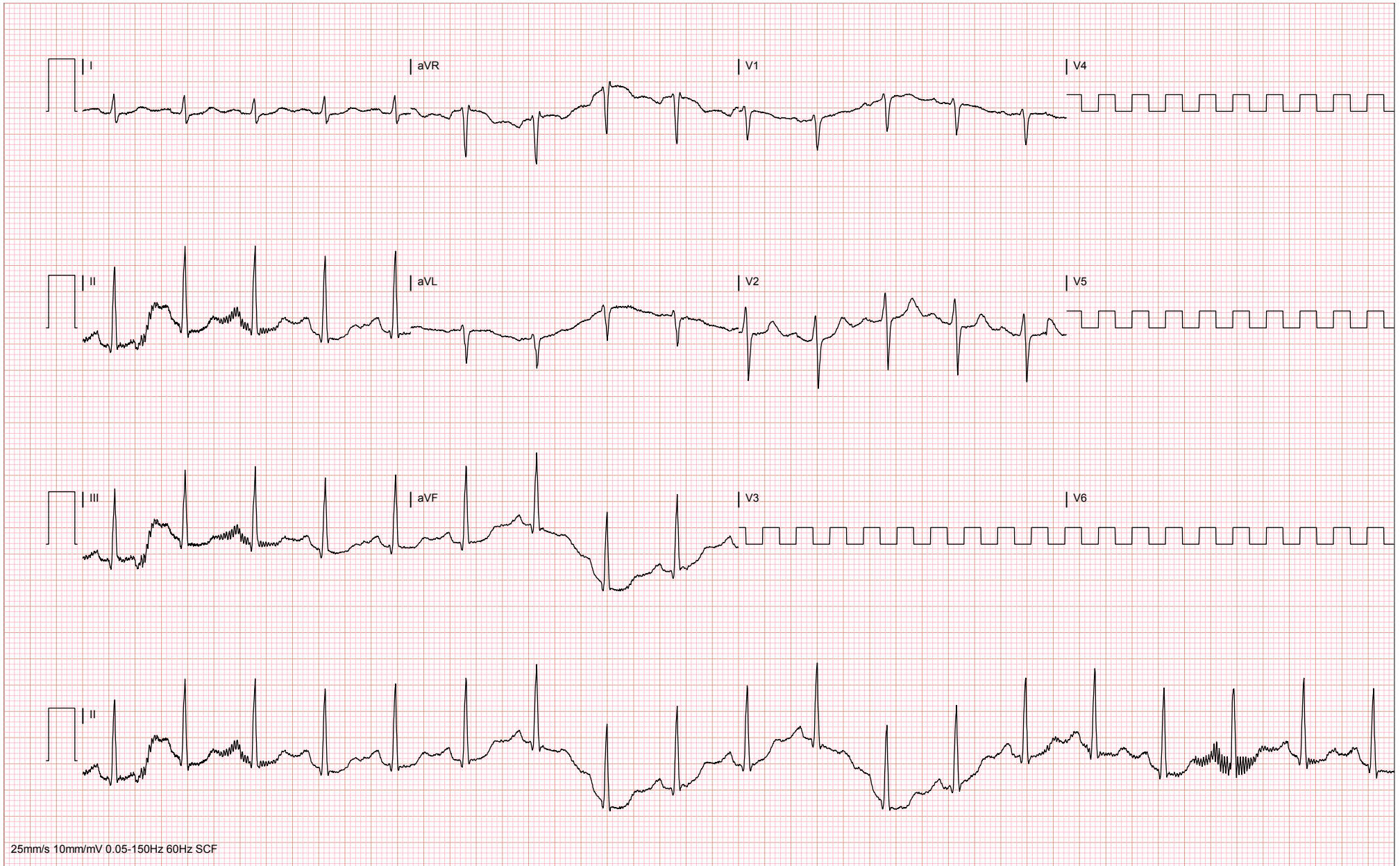
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
06:54 REC

0 km/h
0 %

HR 113
BP 130/80
REC 02:09



25mm/s 10mm/mV 0.05-150Hz 60Hz SCF

DRC

KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
06:59 REC

0 km/h
0 %

HR 113
BP 130/80
REC 02:09



Auto Print

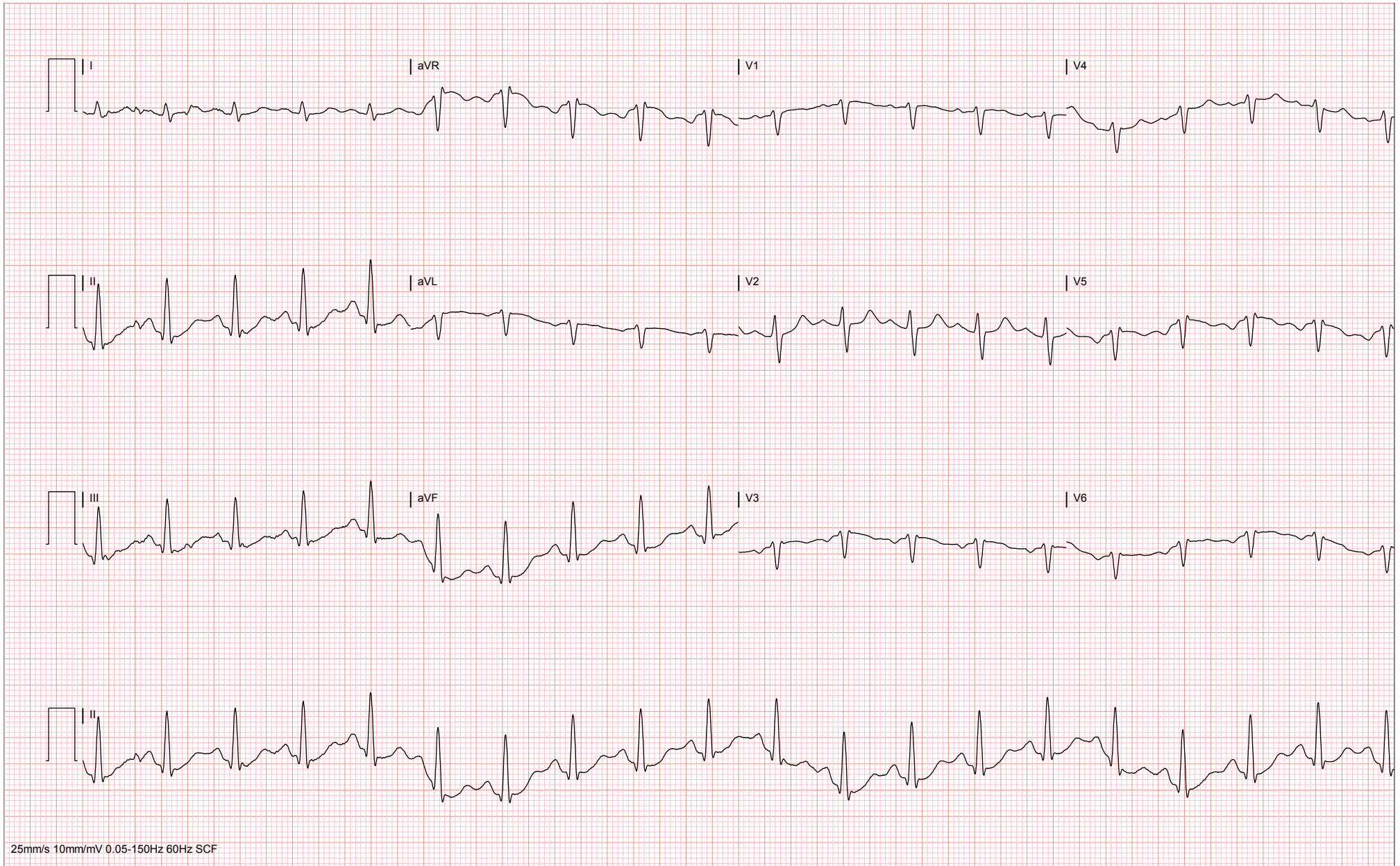
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
07:40 REC

0 km/h
0 %

HR 116
BP 130/80
REC 02:09



Supine

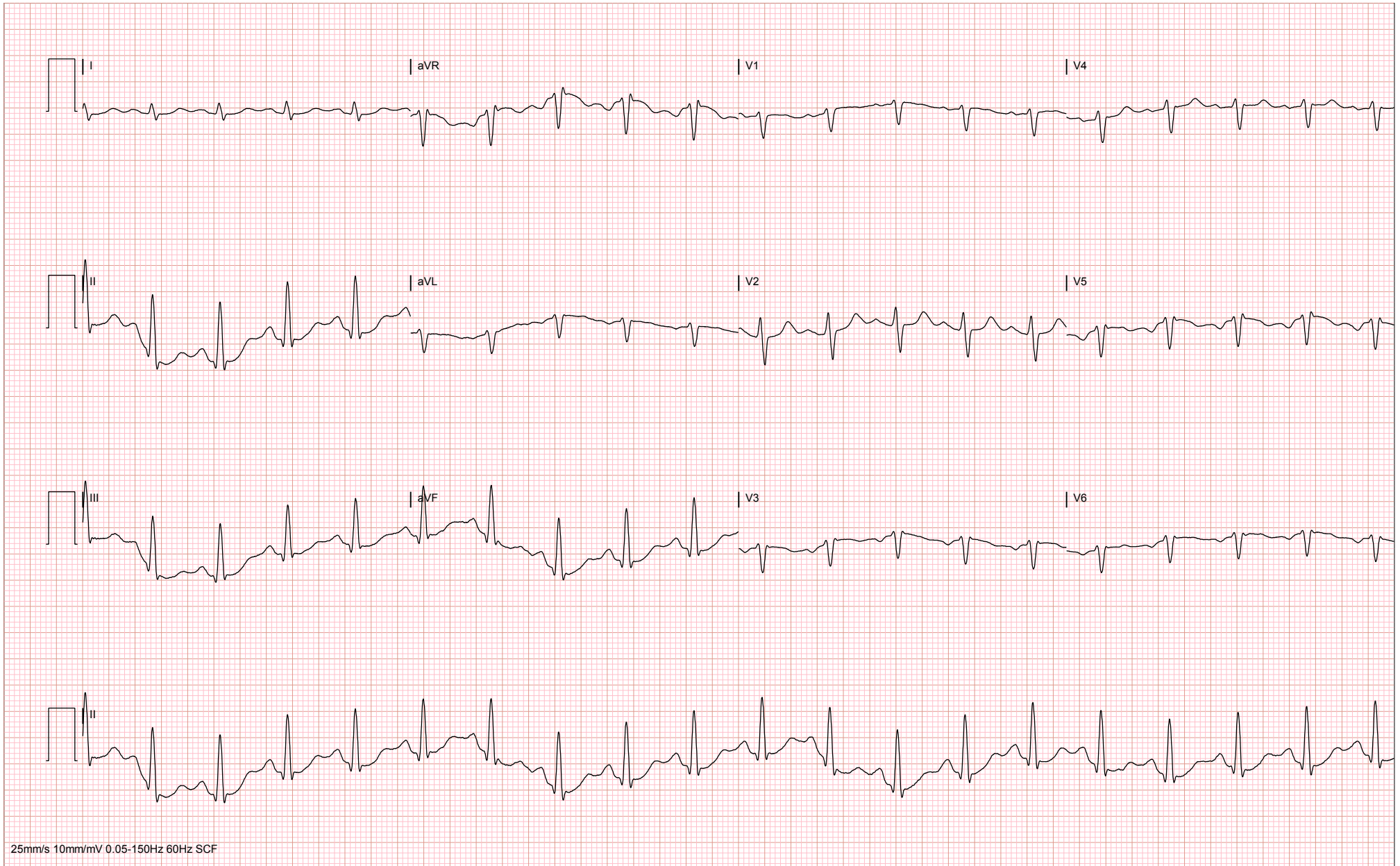
KATHLEEN FOLBIGG
MQH54321
Bruce

Exam Date: 4/18/2019 9:02:33 AM
Date of Birth: 6/14/1967
Gender: Female

12:30 EXER
07:42 REC

0 km/h
0 %

HR 116
BP 130/80
REC 02:09



DRC

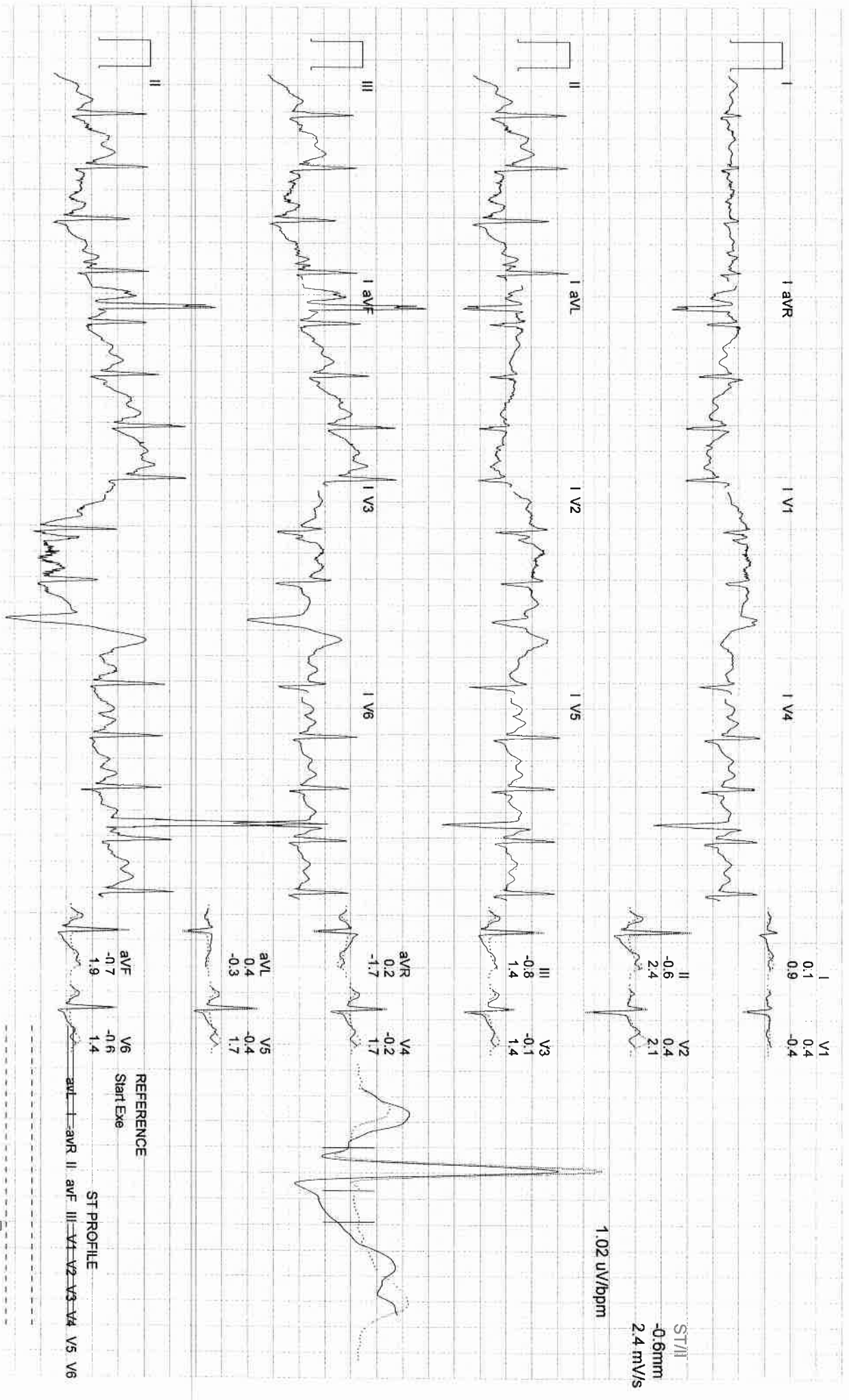
MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:21:59 AM
Date of Birth: 14-Jun-67
Gender: Female

08:22 EXER
02:22 STAGES3

5.5 km/h
14.0 %

RATE 141
BP 200/80
EXE 07:53



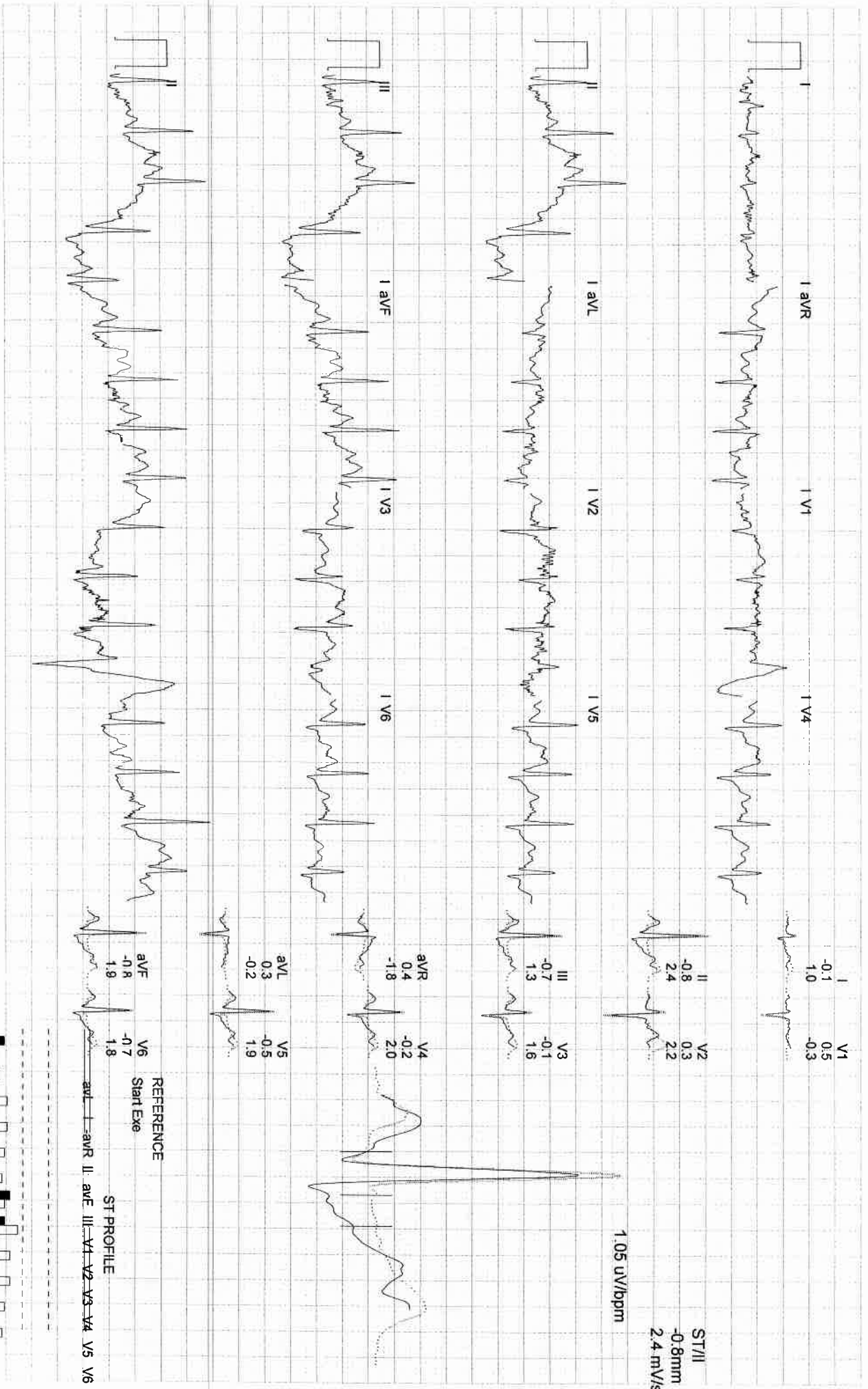
MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:22:55 AM
Date of Birth: 14-Jun-67
Gender: Female

09:18 EXER
00:18 STAGE4

6.8 km/h
16.0 %

RATE 158
BP 200/80
EXE 07:53

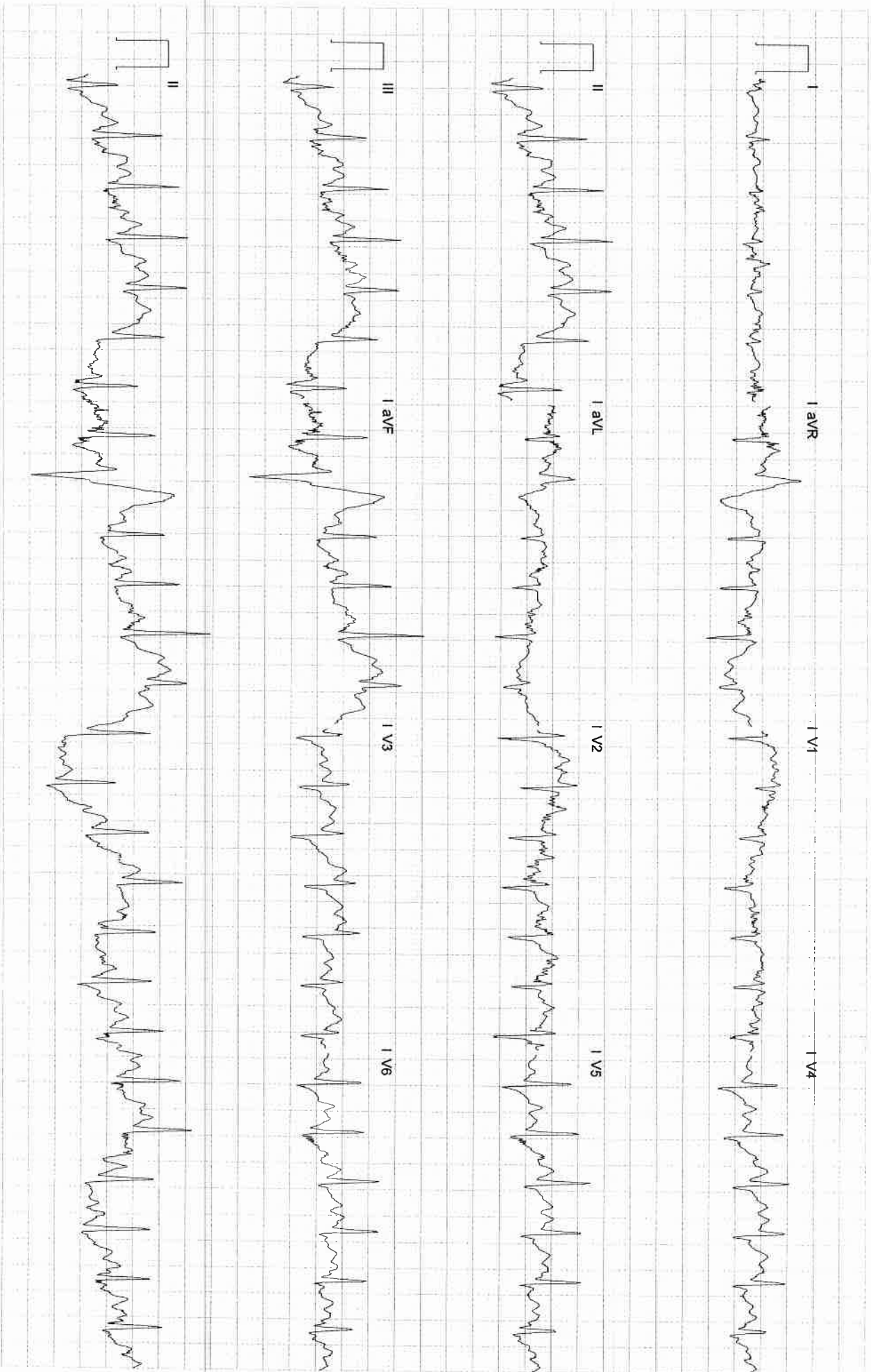


MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:23:00 AM
Date of Birth: 14-Jun-67
Gender: Female

09:23 EXER
00:23 STAGE4
6.8 km/h
16.0 %

RATE 158
BP 200/80
EXE 07:53



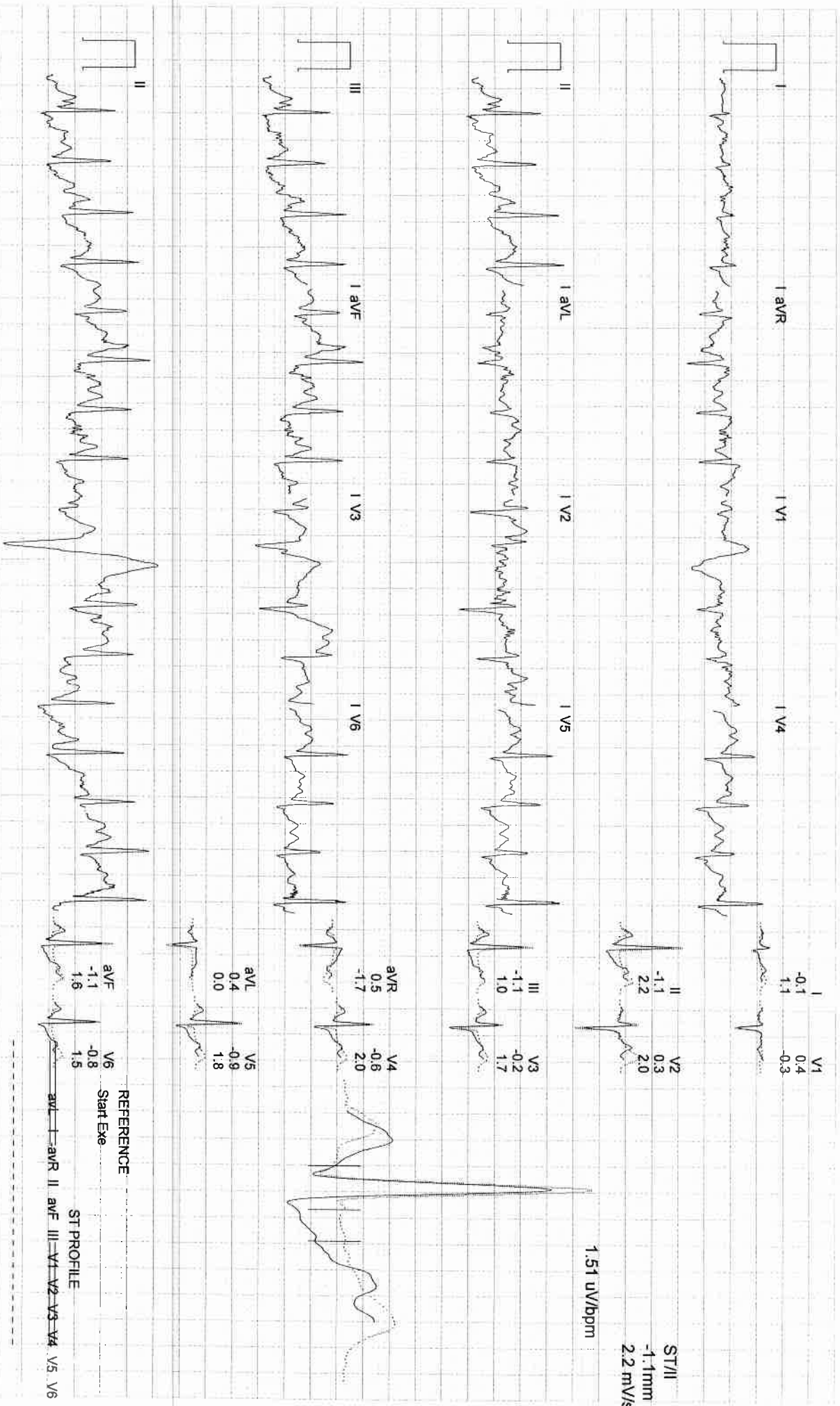
Supine

MEGAN POLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:23:15 AM
Date of Birth: 14-Jun-67
Gender: Female

09:38 EXER
00:38 STAGE4
6.8 km/h
16.0 %

RATE 150
BP 200/80
EXE 07:53



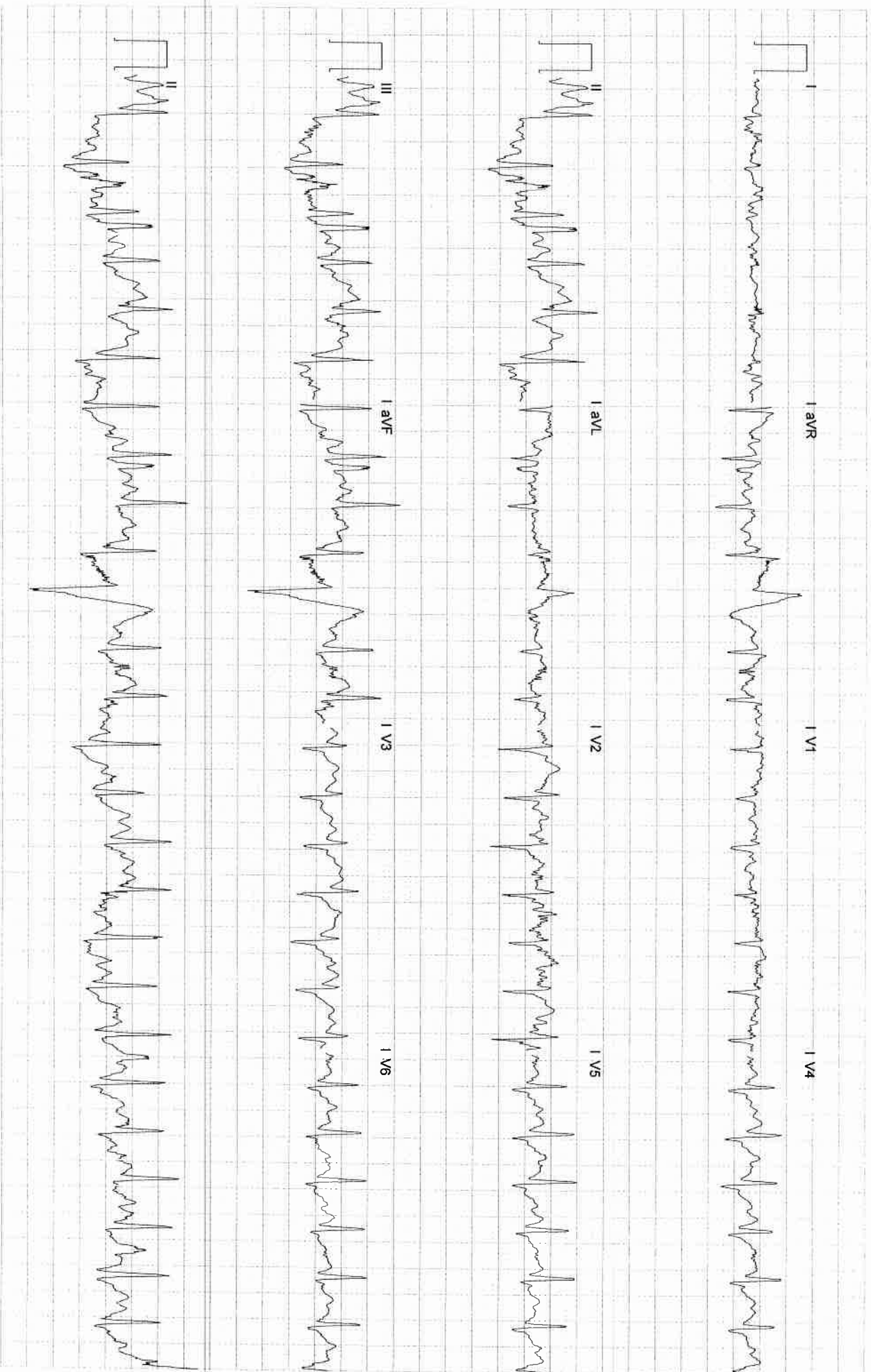
MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:23:41 AM
Date of Birth: 14-Jun-67
Gender: Female

10:04 EXER
01:04 STAGE4

6.8 km/h
16.0 %

RATE 162
BP 200/80
EXE 07:53



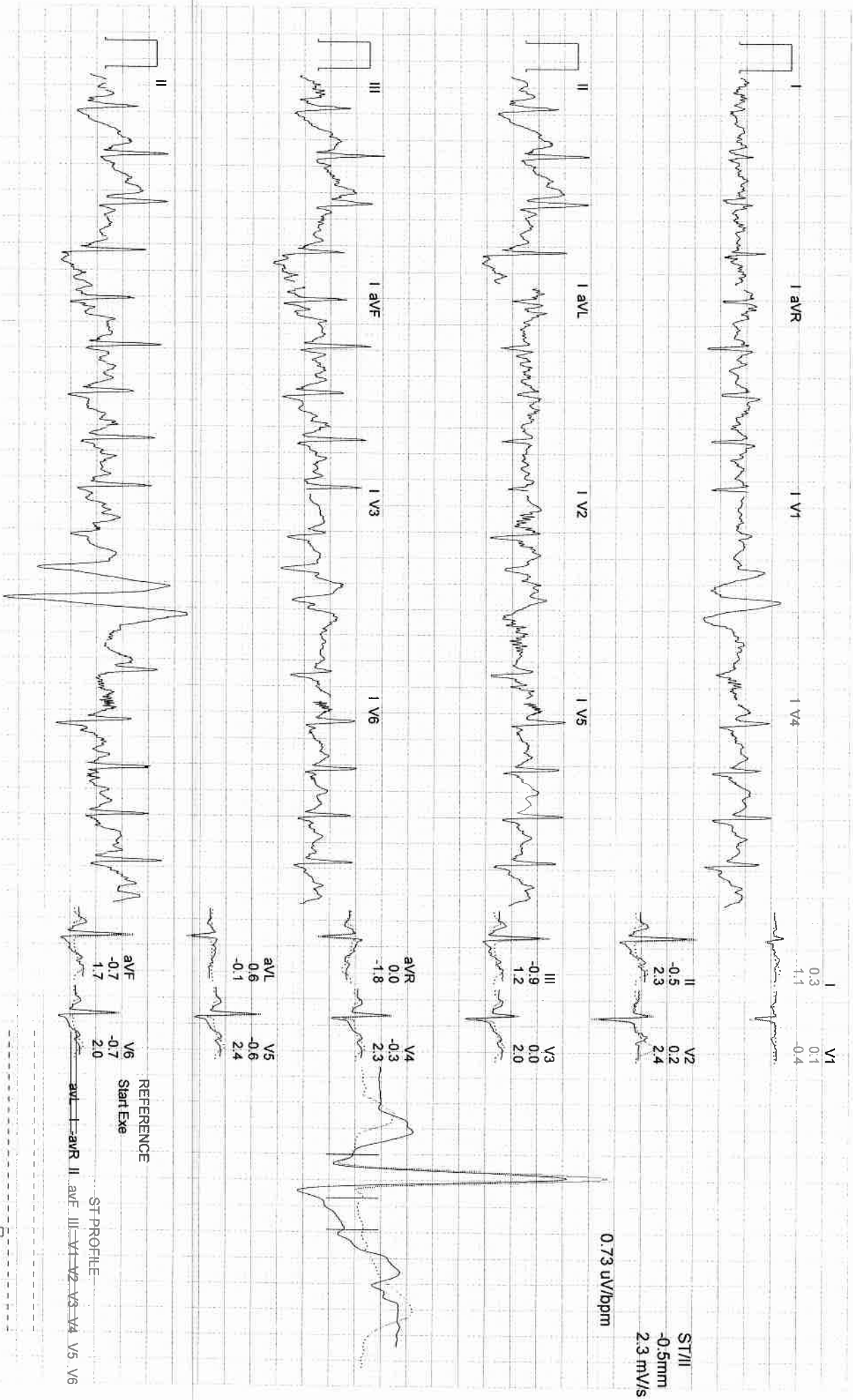
Supine

MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:24:08 AM
 Date of Birth: 14-Jun-67
 Gender: Female

10:31 EXER
 01:31 STAGE4
 6.8 km/h
 16.0 %

RATE 147
 BP 200/80
 EXE 07:53



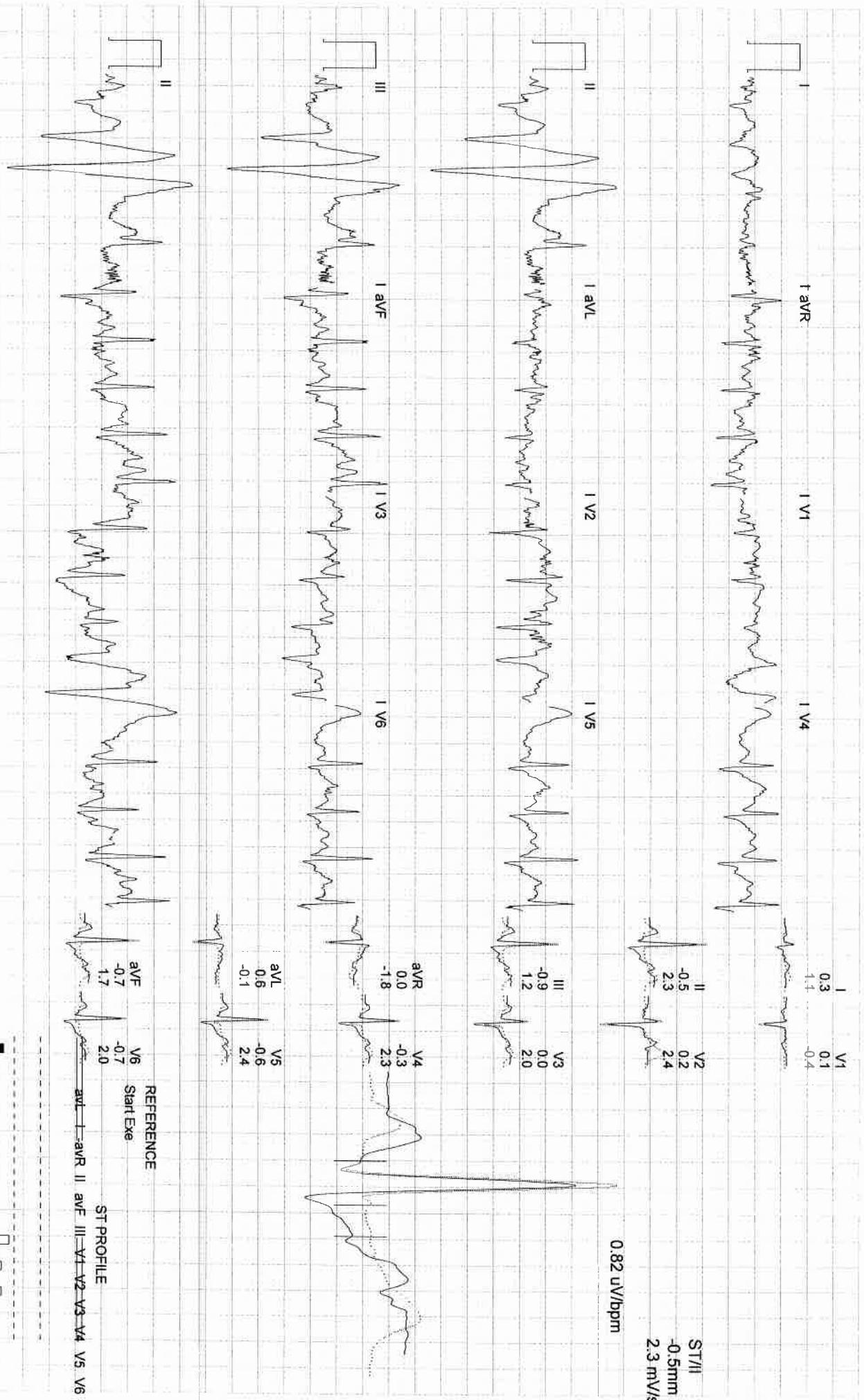
MEGAN FOEBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:24:11 AM
 Date of Birth: 14-Jun-67
 Gender: Female

10:35 EXER
 01:35 STAGE4

6.8 km/h
 16.0 %

RATE 140
 BP 200/80
 EXE 07:53

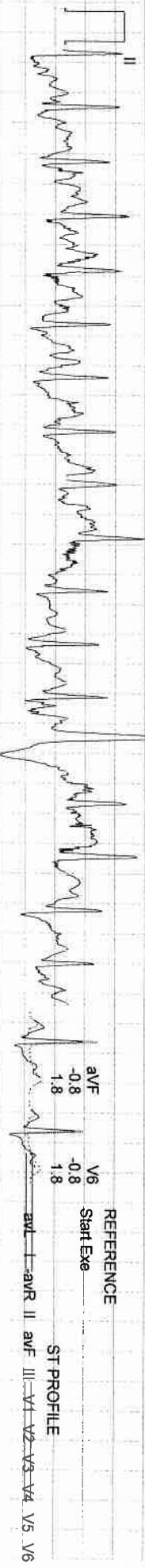
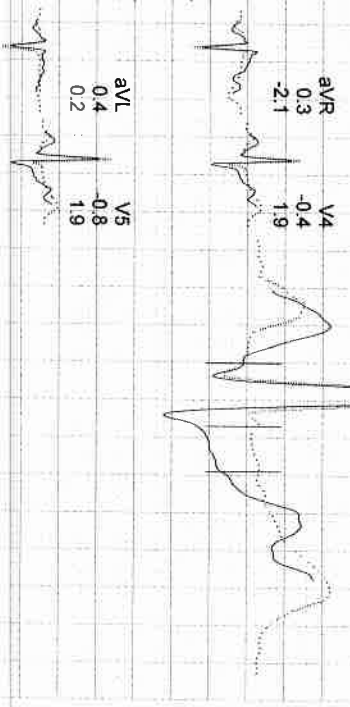
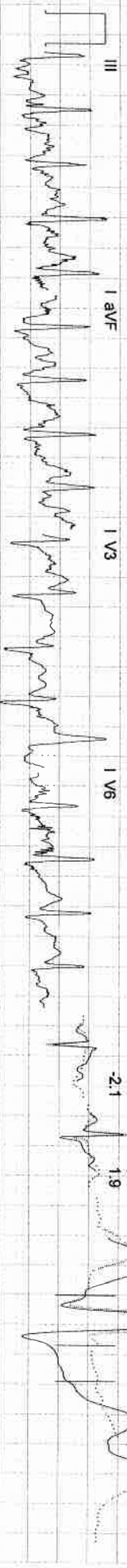
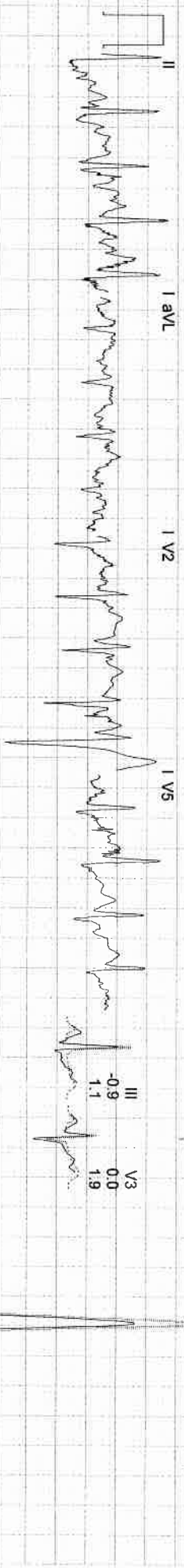
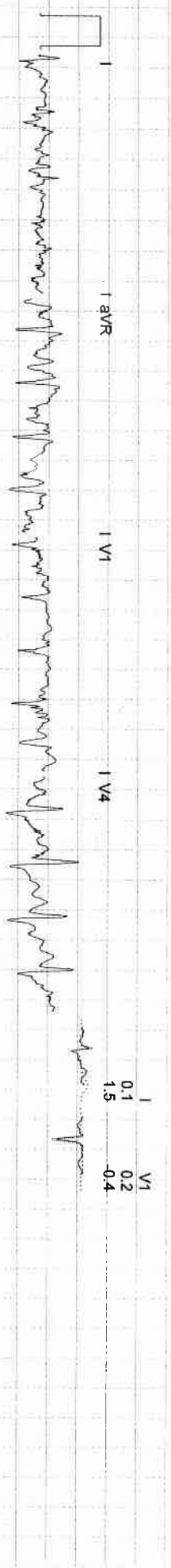


MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:24:59 AM
 Date of Birth: 14-Jun-67
 Gender: Female

11:22 EXER
 02:22 STAGE4
 16.0 %

RATE 168
 BP 200/80
 EXE 07:53



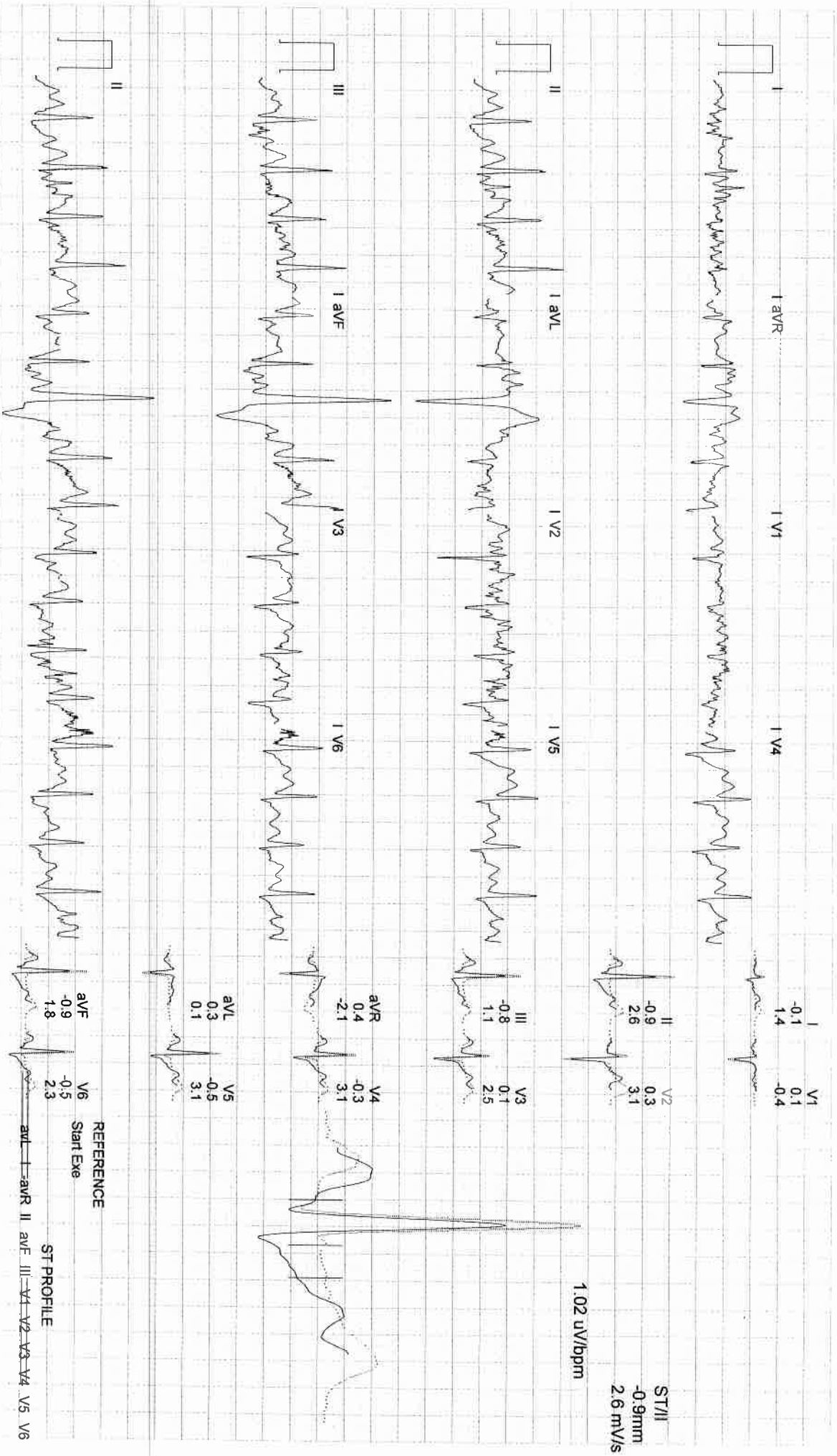
REFERENCE
 Start Exe
 ST PROFILE
 aVL II aVR III V1 V2 V3 V4 V5 V6

MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:25:16 AM
 Date of Birth: 14-Jun-67
 Gender: Female

11:40 EXER
 02:40 STAGE4
 6.8 km/h
 16.0 %

RATE 168
 BP 200/80
 EXE 07:53



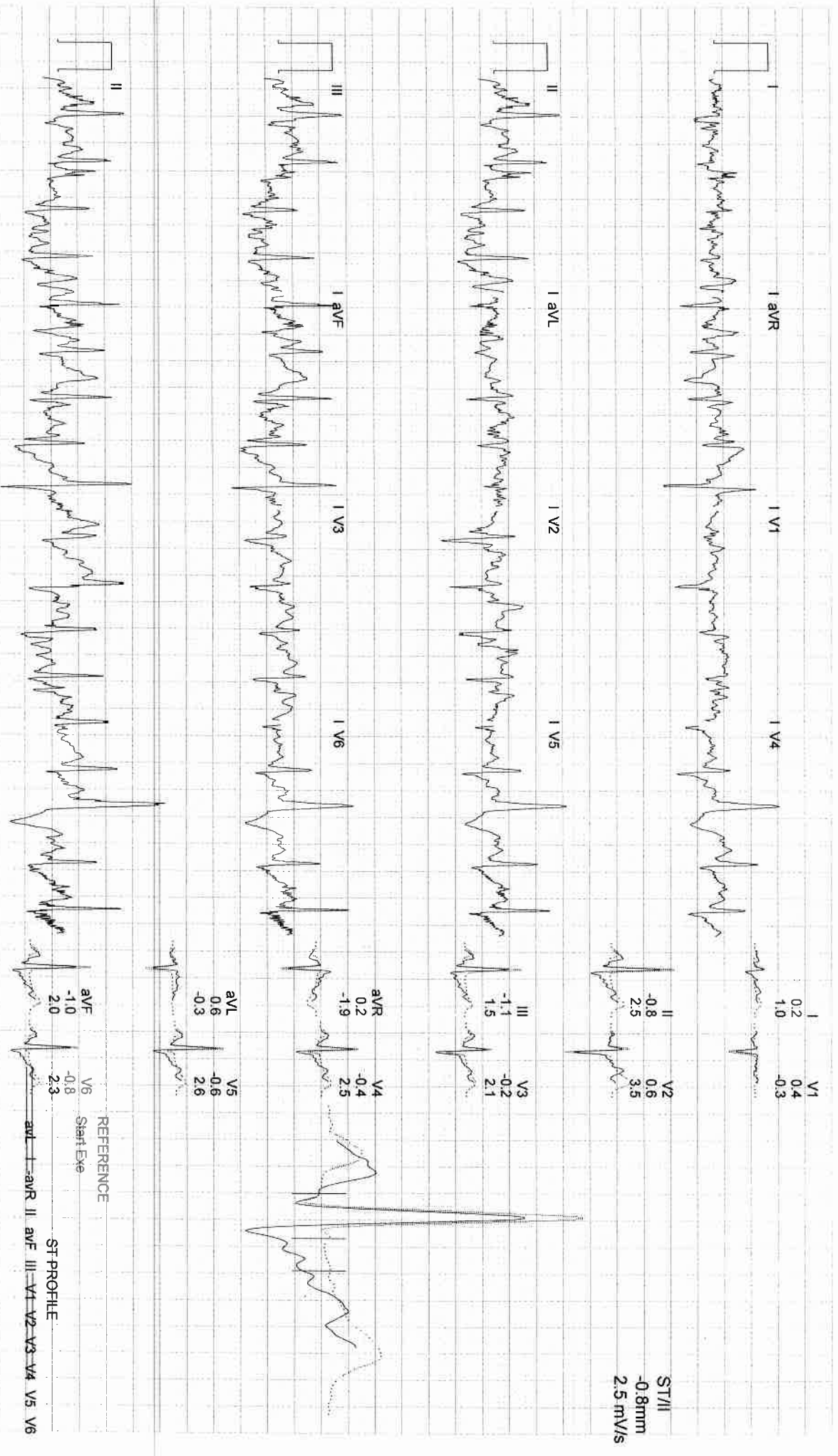
MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:26:12 AM
Date of Birth: 14-Jun-67
Gender: Female

12:30 EXER
00:05 REC

--- km/h
---%

RATE 173
BP 200/80
EXE 07:53



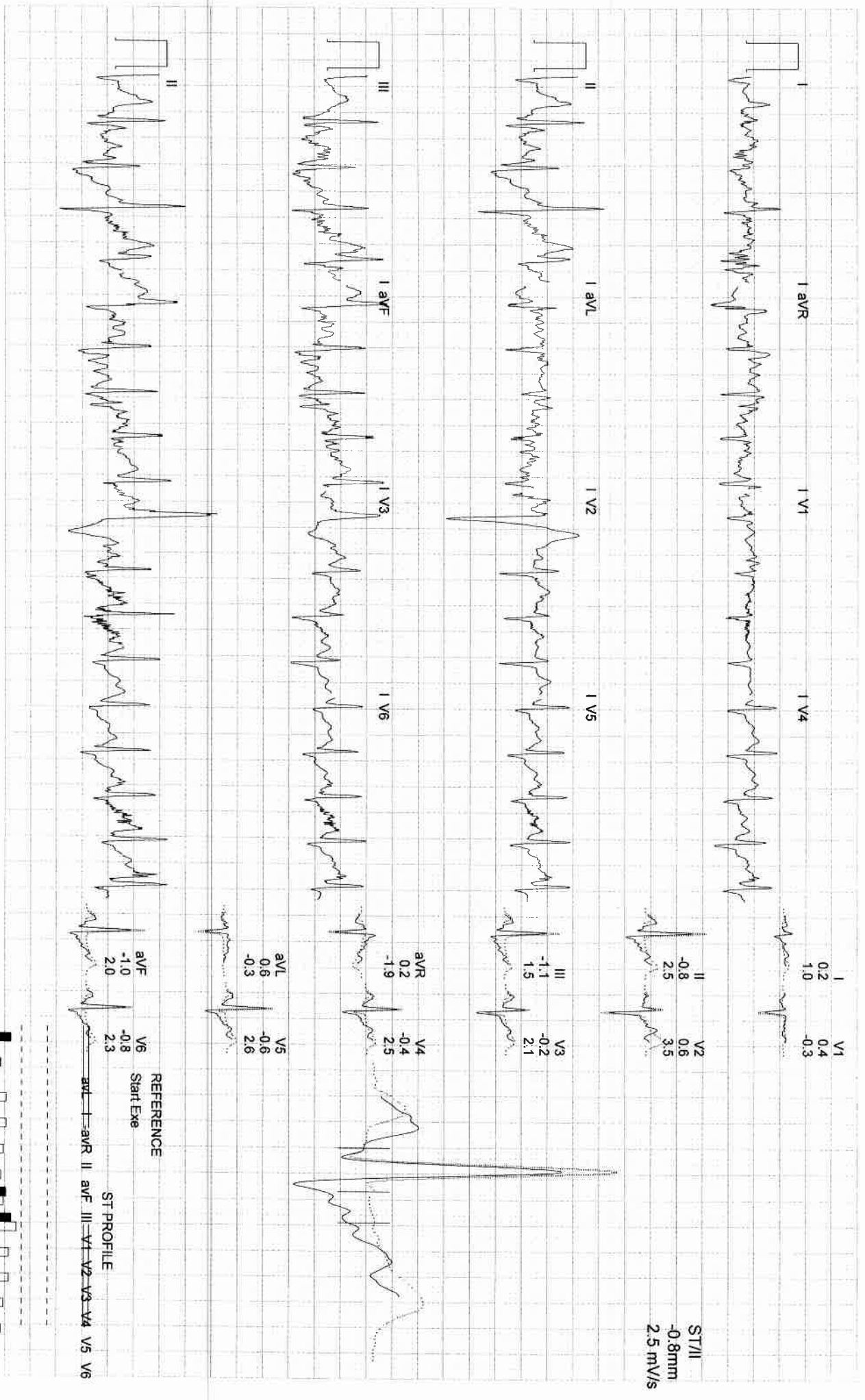
MEGAN FOLBIGG
MQH54321
Bruce

Print Time: 18-Apr-19 9:26:14 AM
Date of Birth: 14-Jun-67
Gender: Female

12:30 EXER
00:07 REC

--- km/h
--- %

RATE 173
BP 200/80
EXE 07:53



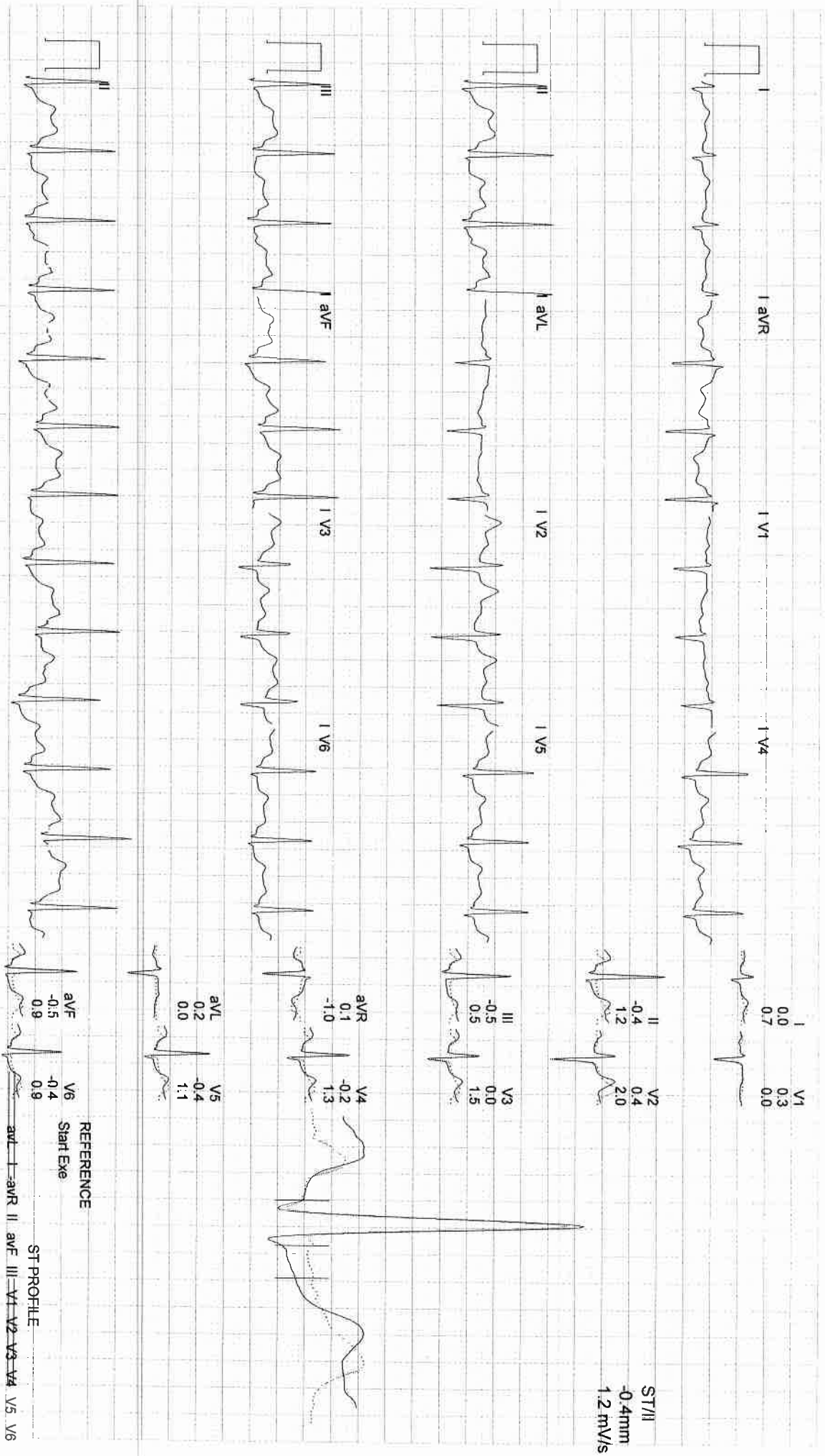
MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:30:01 AM
 Date of Birth: 14-Jun-67
 Gender: Female

12:30 EXER
 03:54 REC

--- km/h
 ---%

RATE 119
 BP 130/80
 REC 02:09



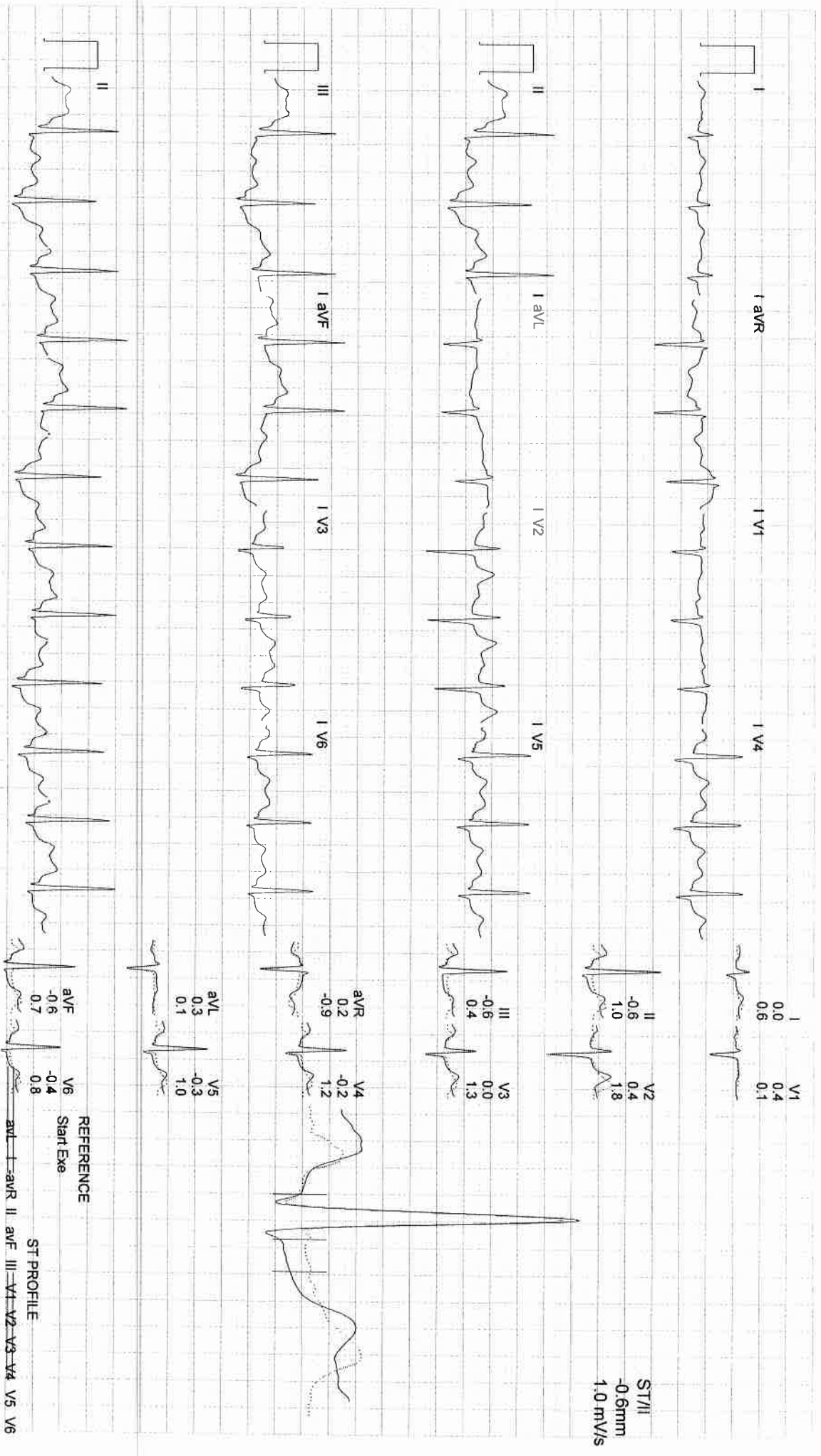
MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:30:15 AM
 Date of Birth: 14-Jun-67
 Gender: Female

12:30 EXER
 04:08 REC

--- km/h
 ---%

RATE 117
 BP 130/80
 REC 02:09

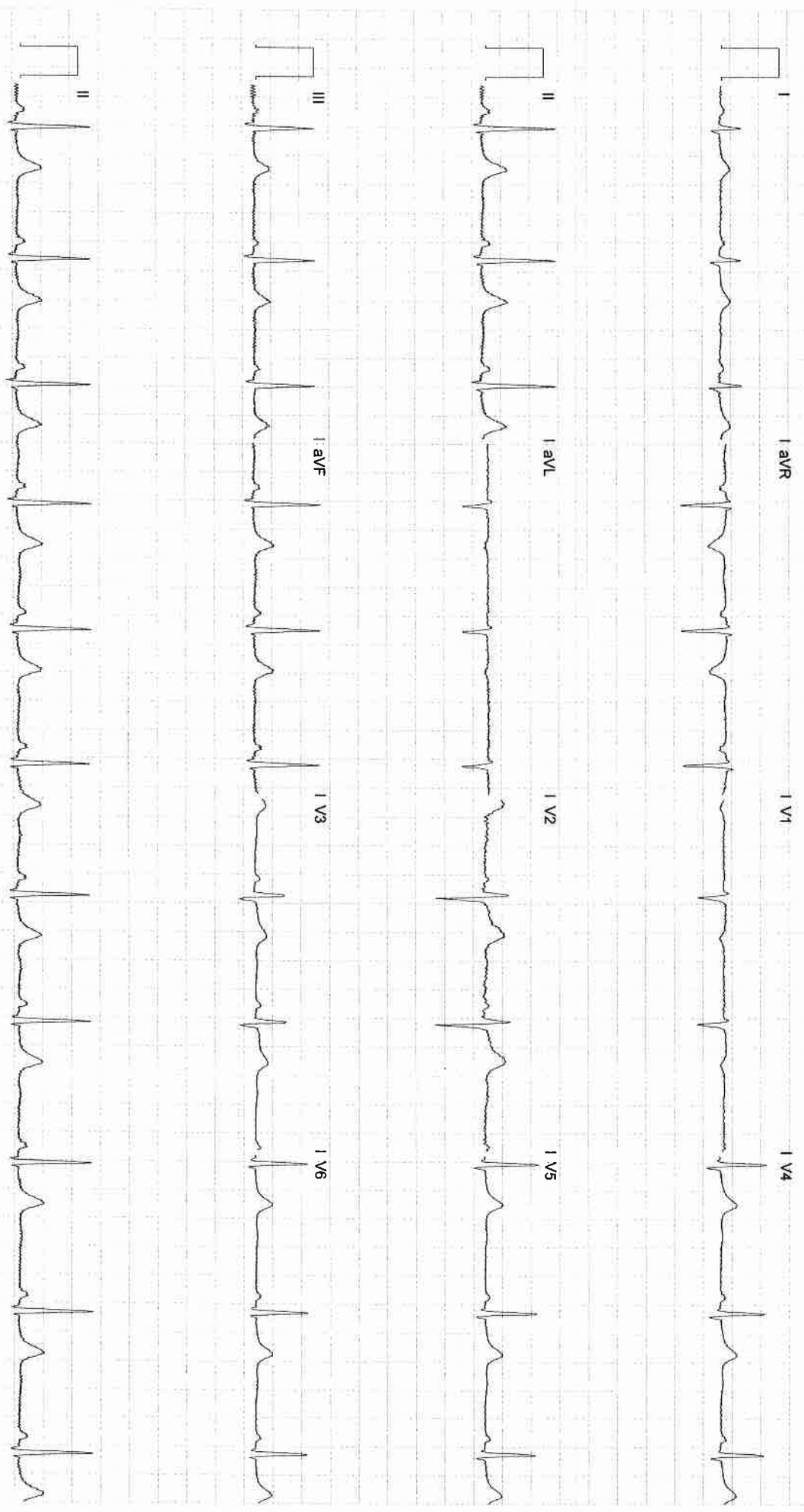


MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:02:46 AM
 Date of Birth: 14-Jun-67
 Gender: Female

Vent rate: 64 BPM
 PR int: 134 ms
 ORS dur: 87 ms
 QT/QTc: 400/410 ms
 P-R-T axes: 60 81 68

SINUS RHYTHM WITH SINUS ARRHYTHMIA
 NORMAL ECG
 UNCONFIRMED REPORT



00:12 Pre Exe

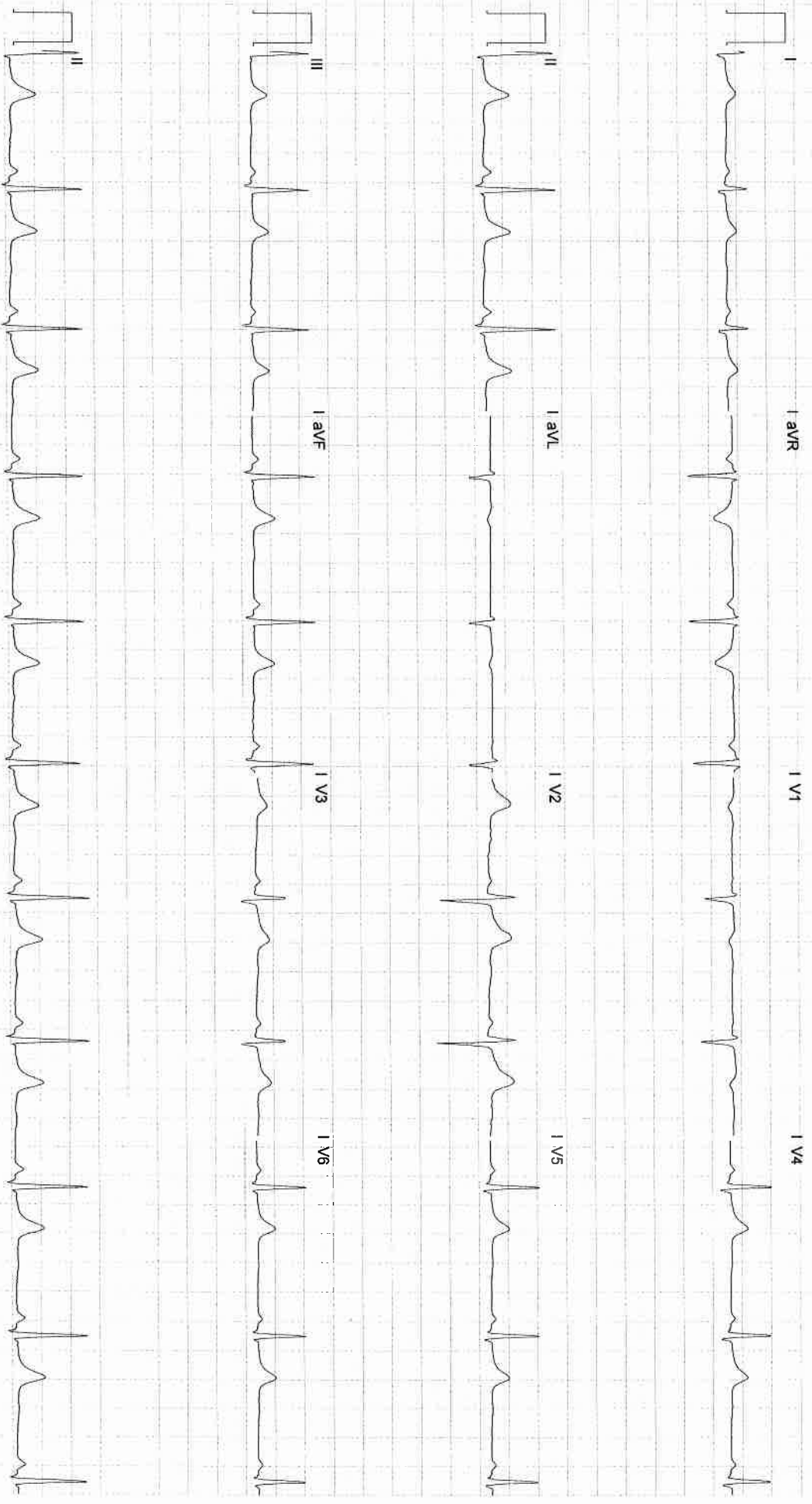
Supine

BP ---/---

MEGAN FOLBIGG
MOH54321
Bruce

Print Time: 18-Apr-19 9:06:54 AM
Date of Birth: 14-Jun-67
Gender: Female

Vent rate: 61 BPM
PR Int: 133 ms
QRS dur: 91 ms
QT/QTc: 406/409 ms
P-R-T axes: 63 78 66
SINUS RHYTHM
NORMAL ECG
UNCONFIRMED REPORT



04:21 Pre Exe

Supine

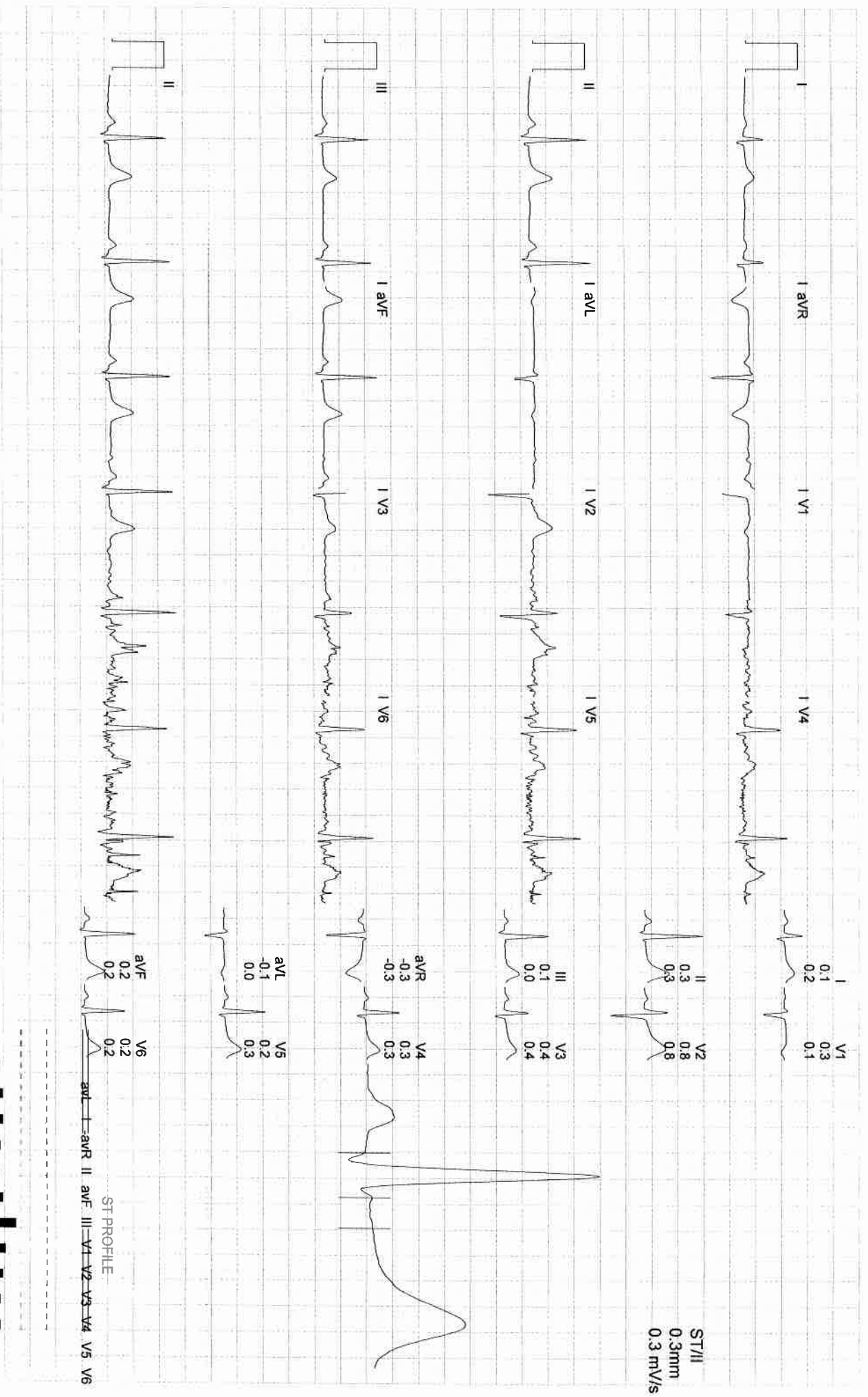
BP ---/---

MEGAN FOELBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:22 AM
 Date of Birth: 14-Jun-67
 Gender: Female

05:49 Pre Exe

--- km/h
 --- %
 RATE 61
 BP ---/---

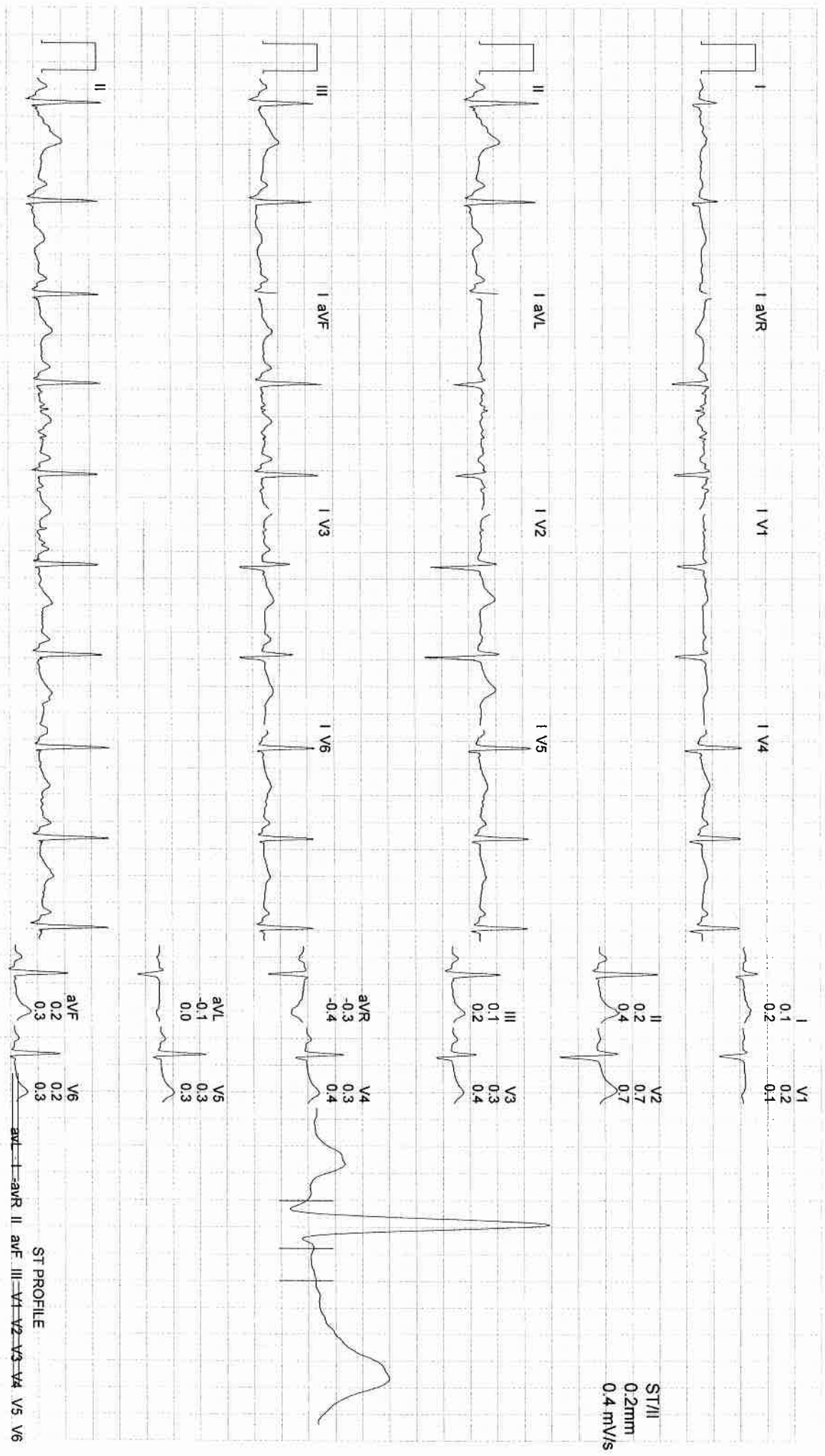


MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:35 AM
 Date of Birth: 14-Jun-67
 Gender: Female

06:01 Pre Exe

--- km/h
 --- %
 RATE 81
 BP ---/---

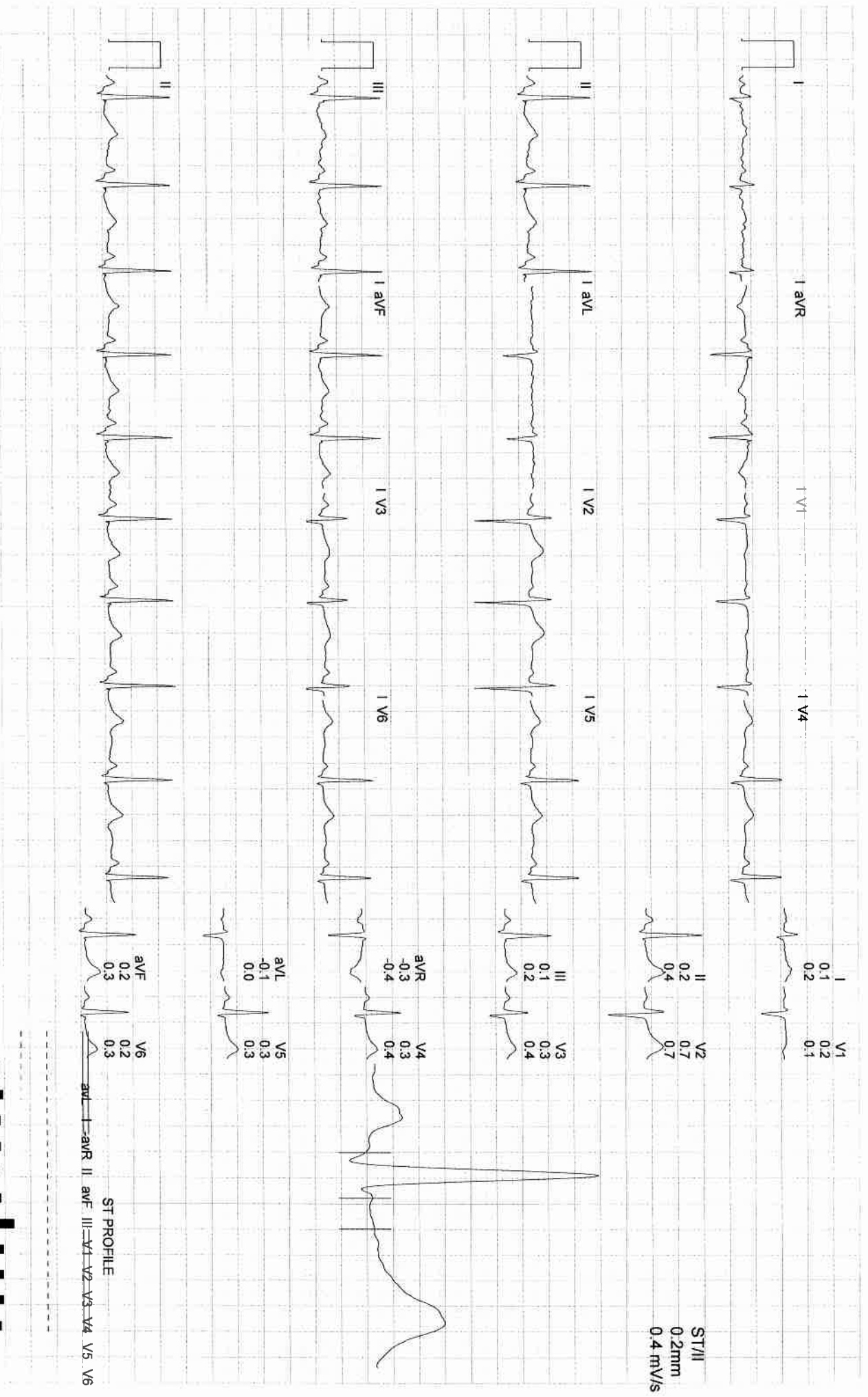


MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:40 AM
 Date of Birth: 14-Jun-67
 Gender: Female

06:07 Pre Exe

--- km/h
 --- %
 RATE 90
 BP ---/---



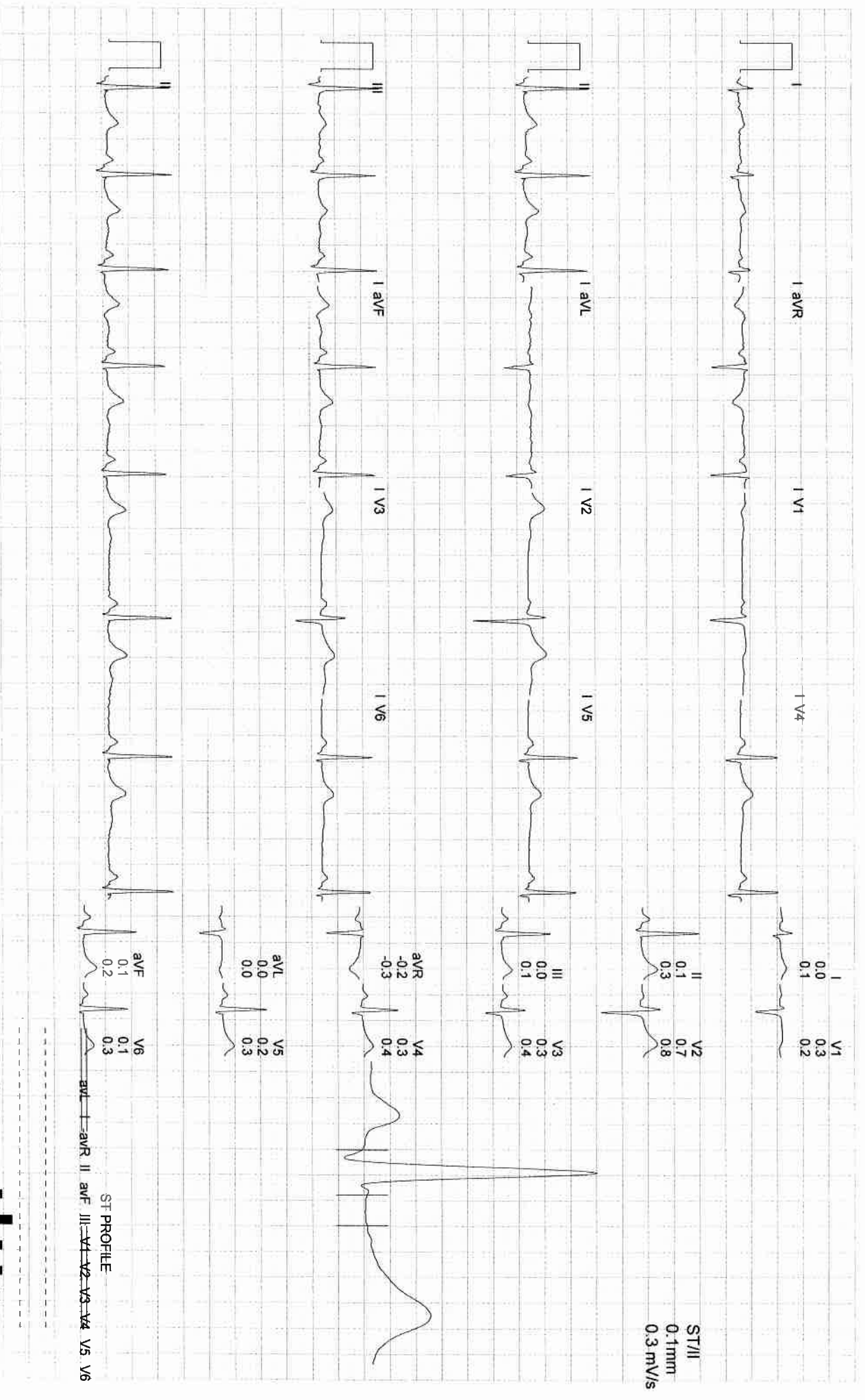
MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:44 AM
 Date of Birth: 14-Jun-67
 Gender: Female

06:11 Pre Exe

--- km/h
 --- %

RATE 85
 BP ---/---

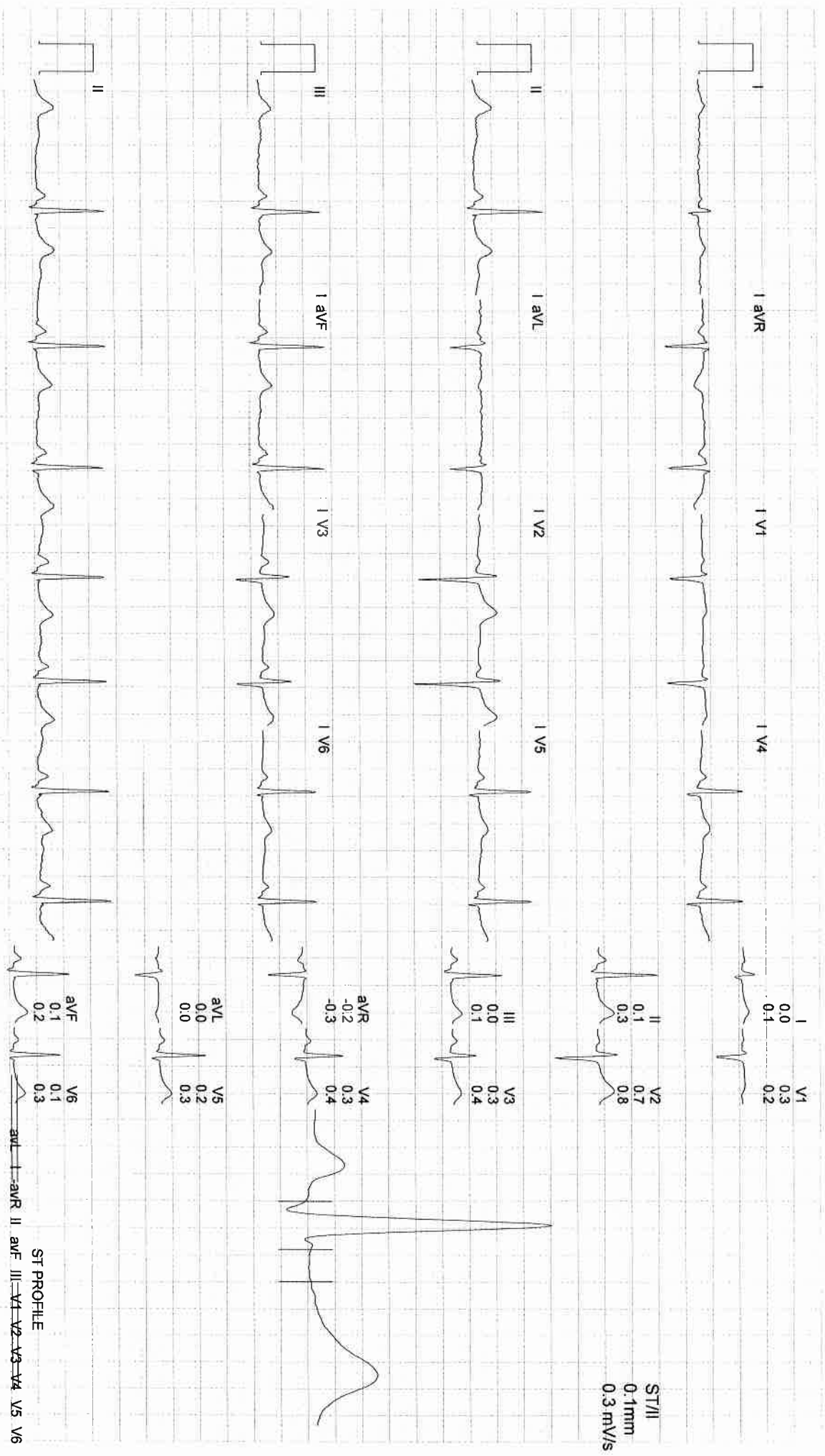


MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:49 AM
 Date of Birth: 14-Jun-67
 Gender: Female

06:16 Pre Exe

--- km/h
 ---%
 RATE 74
 BP ---/---



MEGAN FOLBIGG
 MQH54321
 Bruce

Print Time: 18-Apr-19 9:08:54 AM
 Date of Birth: 14-Jun-67
 Gender: Female

06:20 Pre Exe

--- km/h
 ---%
 RATE 70
 BP ---/---

