Non cardiologist and sonographers

ECG-ECHO-CORON correlation

We did a 60 cases tutorial with 2 objectives.:

First to show the limited correlation of ECG-ECHO and Coronarography.

Second to give clues to differentiate Right coronary artery (RCA) territory from left Circumflex coronary artery (Cx) territory in myocardial infarction.

Hoping you will benefit of this tutorial.

Thanks to Sacre-Coeur Hospital cardiologists for their support in this project.

Real Lebeau md

Cardiologist echocardiographer

Sacre-Coeur Hospital

Montreal, Canada

NB.: Non cardiologist include critical care doctor, emergency doctor, anesthesiologist, nurse, paramedic … with a cardiac Point of Care Ultrasound formation (POCUS) or a FOCUS (focus cardiac ultrasound) formation.

HOW TO USE THE TUTORIAL

A) First read Anatomy correlation

In polar map

Fig.1.: RCA schematic drawing of usual coronary circulation

Fig.2.: LAD schematic drawing of usual coronary circulation

Fig.3.: Cx schematic drawing of usual coronary circulation

Fig.4.: Polar map of all patients with isolated RCA occlusion or stenosis

Fig.5.: Polar map of all patients with isolated LAD occlusion or stenosis

Fig.6.: Polar map of all patients with isolated Cx occlusion or stenosis

Fig.1.: RCA schematic drawing of usual coronary circulation

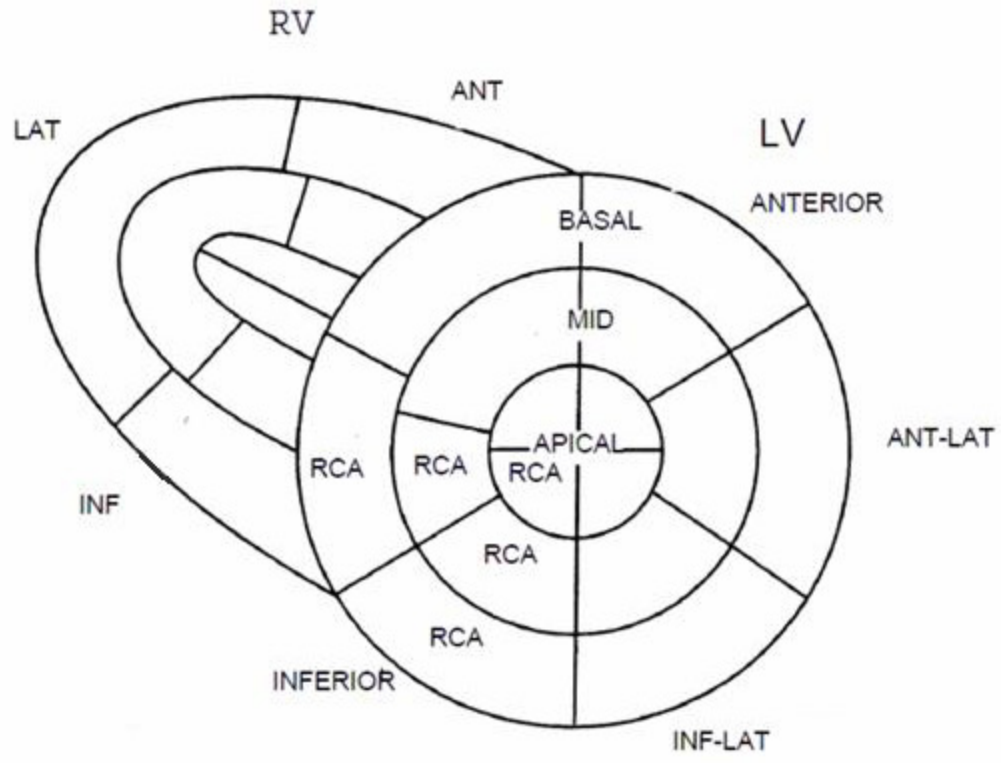


Fig.2.: LAD schematic drawing of usual coronary circulation

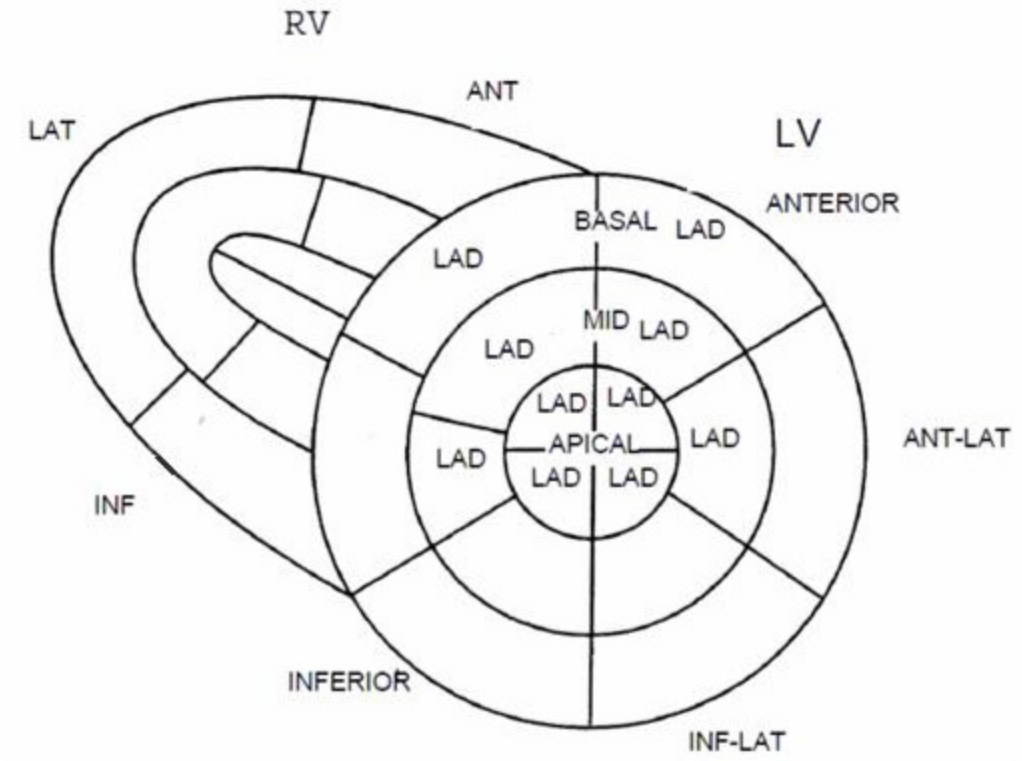


Fig.3.: Cx schematic drawing of usual coronary circulation

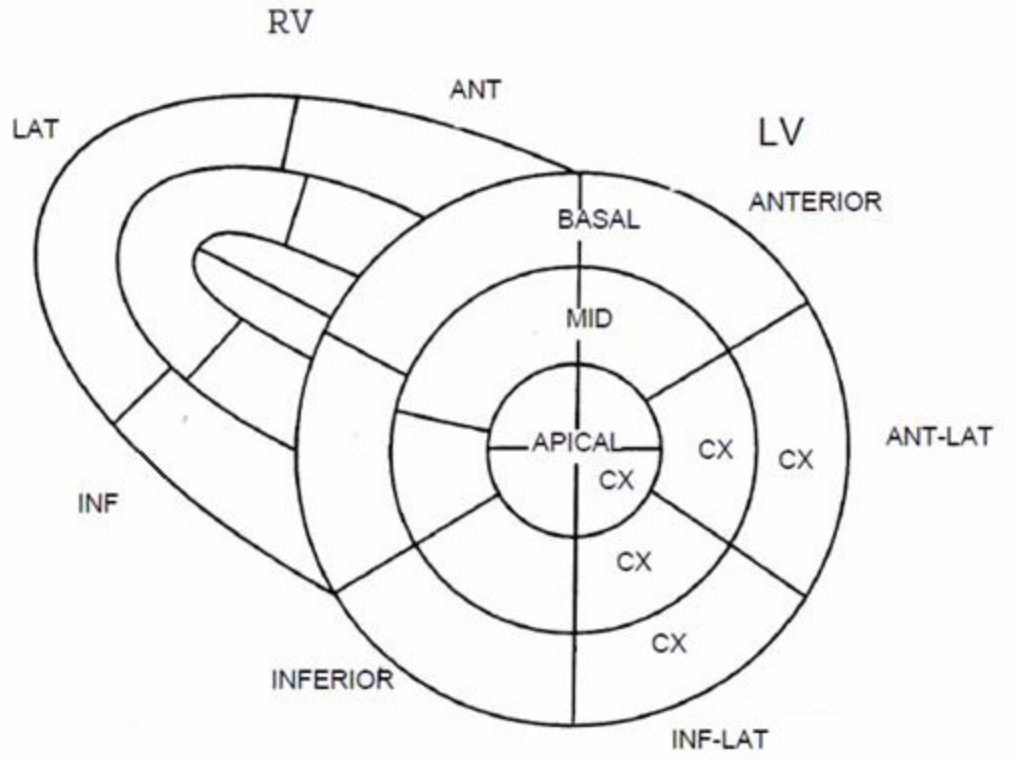


Fig.4.: Polar map of all patients with isolated RCA occlusion or stenosis

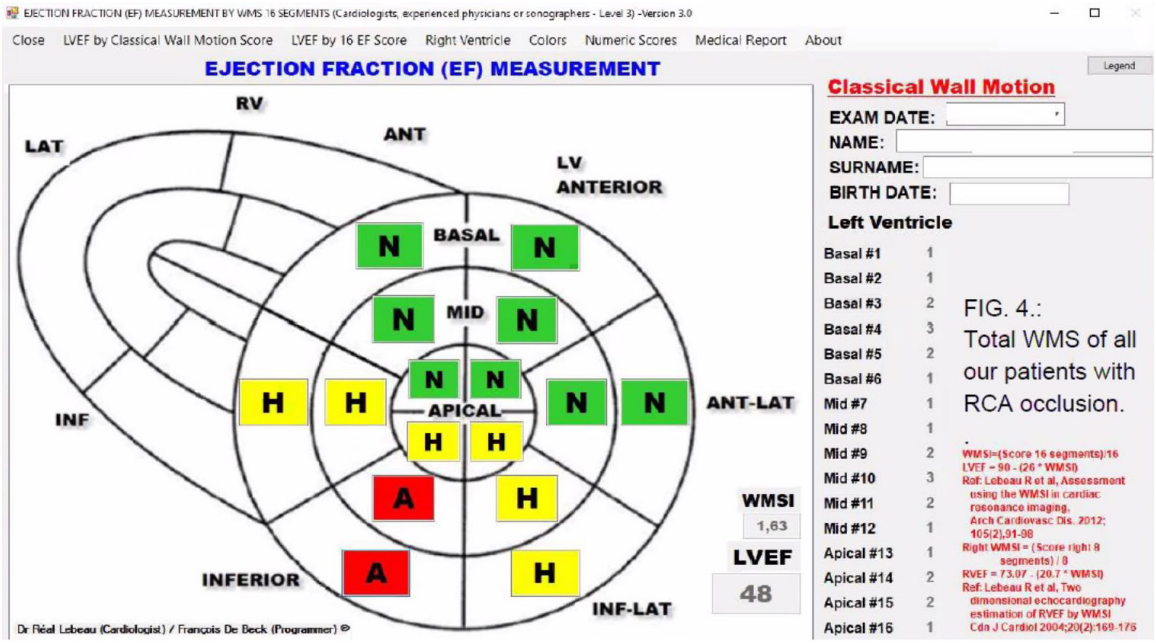


FIG. 4.: Total WMS of all our patients with RCA occlusion.

Fig.5.: Polar map of all patients with isolated LAD occlusion or stenosis

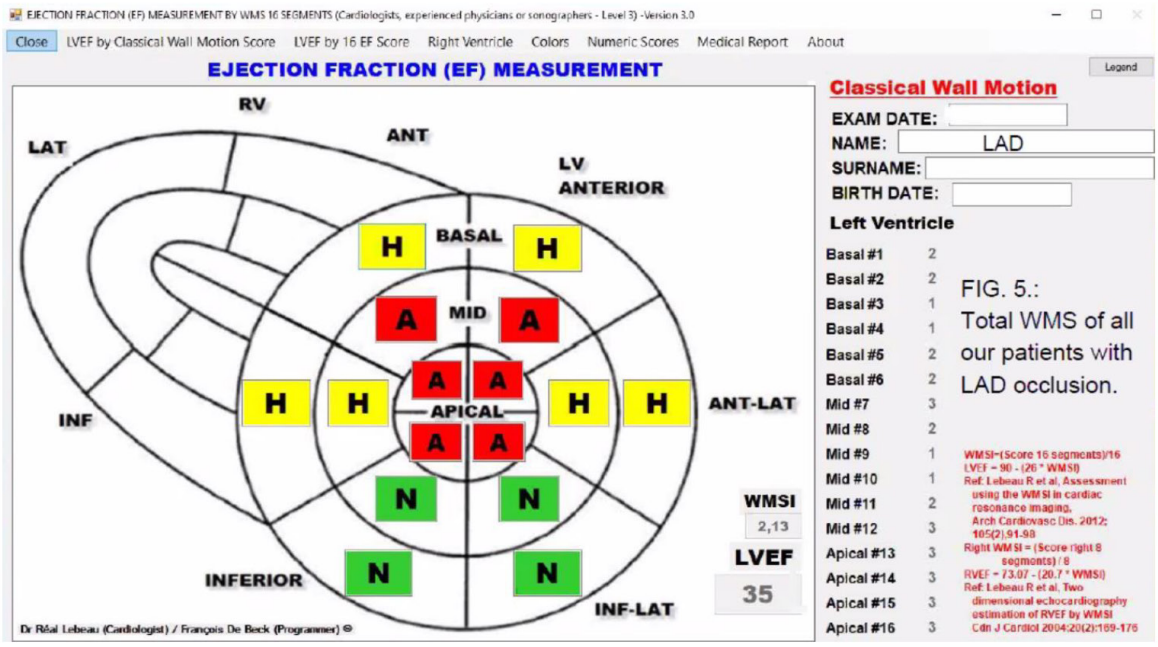
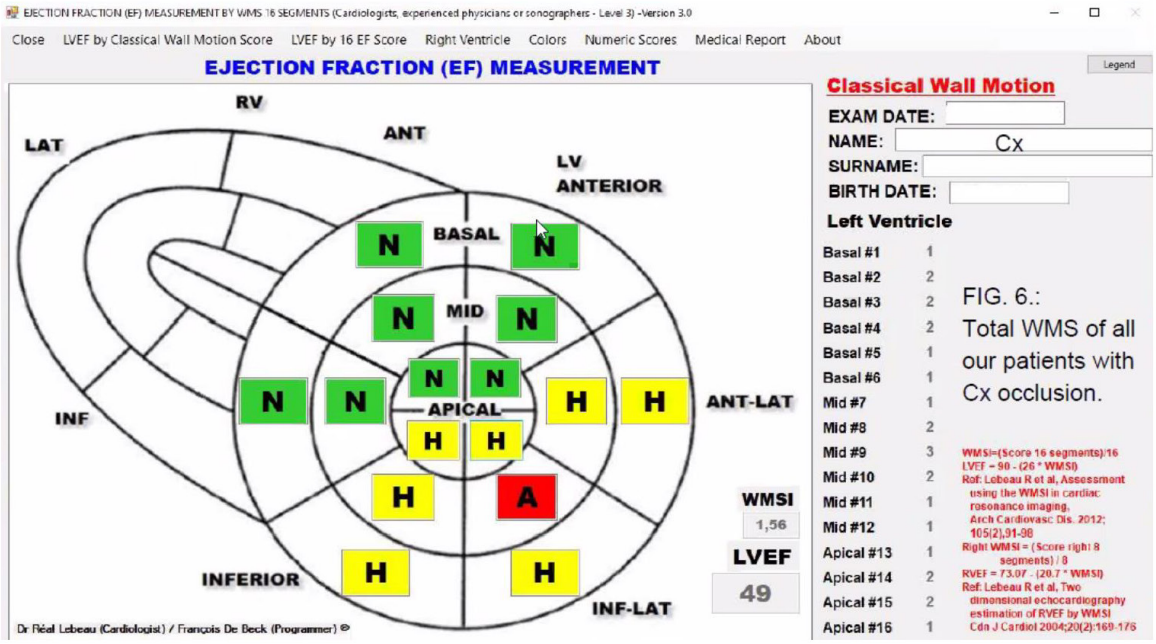


FIG. 5.: Total WMS of all our patients with LAD occlusion.

Fig.6.: Polar map of all patients with isolated Cx occlusion or stenosis



RCA and Cx territory often overlap.

ECG.: RCA versus Cx for posterior infarction in ECG

As known in the literature the CX artery gives more posterior involvement (prominent R in precordial derivations) on the ECG than RCA artery.

In our patients with isolated occlusion or stenosis of RCA and CX.:

RCA has 39% prominent R in precordial derivations (13/33 patients).

CX has 68% prominent R in precordial derivations (19/28)

ECHO.: RCA versus Cx

RCA is frequently associated with more abnormal infero-septal kinetic compared to Cx. (6 Hr-9 Hr)
Cx artery less often associated with abnormal infero-septal kinetic but more abnormal kinetic in infero-lateral and antero-lateral wall. (3 Hr-6 Hr)

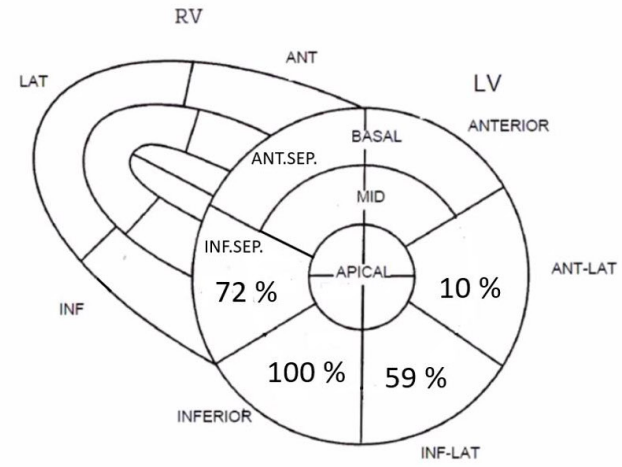
In our patients with isolated occlusion or stenosis of RCA and Cx.:

RCA .: % wall with abnormal kinetic (at least 2 hypokinetic or 1 akinetic wall)

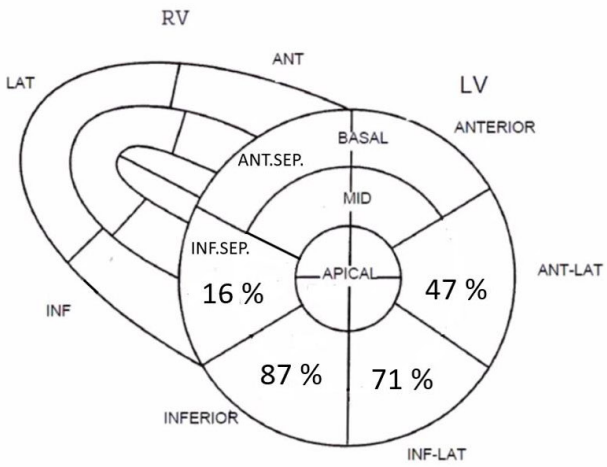
Inferior septum wall	72%	(24/33)
Inferior wall	100%	(29/29)
Infero-lateral wall	59%	(17/29)
Antero-lateral wall	10%	(3/29)

Cx.: % of wall with abnormal kinetic (at least 2 hypokinetic or 1 akinetic wall)

Inferior septum	16%	(5/31)
Inferior wall	87%	(26/30)
Infero-lateral wall	71%	(22/31)
Antero-lateral wall	47%	(15/32)



RCA PERCENT OF WALL MOTION ANOMALY



Cx PERCENT OF WALL MOTION ANOMALY

B) There are 4 chapters in the tutorial

1	Inferior infarction (RCA)
2	Anterior infarction (LAD) (Left anterior descending coronary artery)
3	Lateral infarction (Cx)
4	Unusual cases

You look first the ECG, second the ECHO polar map and finally correlate with the coronary anatomy CORON.

NB.: Acute infarction ECG-Coronarography were done the same day. Echocardiography generally in 2 or 3 days after ECG or coronarography.

NB.: Acute infero-postero-lateral infarction could be abbreviate in acute Inf-post-lat infarction.

INFERIOR INFARCTION (RCA)

1	Acute inferior infarction
2	Acute posterior infarction
3	Acute inf-post-lat infarction
4	Acute inf-post-lat infarction
5	Acute inf-post-lat infarction
6	Acute atypical inf-post-lat infarction
7	Acute atypical inferior infarction
8	Acute atypical inferior infarction
9	Old inferior infarction
10	Old inferior infarction
11	Old inferior infarction
12	Old inferior infarction
13	Old inf-post-lat infarction
14	Inferior ischemia
15	Anterior ischemia
16	Lateral ischemia
17	Normal ECG
18	Normal ECG
19	Normal ECG

ANTERIOR INFARCTION (LAD)

20	Acute anterior infarction
21	Acute anterior infarction
22	Acute anterior infarction
23	Acute anterior infarction
24	Acute anterior infarction
25	Acute anterior infarction (MID)
26	Acute anterior infarction (MID)
27	Acute anterior infarction (Collateral)
28	Acute anterior infarction (Collateral)
29	Anterior ischemia
30	Anterior ischemia
31	Stress CMP (Tako)
32	Stress CMP (Tako)
33	Stress CMP (Tako)
34	ECG normal
35	ECG normal
36	ECG normal

LATERAL INFARCTION (Cx)

37	Acute post-lat-infarction
38	Acute infero-post-infarction
39	Acute post-lat-infarction
40	Acute infero-postero-lat infarction
41	Acute infero-postero-lat infarction
42	Acute infero-postero-lat infarction
43	Acute posterior infarction
44	Atypical acute infero-lateral infarction
45	Atypical acute infero-lateral infarction
46	ECG normal
47	ECG normal
48	Inferior Ischemia
49	Posterior Ischemia
50	Lateral Ischemia
51	Anterior Ischemia

UNUSUAL CASES

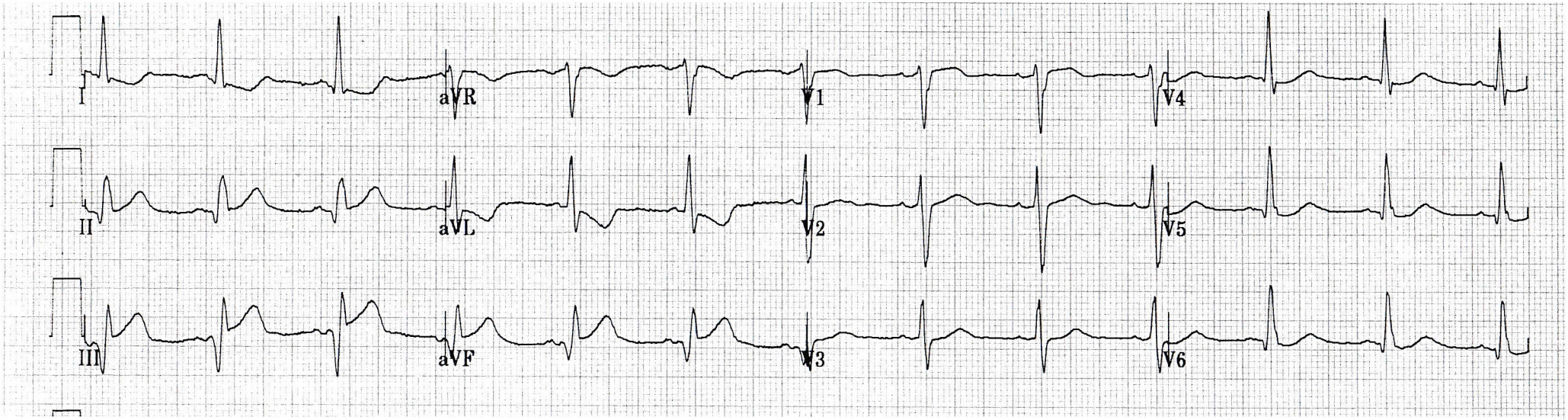
52	ECG normal
53	ECG normal
54	Left main coronary artery
55	Left main coronary artery
56	Left main coronary artery
57	CMP (cardiomyopathy)
58	CMP (cardiomyopathy)
59	Stress echo
60	Stress echo

N. B.: More quiz cases to come work in progress.

INFERIOR INFARCTION (RCA)

1	Acute inferior infarction
2	Acute posterior infarction
3	Acute inf-post-lat infarction
4	Acute inf-post-lat infarction
5	Acute inf-post-lat infarction
6	Acute atypical inf-post-lat infarction
7	Acute atypical inferior infarction
8	Acute atypical inferior infarction
9	Old inferior infarction
10	Old inferior infarction
11	Old inferior infarction
12	Old inferior infarction
13	Old inf-post-lat infarction
14	Inferior ischemia
15	Anterior ischemia
16	Lateral ischemia
17	Normal ECG
18	Normal ECG
19	Normal ECG

No 1
M 51 y . Myocardial infarction
ECG.: your conclusion...



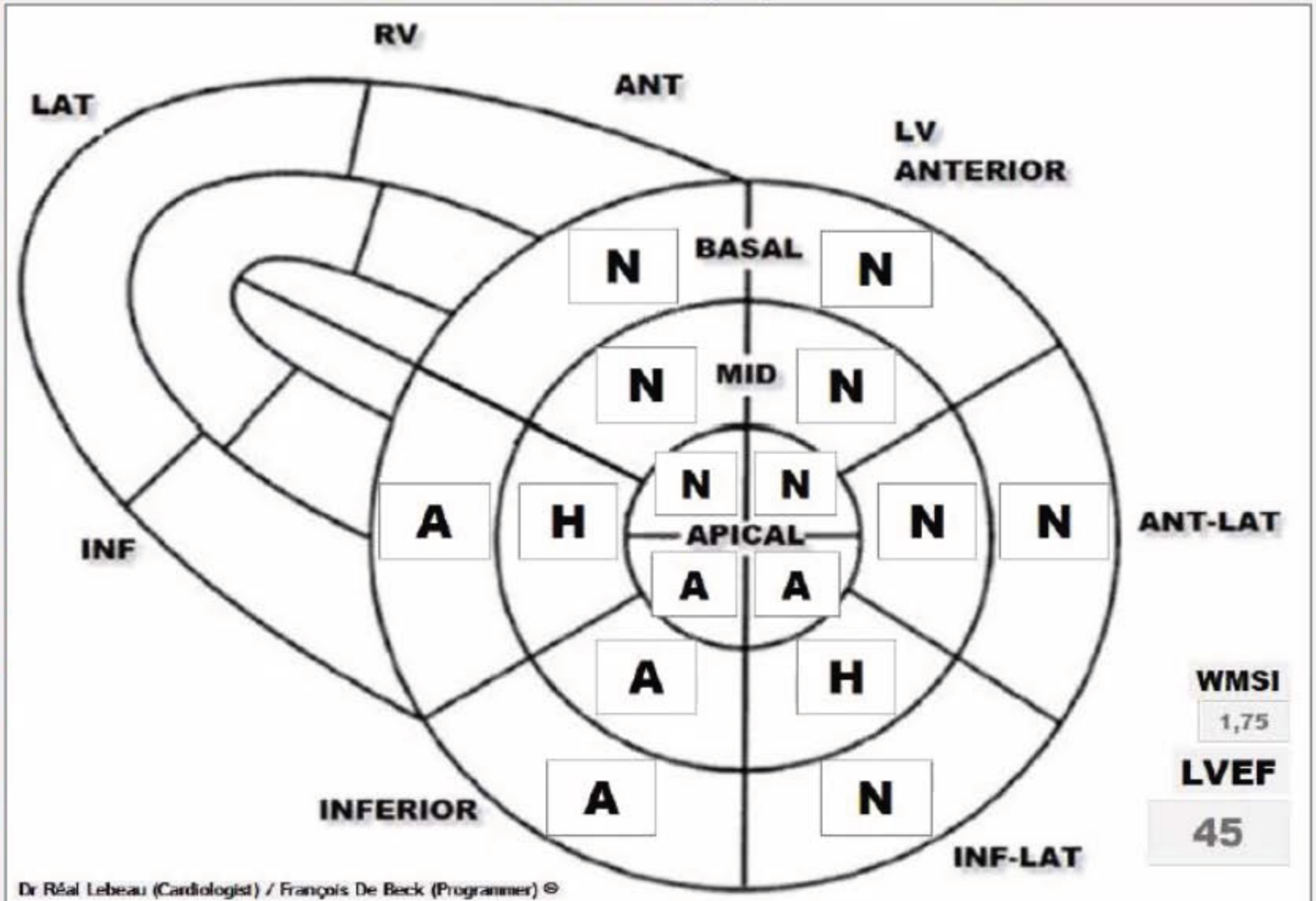
ECG.: Acute inferior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



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Classical Wall Motion

EXAM DATE:

NAME: No 1

SURNAME:

BIRTH DATE:

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	2
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	3
Apical #16	1

Dx.:
Inferior infarction (RCA)

WMSI

1,75

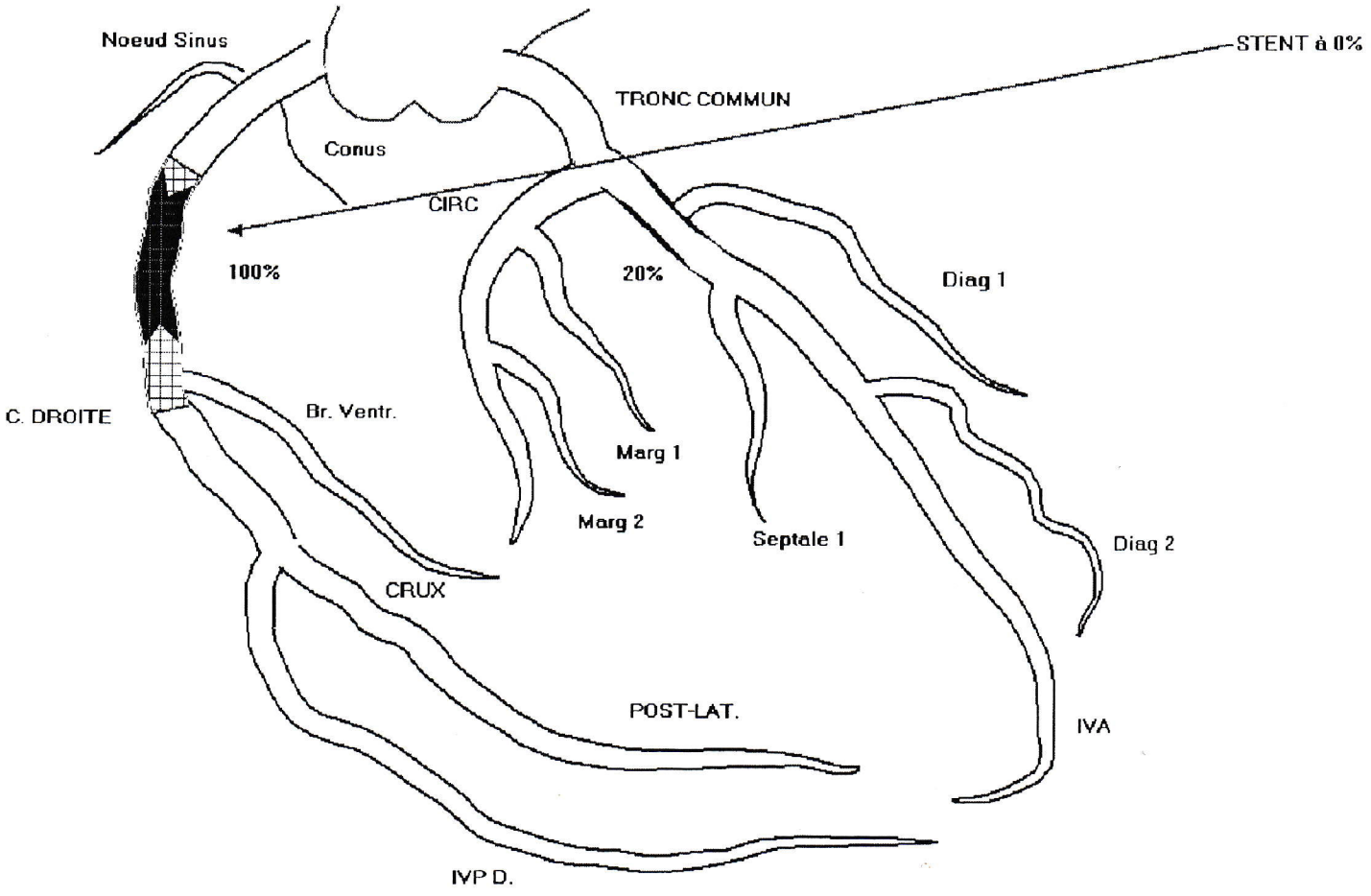
LVEF

45

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2):91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 1

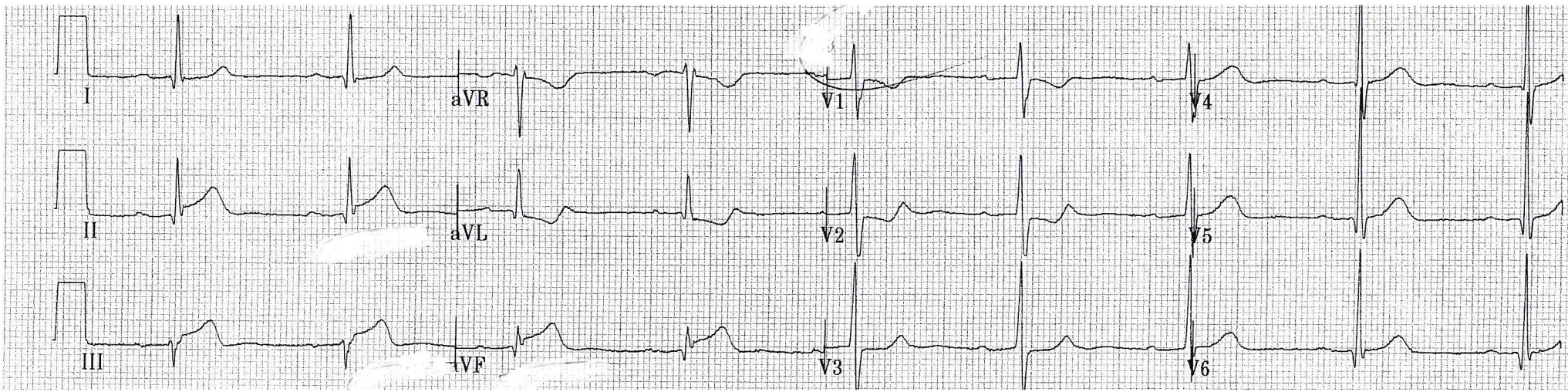
Coron.: Acute occlusion of RCA



No 2

M 66y . STEMI

ECG.: your conclusion...



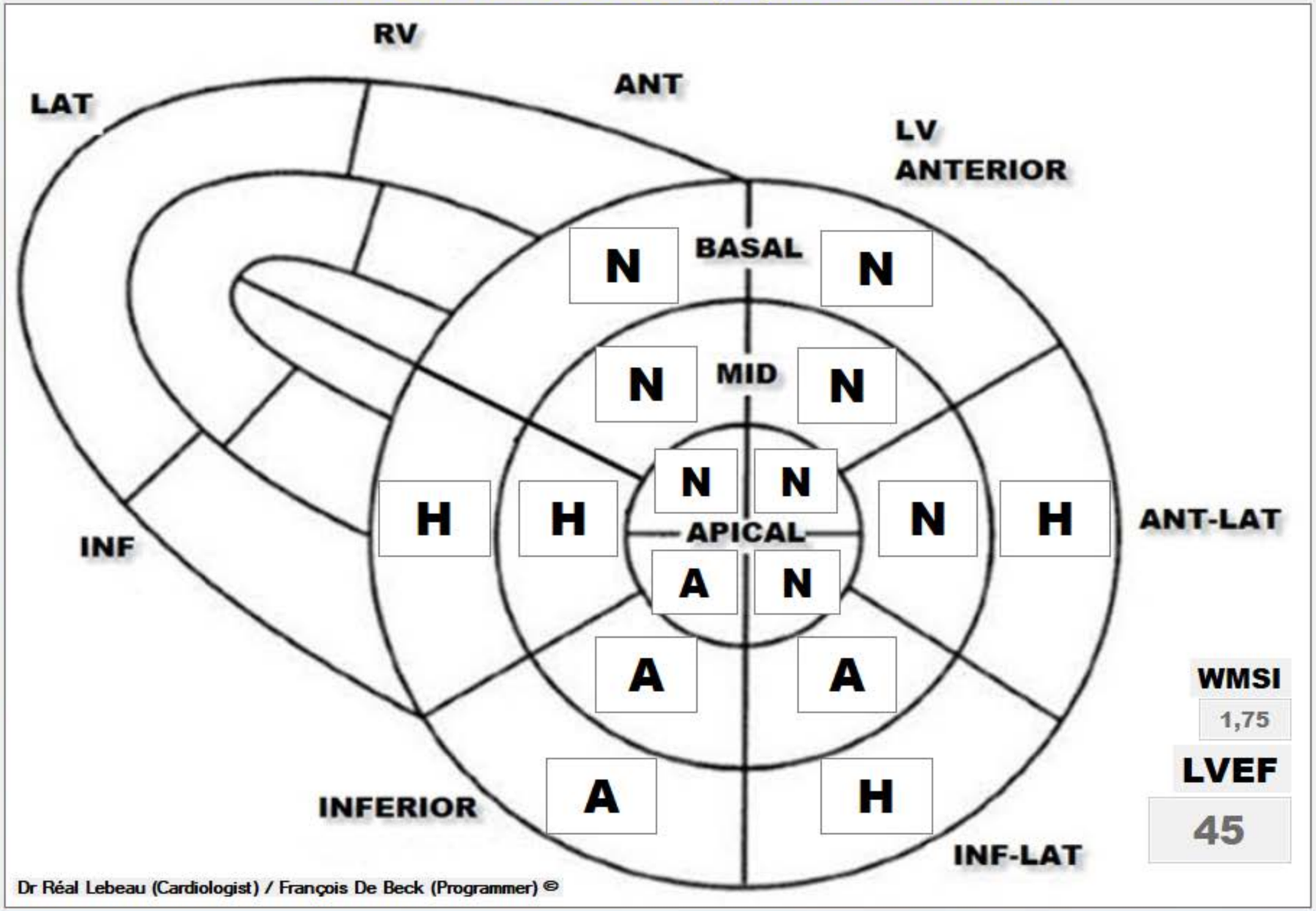
ECG.: Acute infero-posterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



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Classical Wall Motion

EXAM DATE: 2012-05-24

NAME: ALEA

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	2
Basal #4	3
Basal #5	2
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	3
Mid #10	3
Mid #11	2
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	3
Apical #16	1

Dx.: Inferior infarction (RCA)

WMSI
1,75

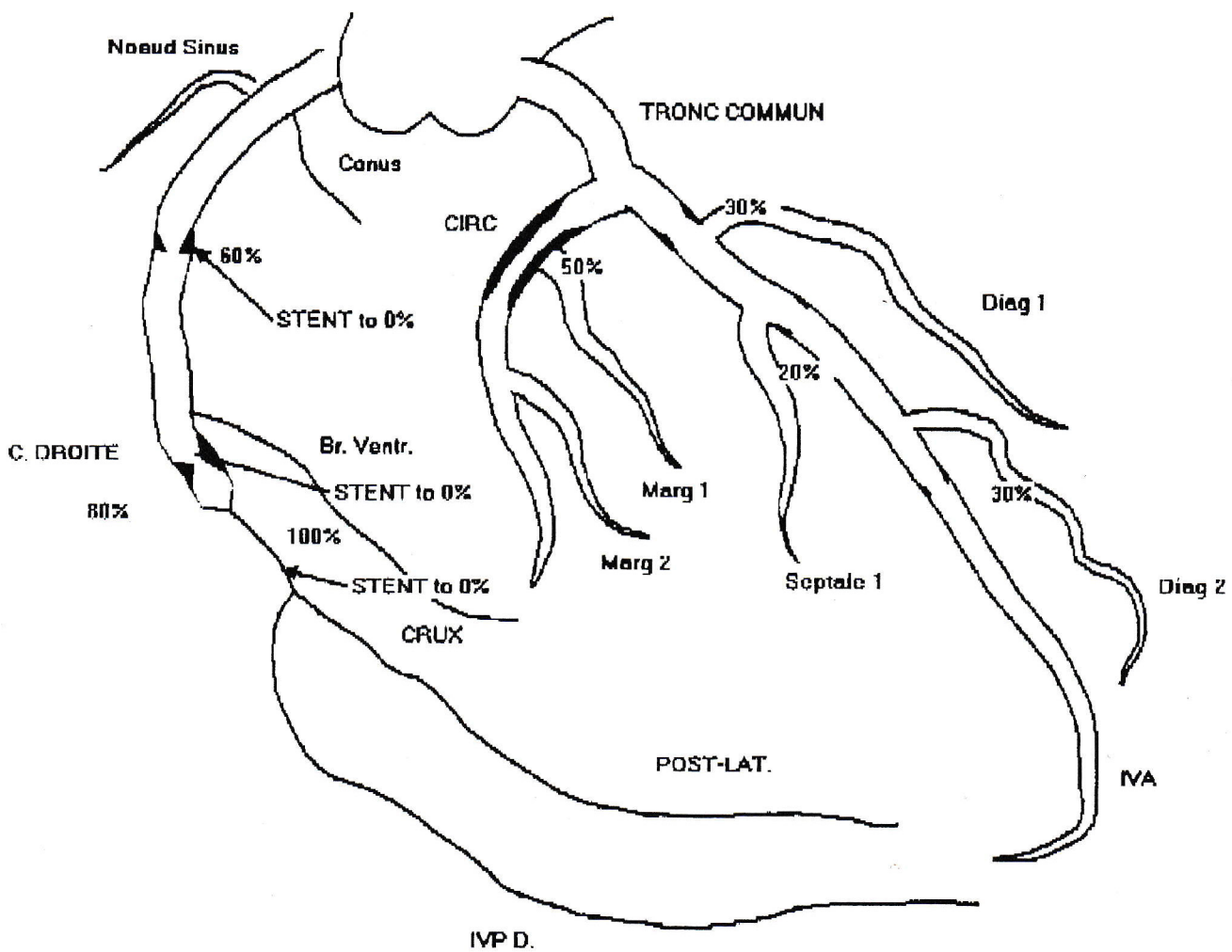
LVEF
45

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 2

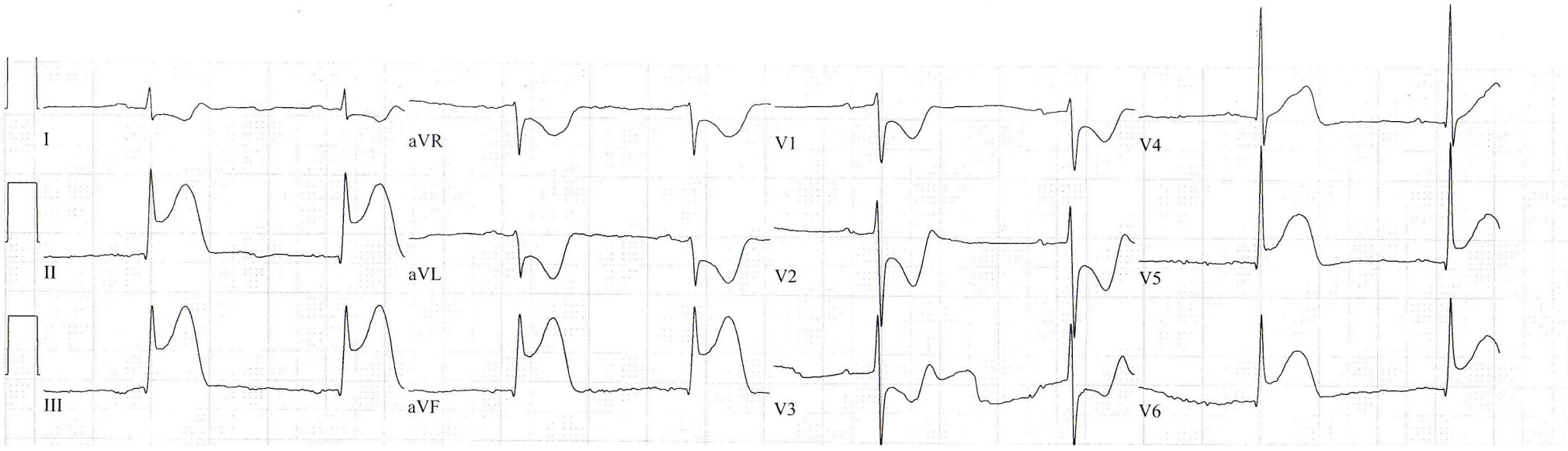
Coron.: Acute occlusion of mid RCA stented



No 3

M 59y . Myocardial infarction

ECG.: your conclusion...



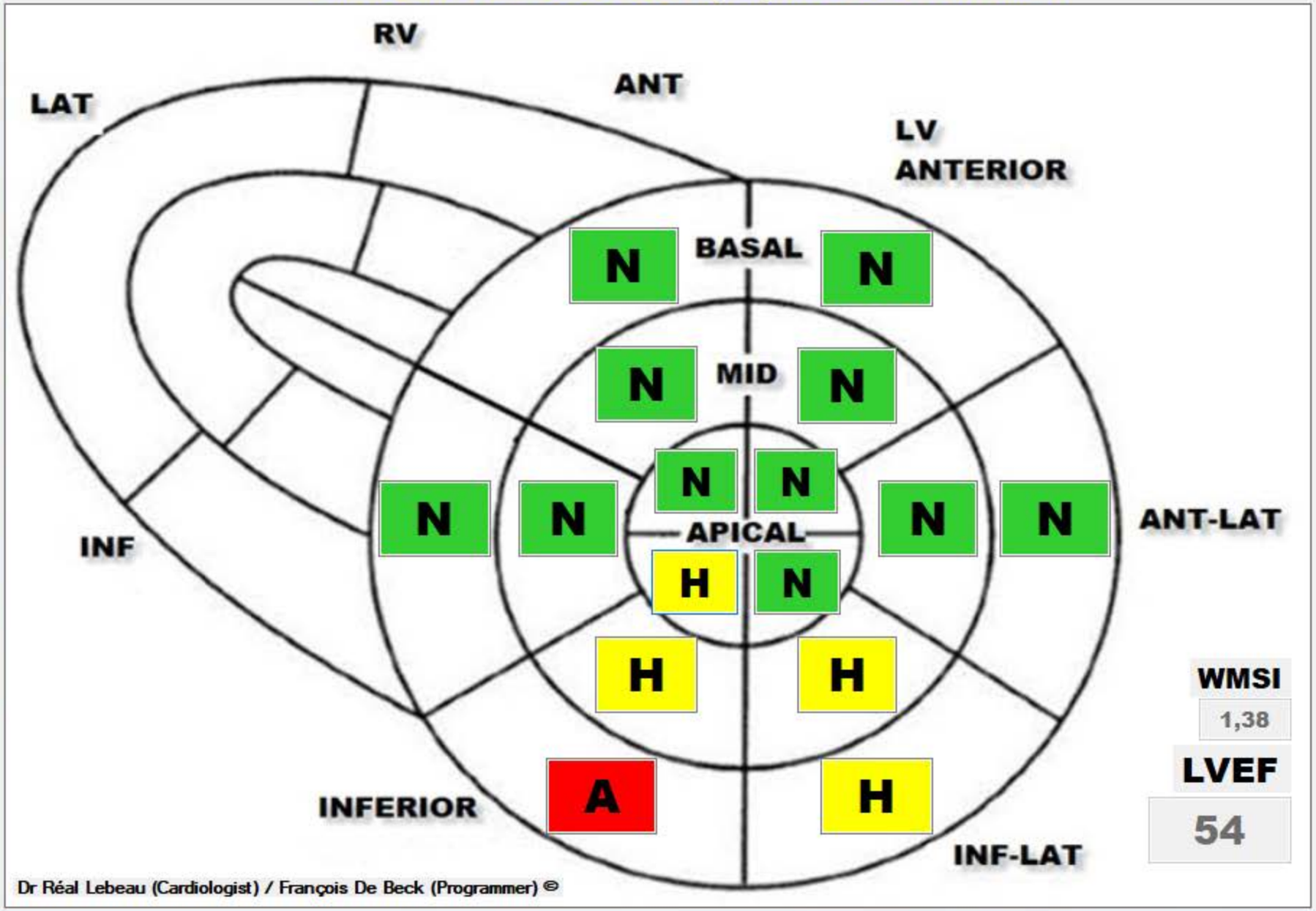
ECG.: Acute infero-postero-lateral infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



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WMSI
1,38

LVEF
54

Classical Wall Motion

EXAM DATE: 2020-10-30

NAME:

SURNAME:

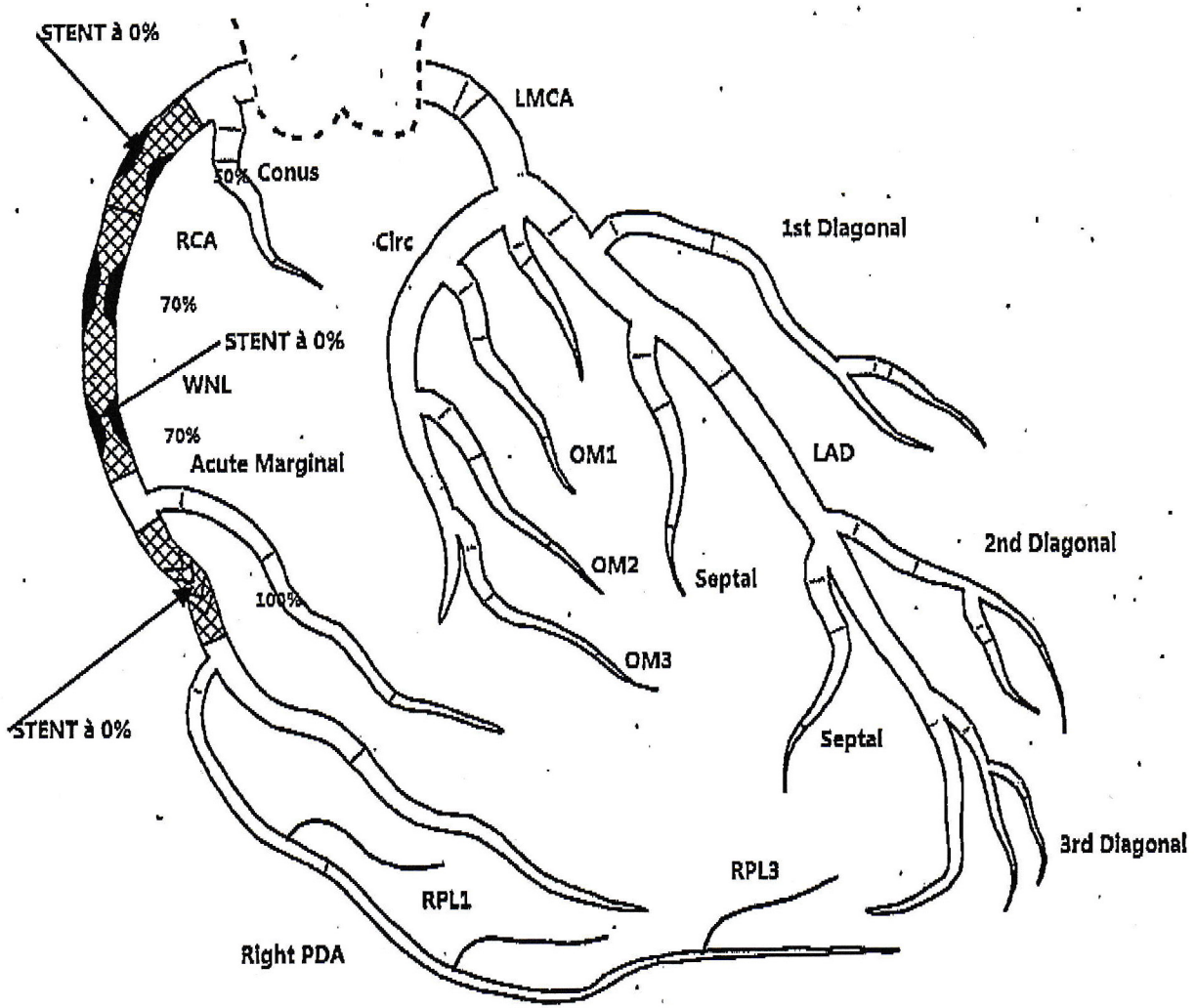
BIRTH DATE: 2020-10-30

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	2
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	2
Apical #16	1

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

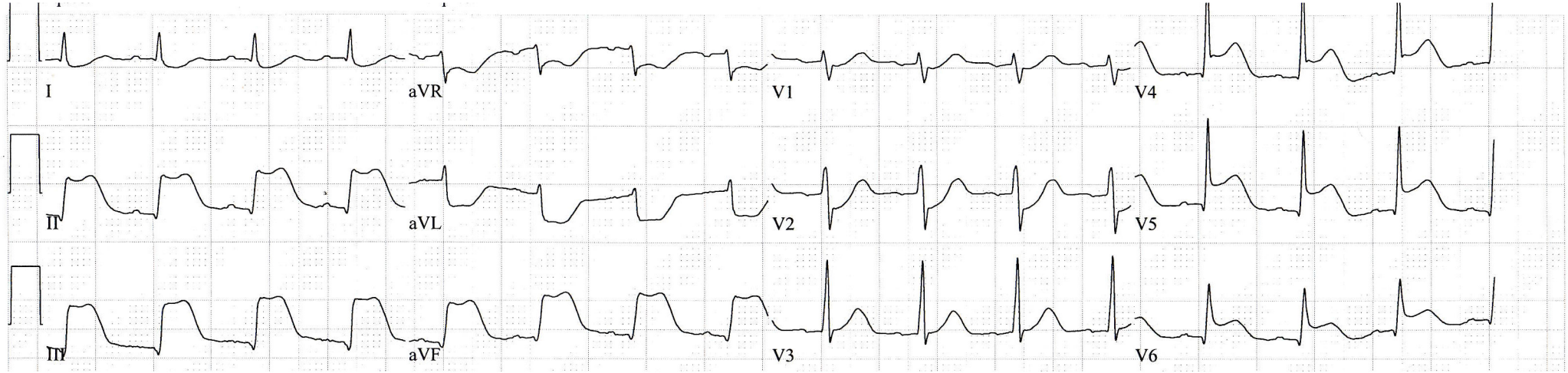
Cporon.: RCA stenosis stented



No 4

M 73y . Myocardial infarction

ECG.: your conclusion...



ECG.: Acute infero-postero-lateral infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

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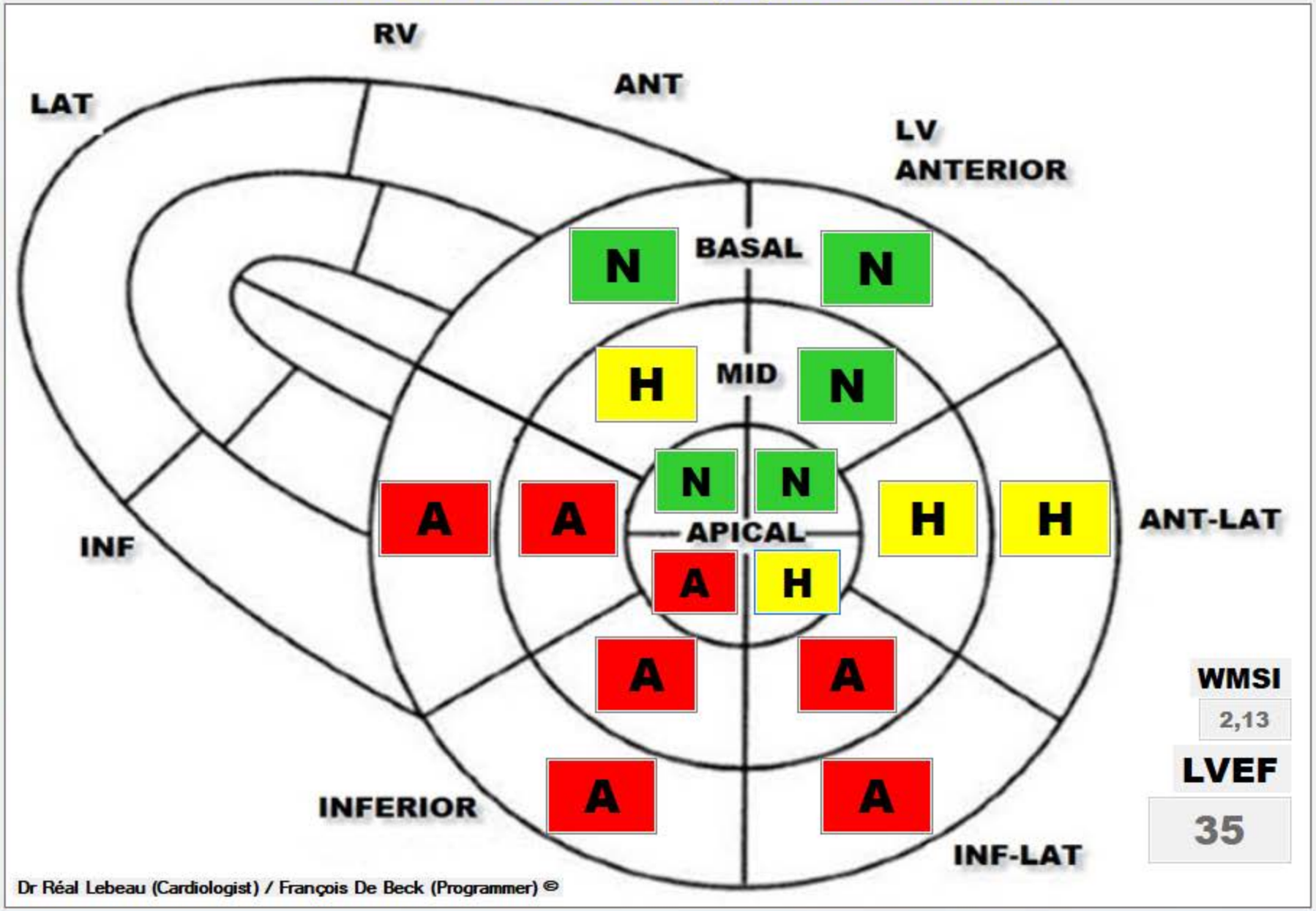
EJECTION FRACTION (EF) MEASUREMENT



WMSI
2,13

LVEF
35

Legend

Classical Wall Motion

EXAM DATE: 2020-10-30

NAME:

SURNAME:

BIRTH DATE: 2020-10-30

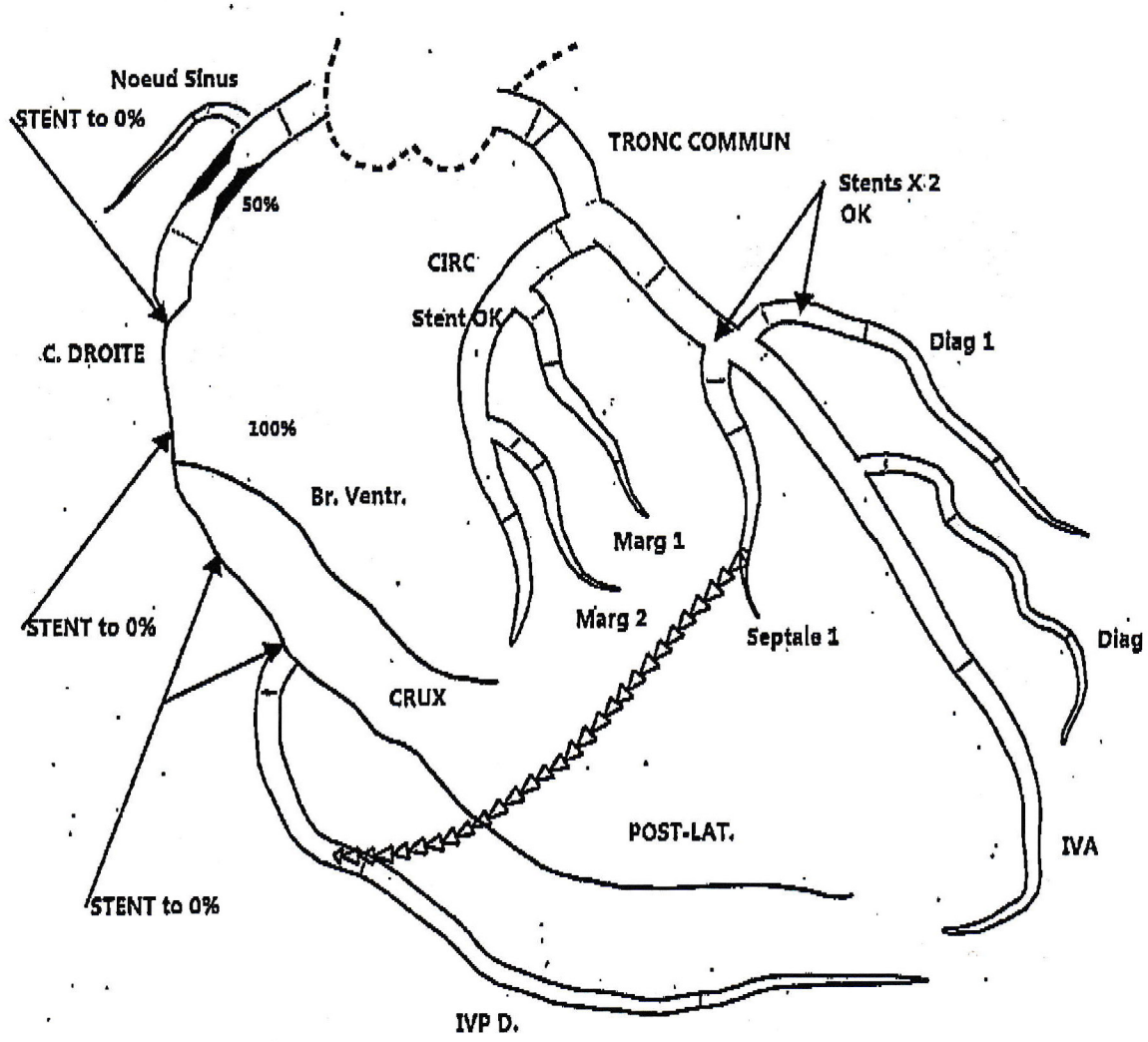
Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	3
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	3
Mid #11	3
Mid #12	2
Apical #13	1
Apical #14	2
Apical #15	3
Apical #16	1

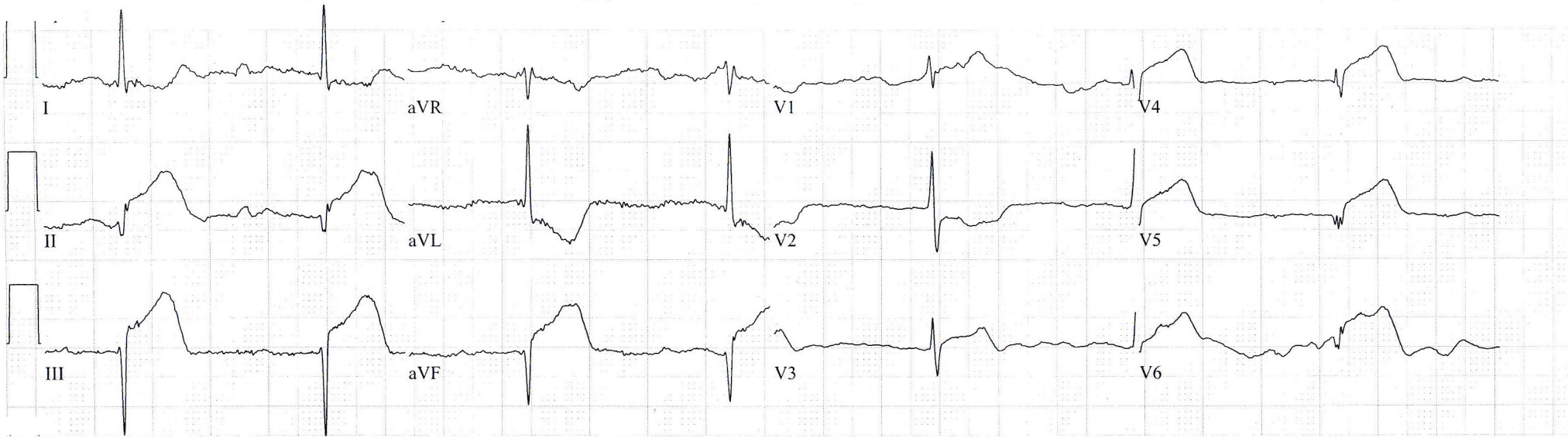
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 4

Coron.: Acute occlusion of RCA stented



No 5.
F 81y. Myocardial infarction
ECG.: your conclusion...



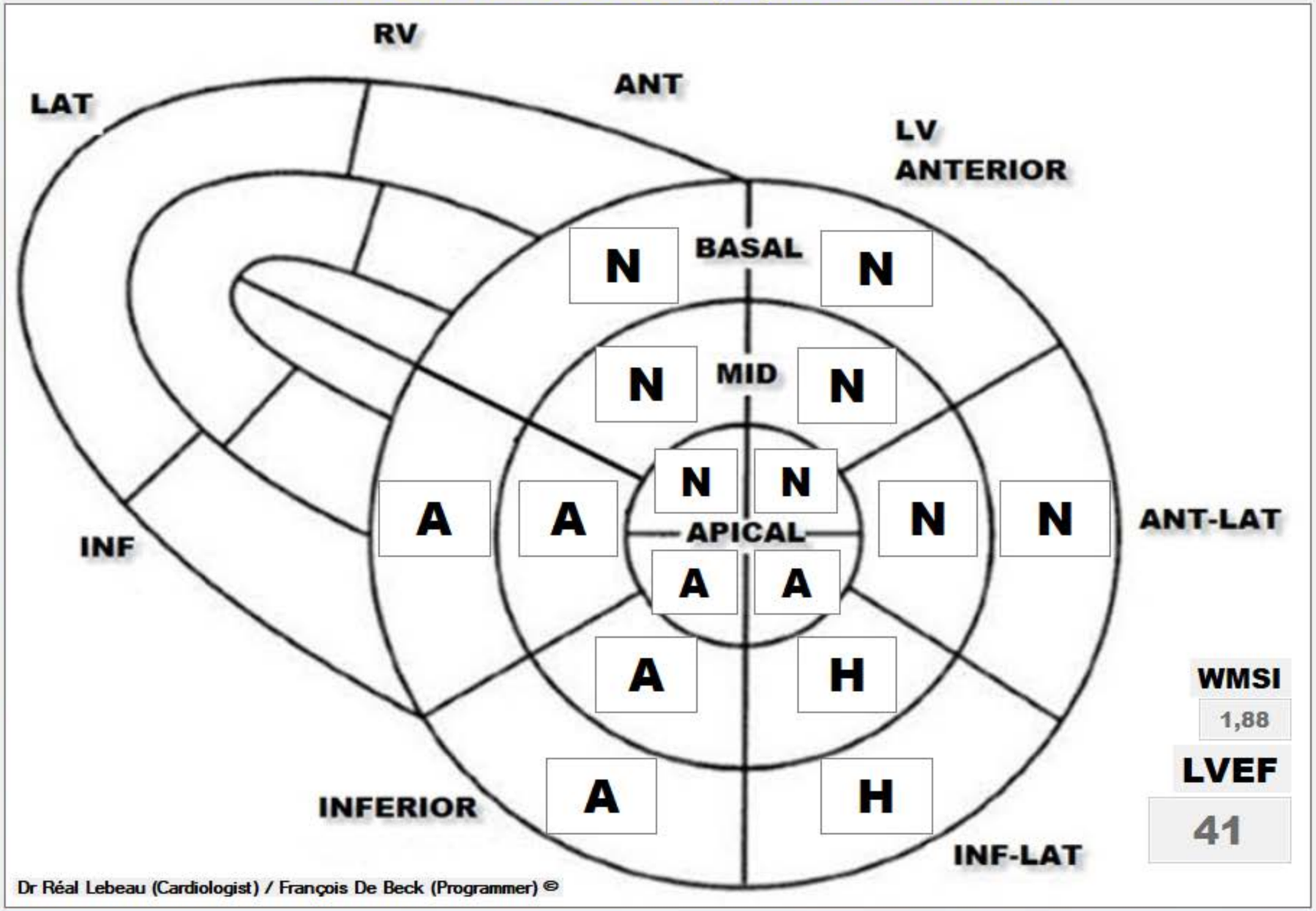
ECG.:Acute inferior with posterolateral extension

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-02-17

NAME: GROM

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	3
Apical #16	1

Dx.:
Inferior infarction
(RCA)

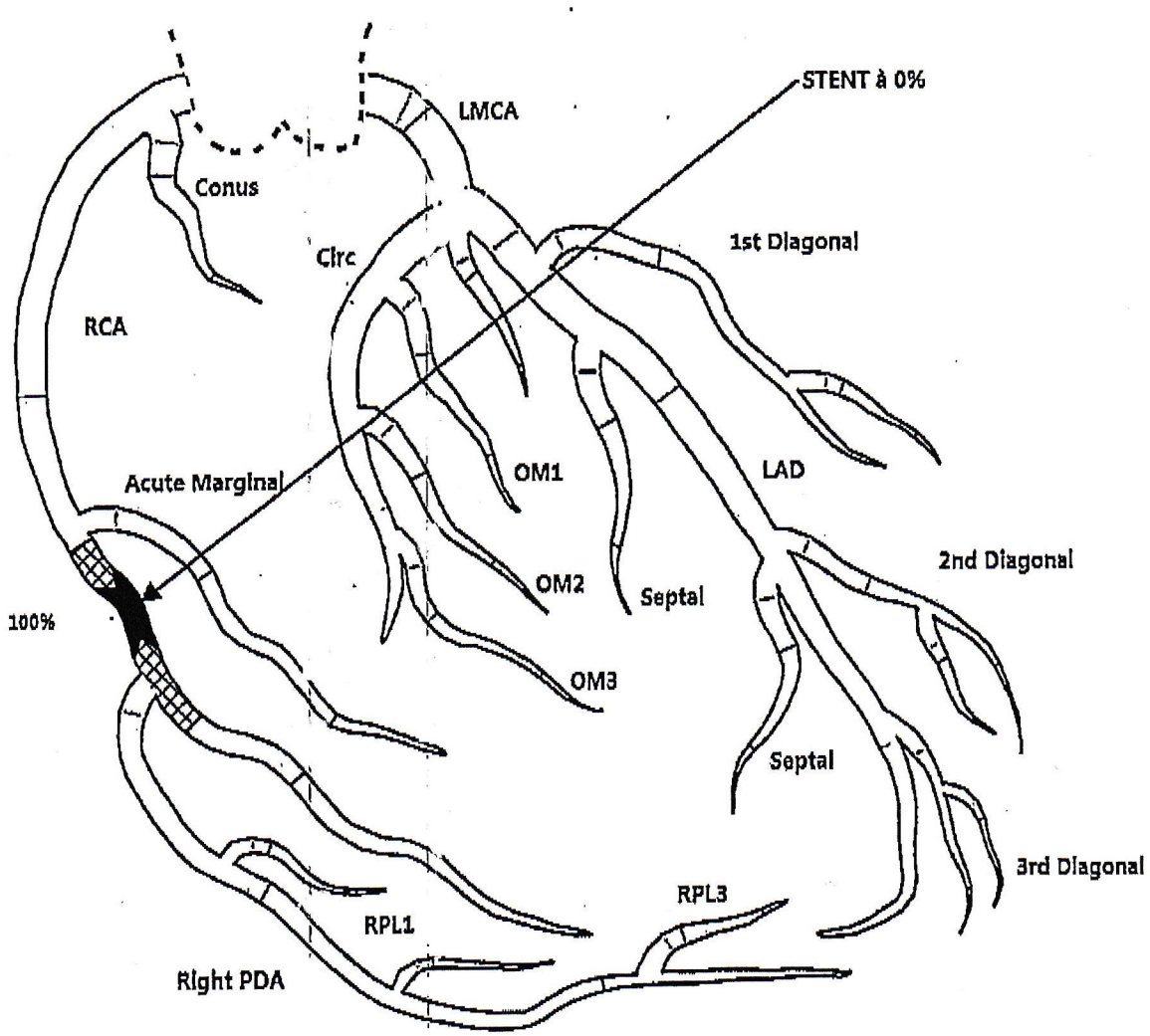
WMSI
1,88

LVEF
41

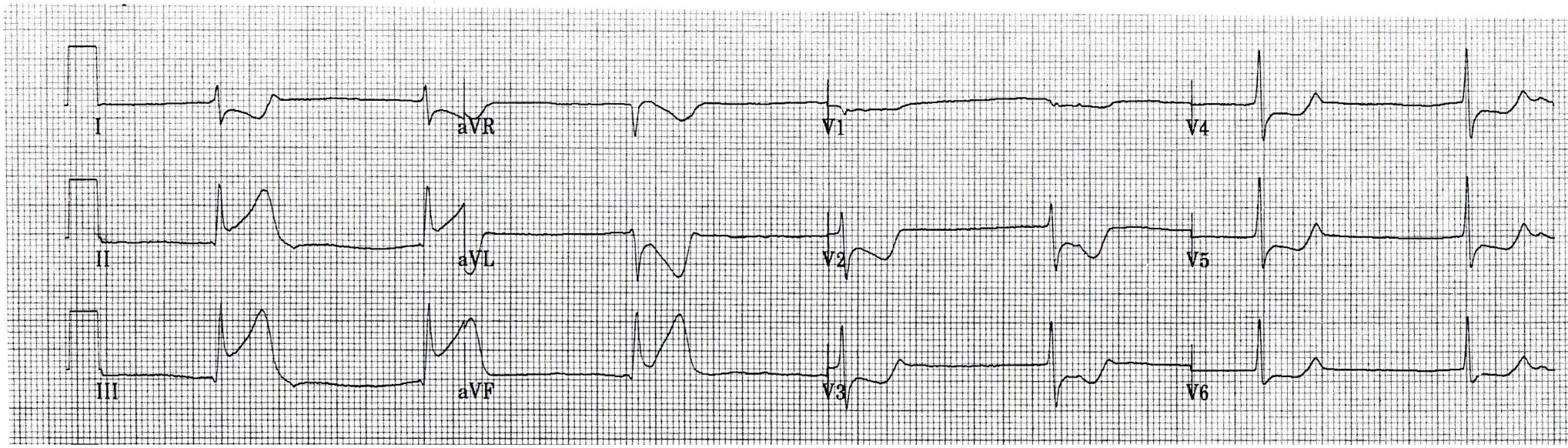
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 5
Coron.:Occlusion of RCA stented



No 6
F 52y Myocardial infarction
ECG.: your conclusion...



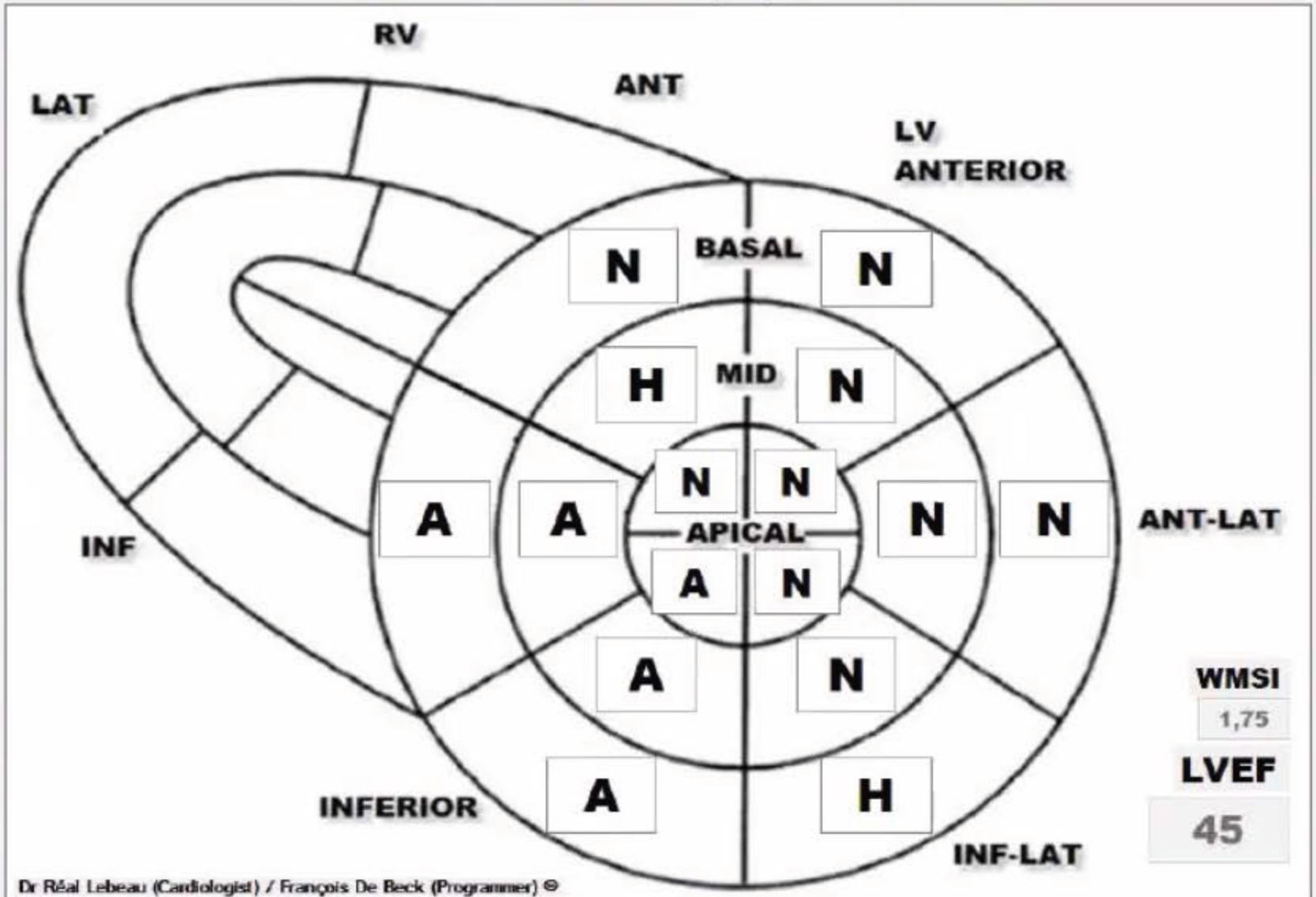
ECG.: Acute infero-postero-lateral infarction (note unusual injury in V4,5,6)

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI: 1,75

LVEF: 45

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Classical Wall Motion

EXAM DATE:

NAME: No 6

SURNAME:

BIRTH DATE:

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	3
Mid #11	3
Mid #12	2
Apical #13	1
Apical #14	1
Apical #15	3
Apical #16	1

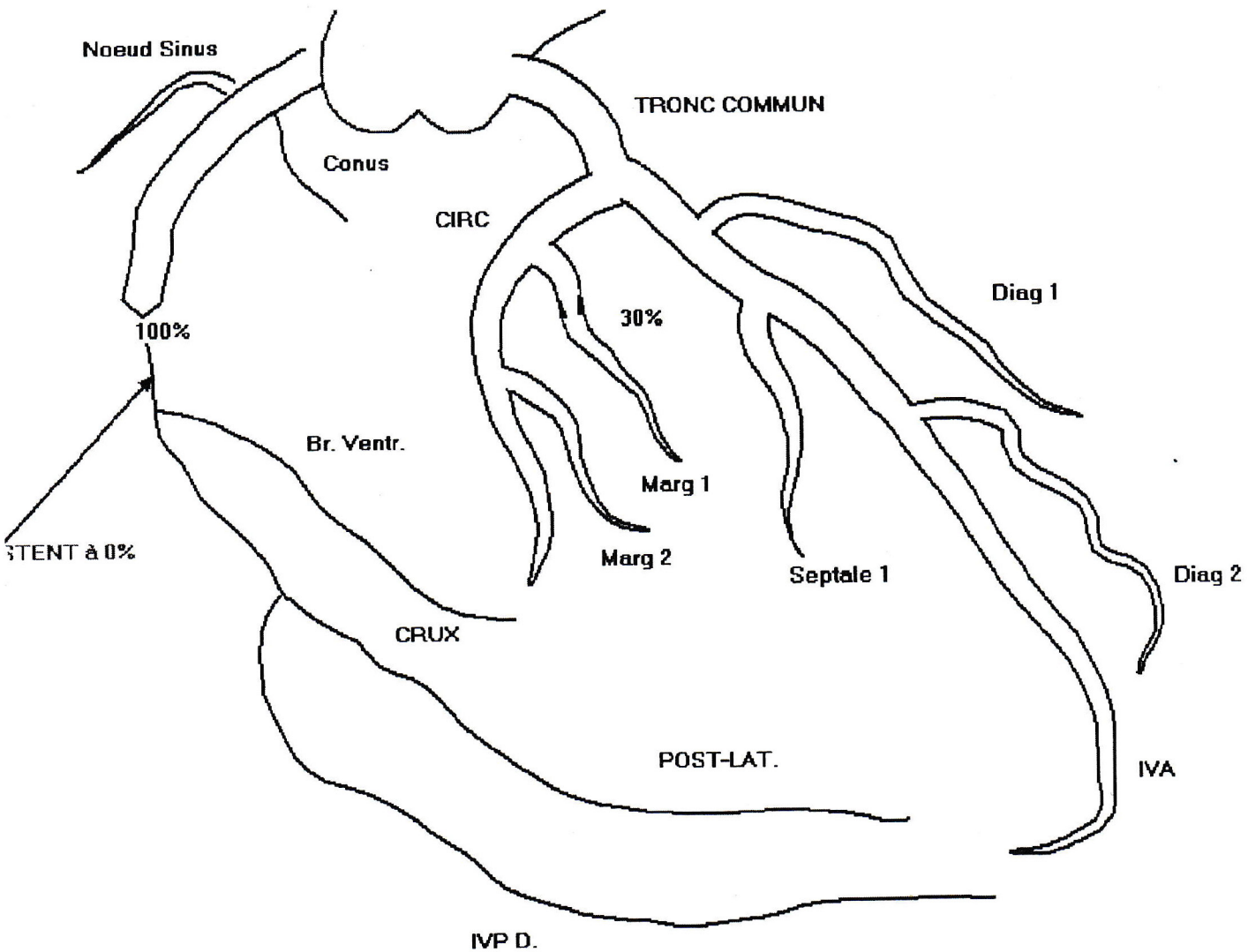
Dx.: inferior infarction (RCA)

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-175

No 6

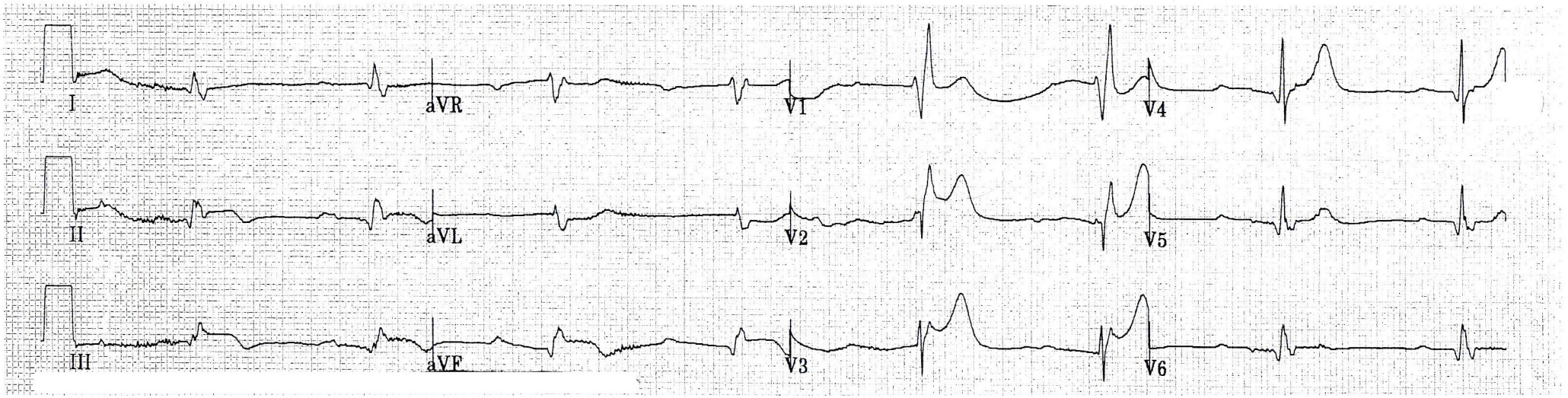
Coron.: Acute occlusion of RCA stented



No 7

M 67y . Acute infarction

ECG .: your conclusion...



ECG.: Acute inferior infarction and old lateral infarction

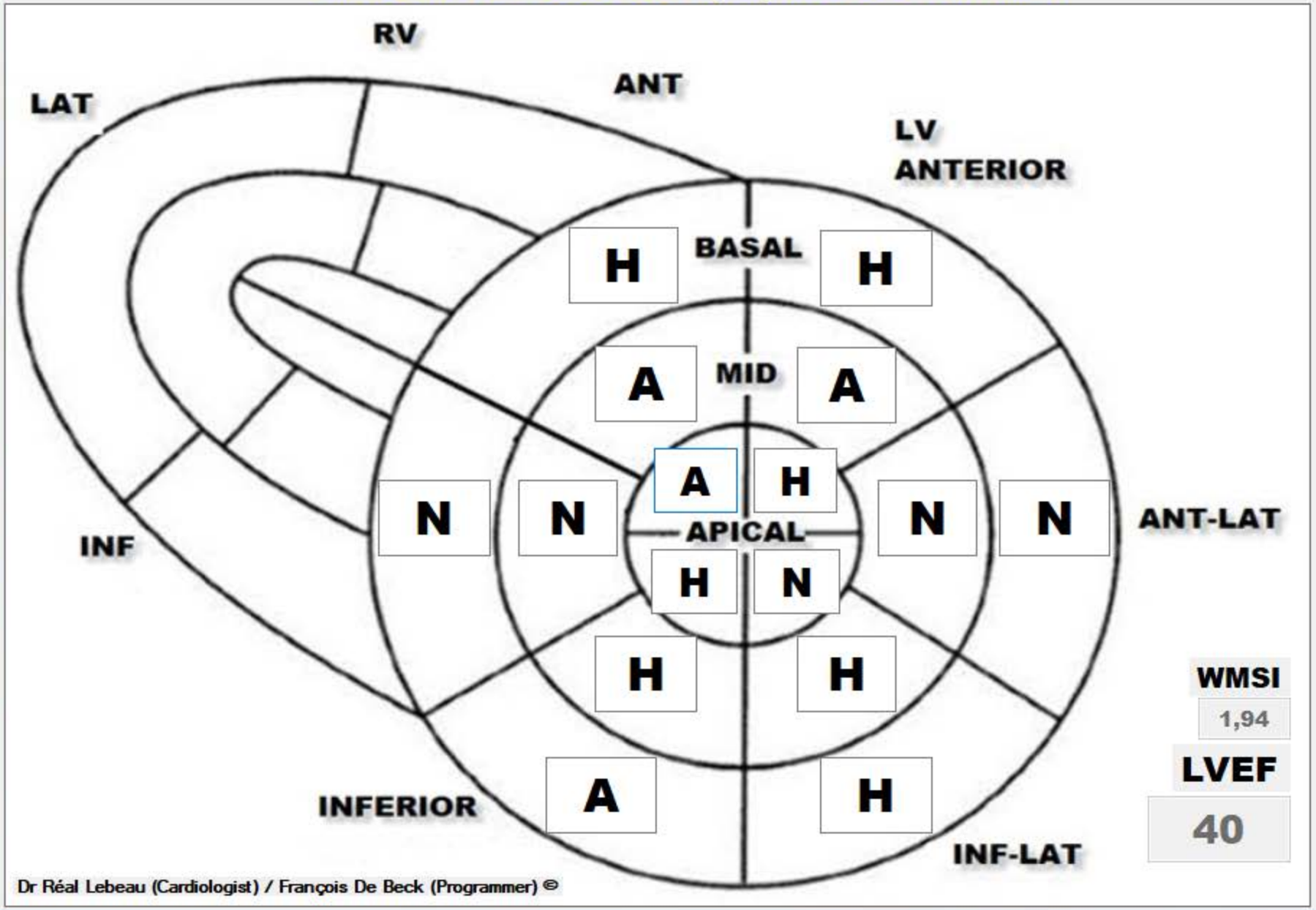
Anterior injury .RBBB

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2020-09-03

NAME:

SURNAME:

BIRTH DATE: 2020-09-03

Left Ventricle

Basal #1	2
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	1
Basal #6	2
Mid #7	3
Mid #8	1
Mid #9	2
Mid #10	2
Mid #11	1
Mid #12	3
Apical #13	2
Apical #14	1
Apical #15	2
Apical #16	3

DX.:
2 vessels disease
LAD ,RCA

WMSI
1,94

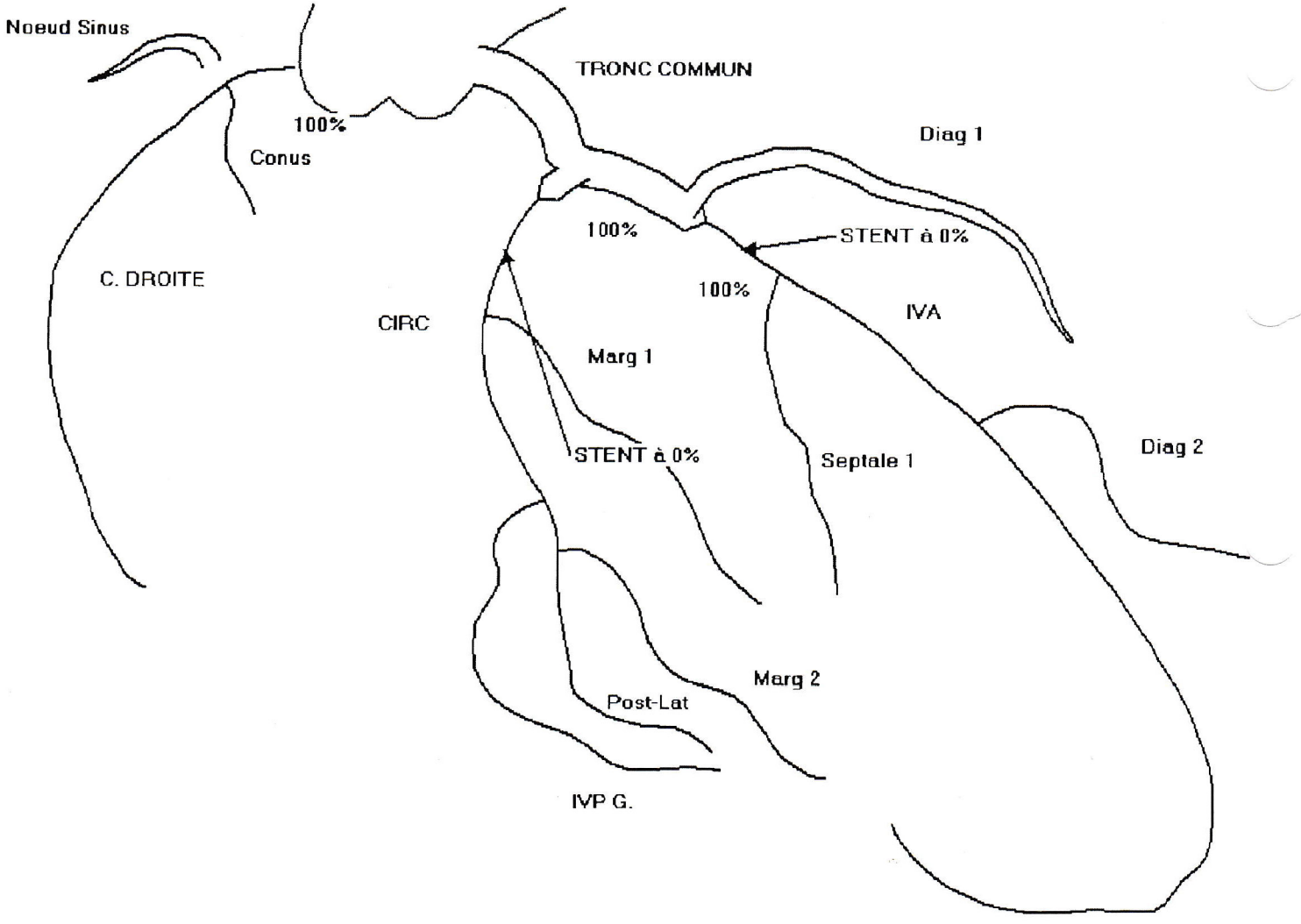
LVEF
40

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

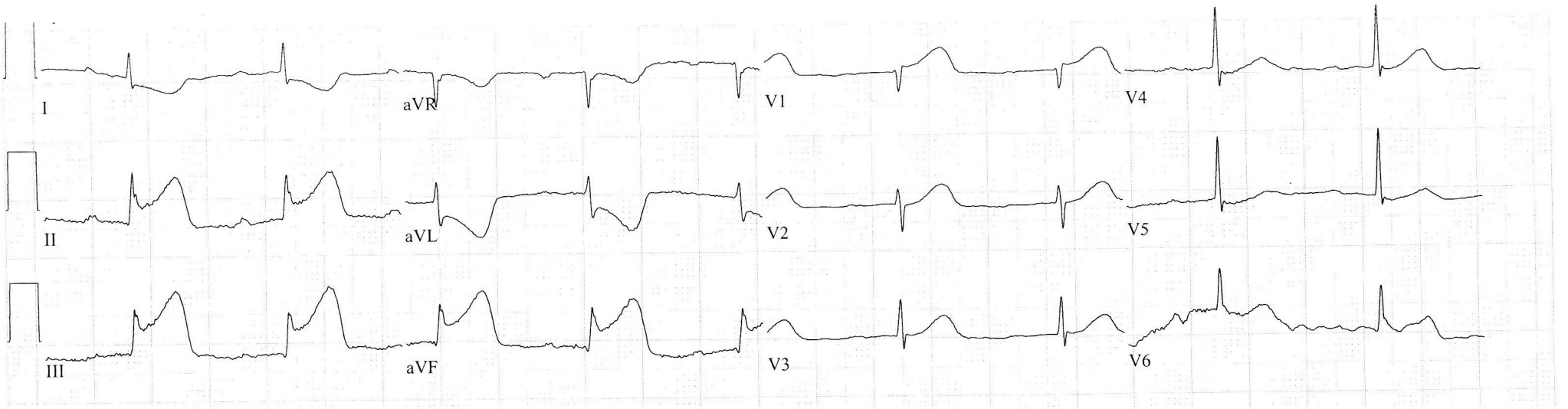
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 7

Coron.: Occlusion of LAD and Cx artery stented



No 8
F 67y Myocardial infarction
ECG.: your conclusion...



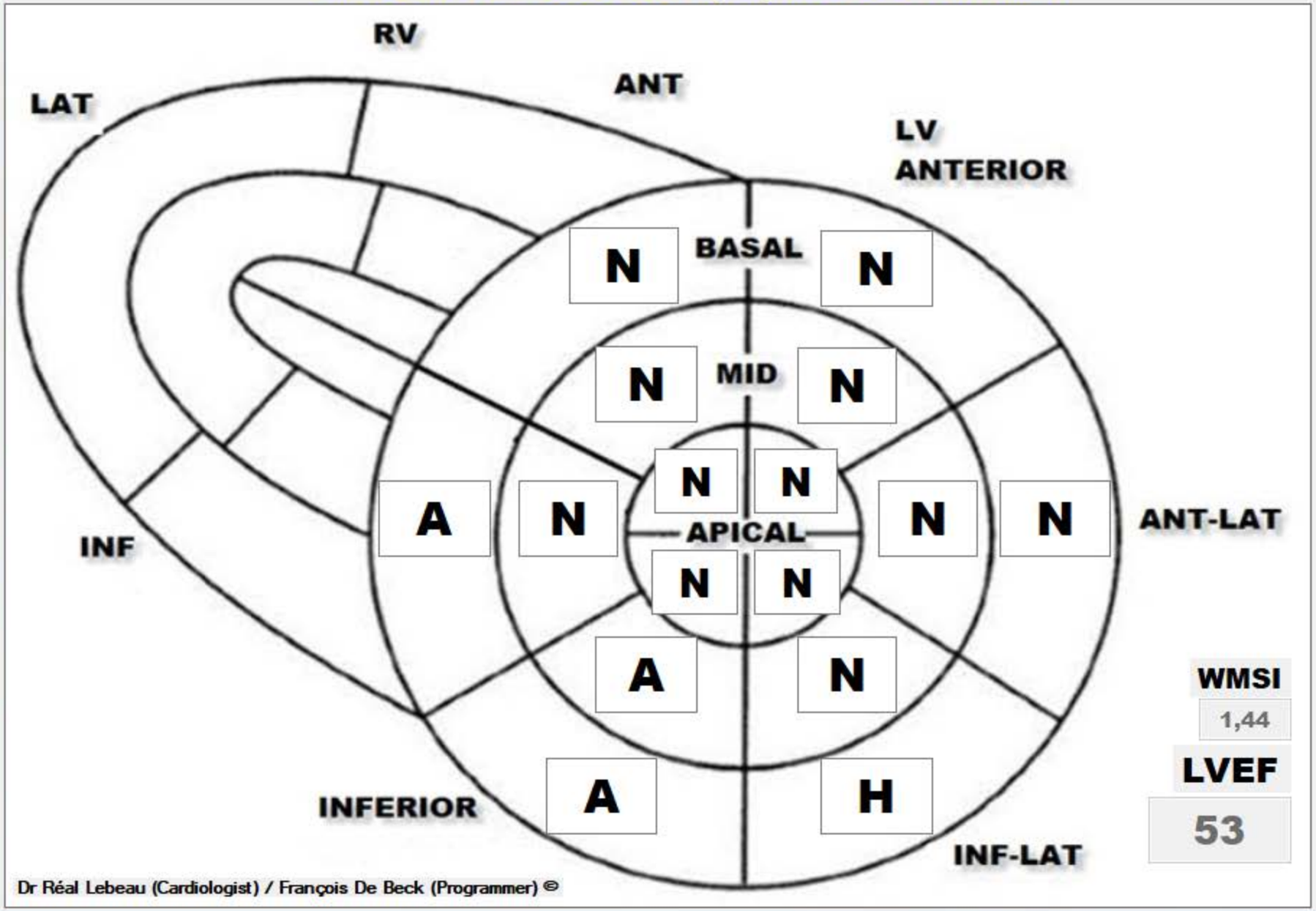
ECG.: Acute inferior infarction with possible anterior injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2019-02-14

NAME: KHAA

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

Dx.:
Inferior infarction (RCA)

WMSI
1,44

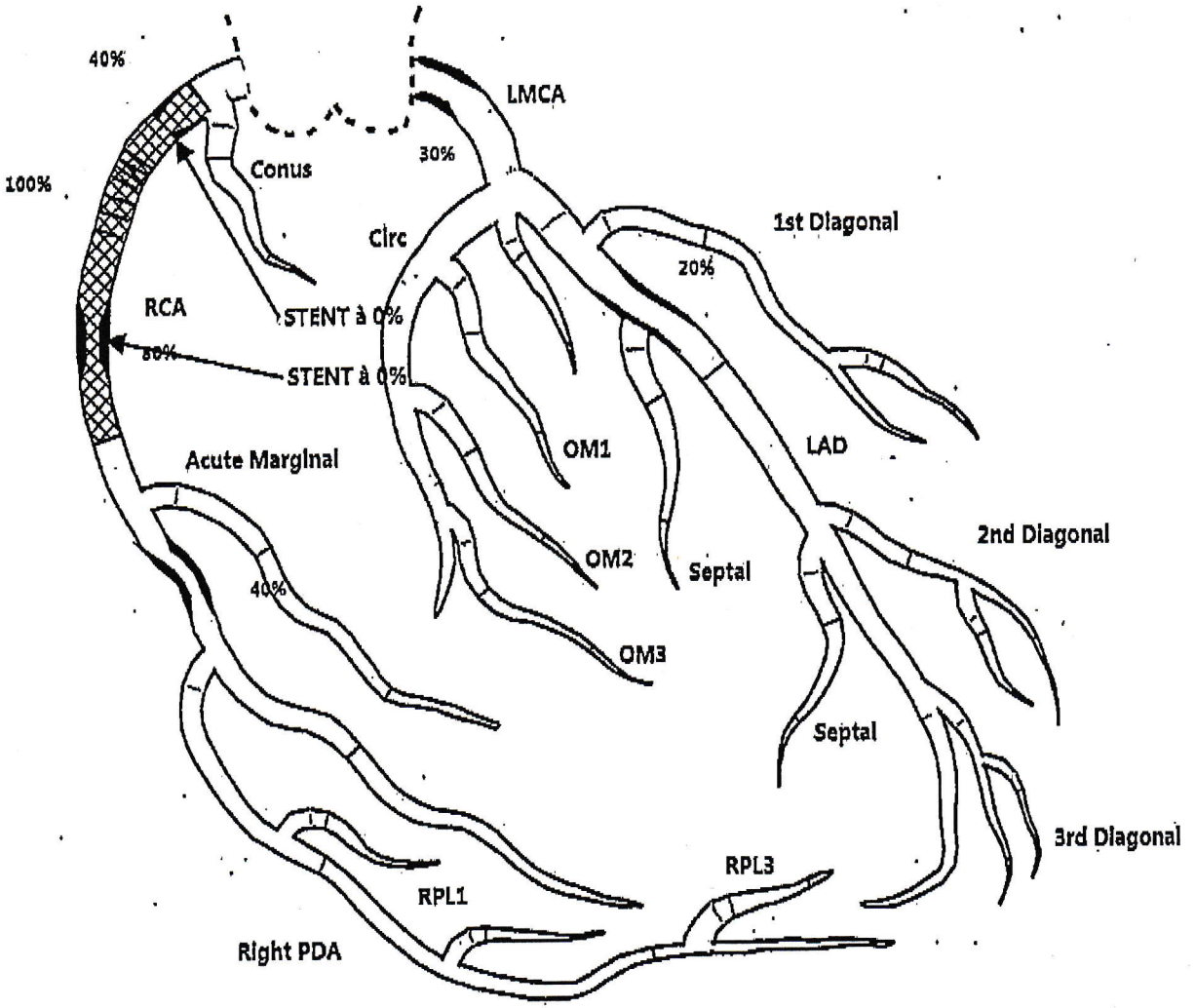
LVEF
53

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 8

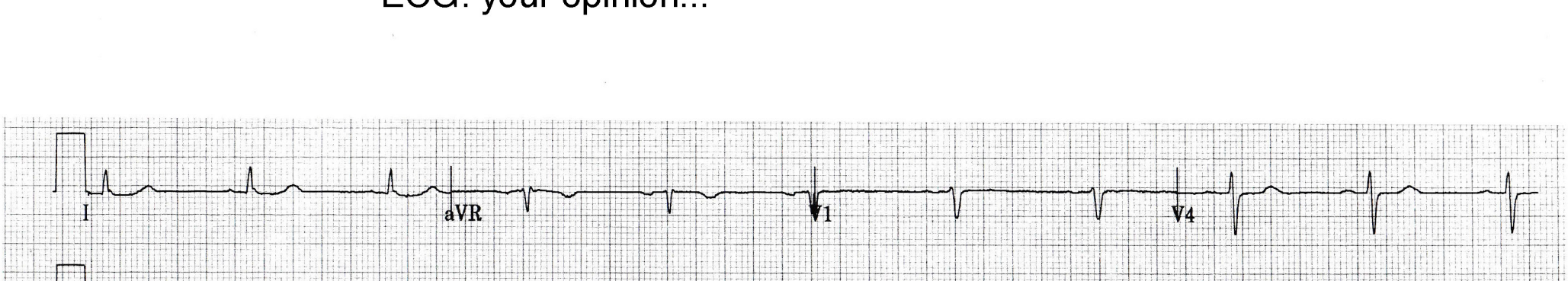
Coron.: Acute occlusion of RCA



No 9

M 77y . Post infarction angina.

ECG: your opinion...



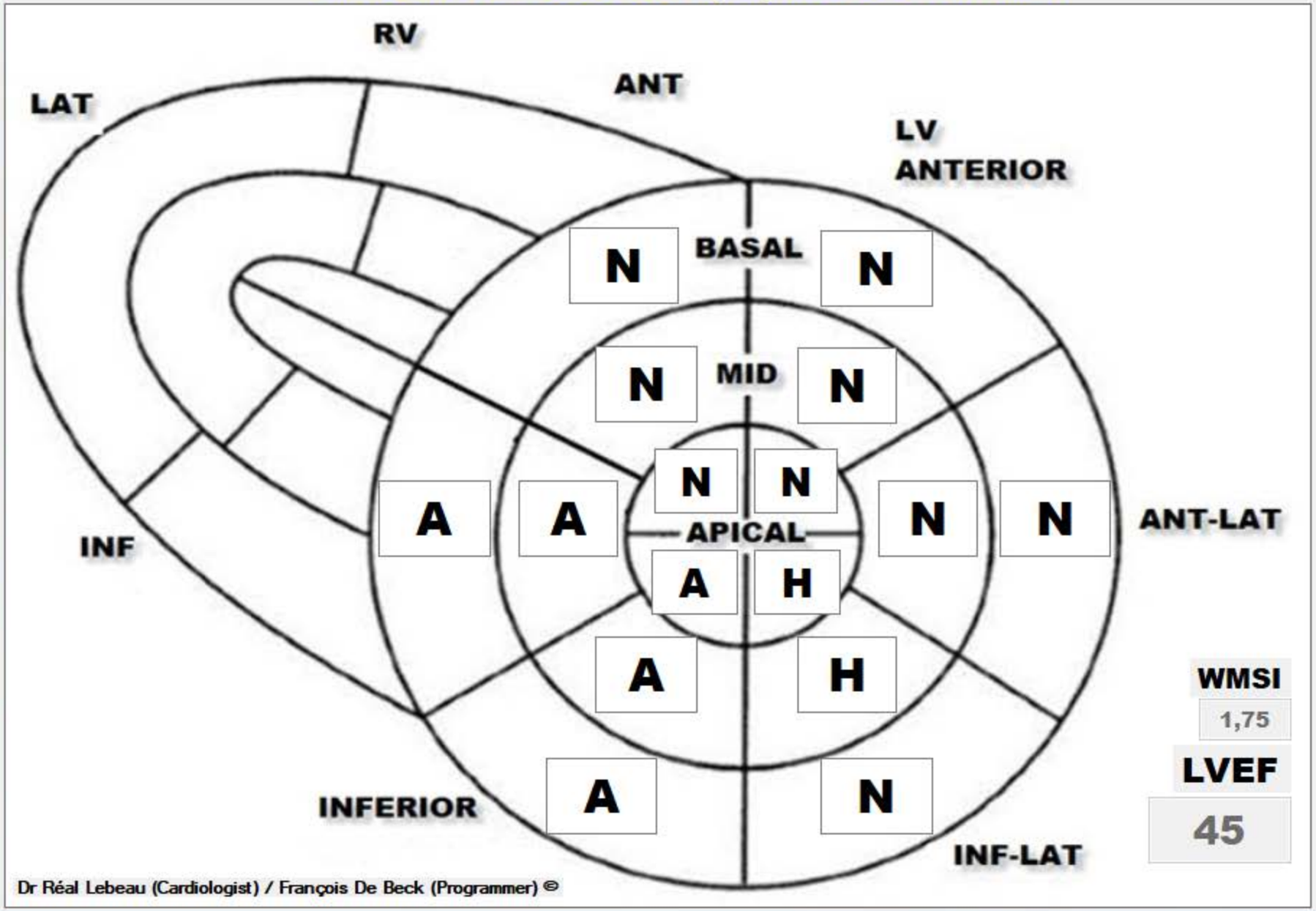
ECG.: Possible recent inferior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2014-11-17

NAME: DESM

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	1
Apical #13	1
Apical #14	2
Apical #15	3
Apical #16	1

Dx.:
Inferior infarction (RCA)

WMSI
1,75

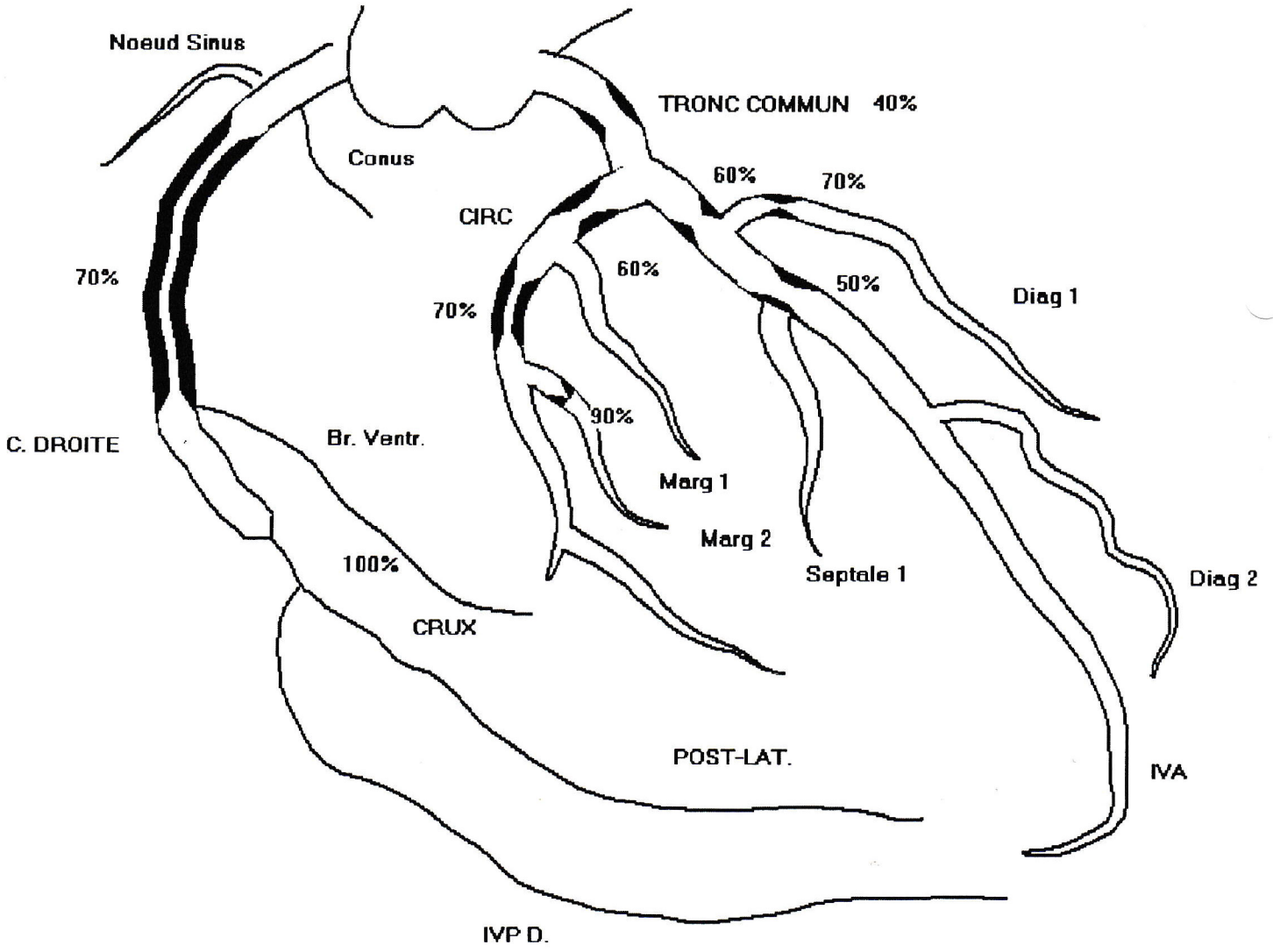
LVEF
45

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

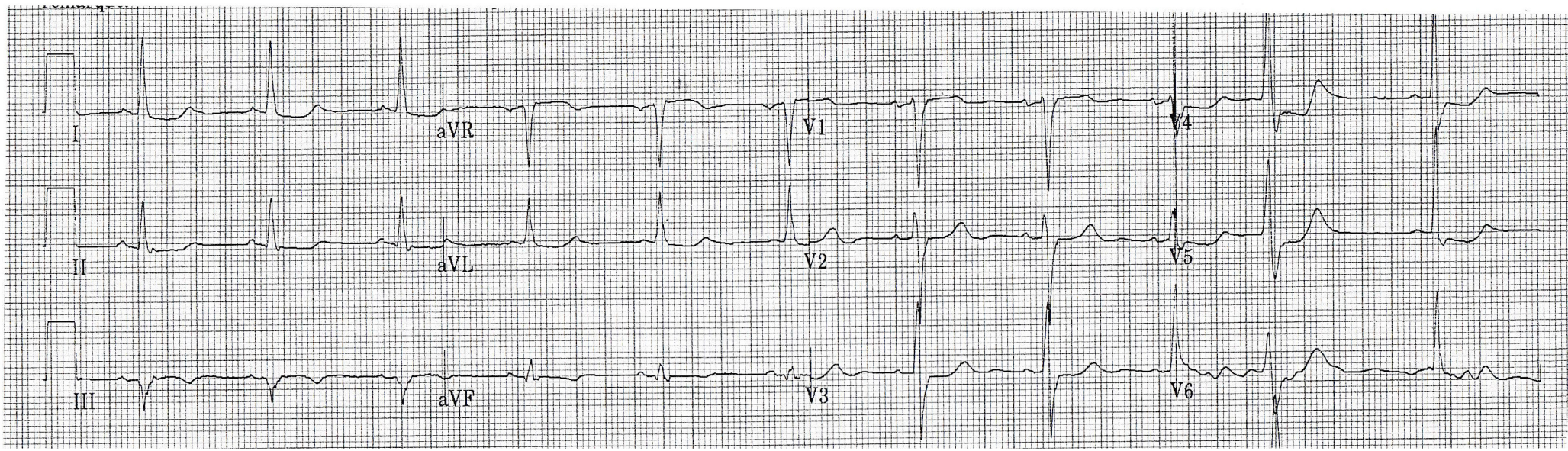
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 9

Coron.: Dilatation of RCA occlusion



No 10
F 75y. Cardiac insufficiency
ECG.: your conclusion...



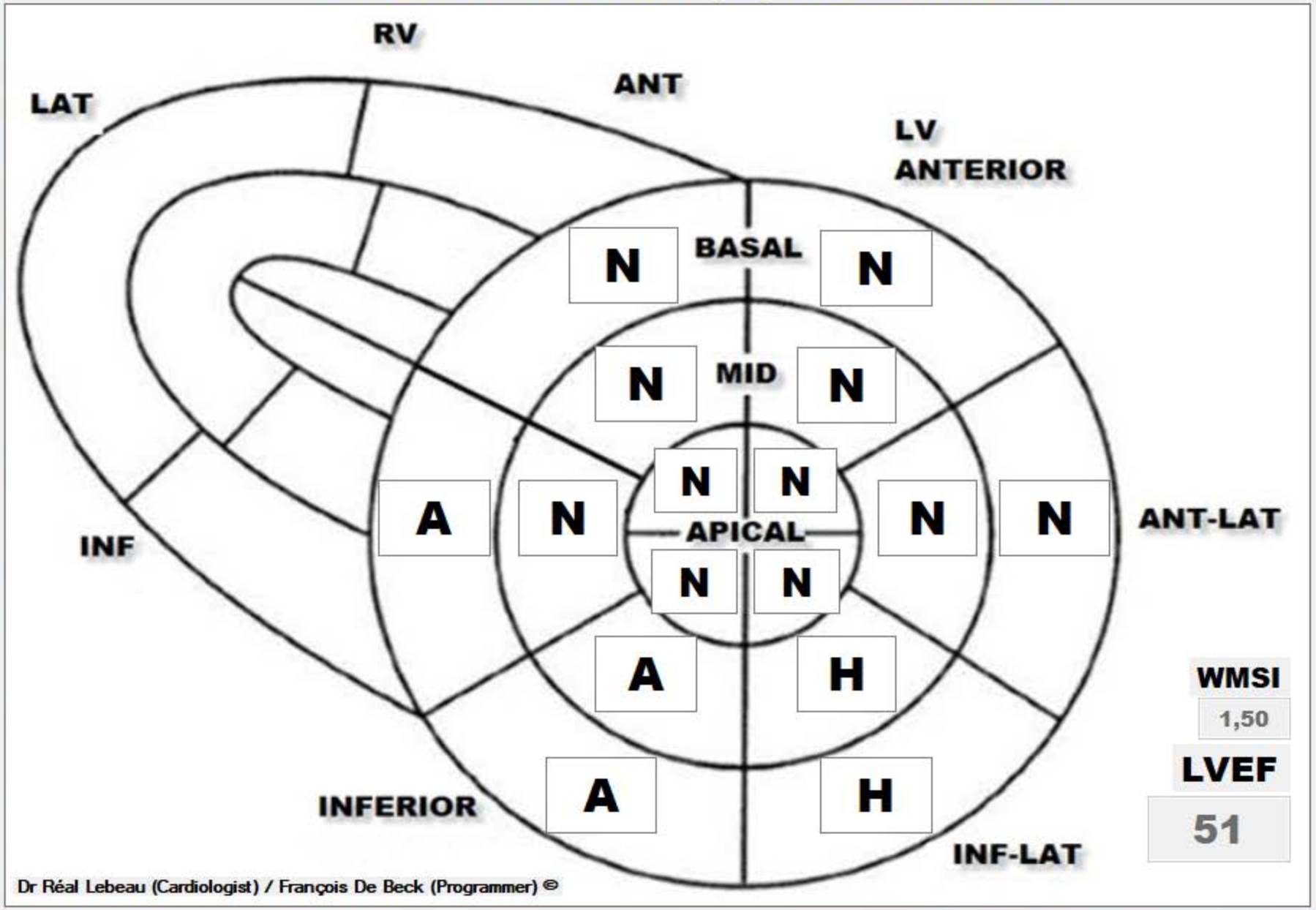
ECG.: Inferior ischemia cannot exclude old inferior infarction
Possible lateral ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2012-11-29

NAME: JASR

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

Dx.:
Inferior infarction (RCA)

WMSI
1,50

LVEF
51

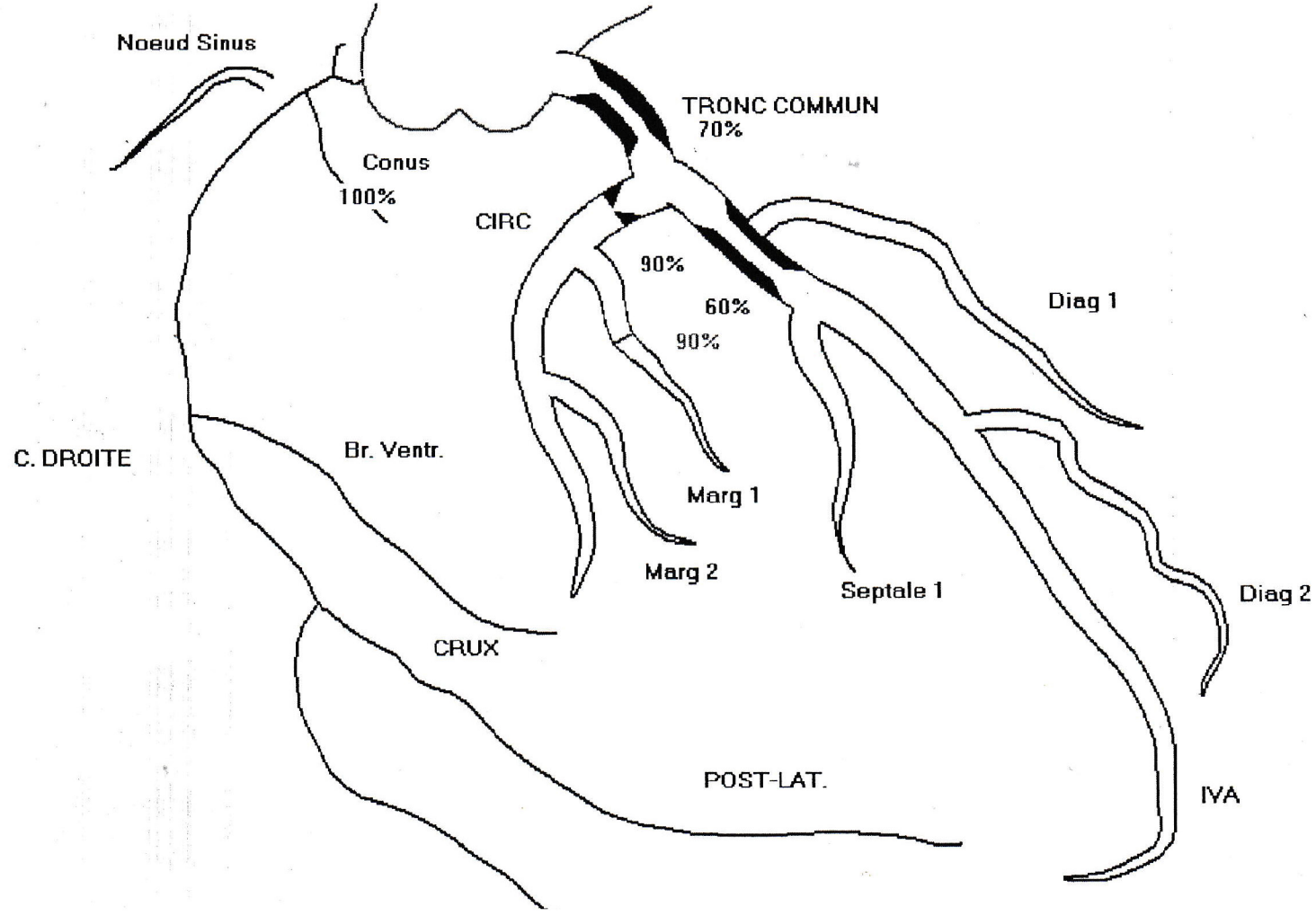
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

NO 10

Coron.: Occlusion of RCA . 3 vessels disease .

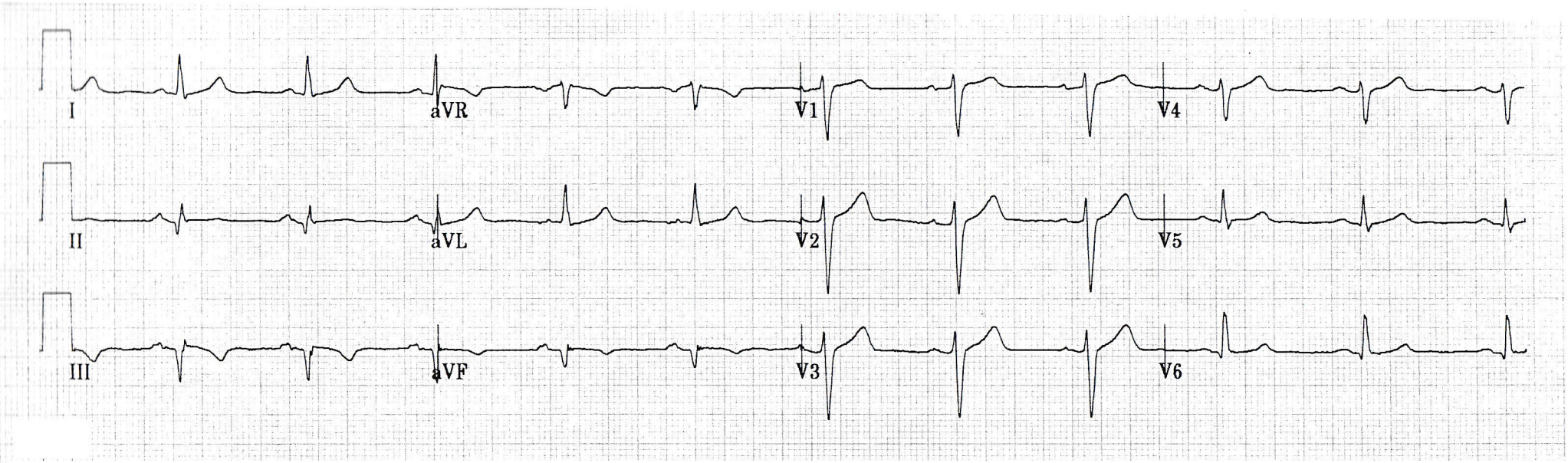
Consultation for cardiac surgery



No 11

M 63y . Stress angina

ECG.: your conclusion...



ECG.: Probable recent inferior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

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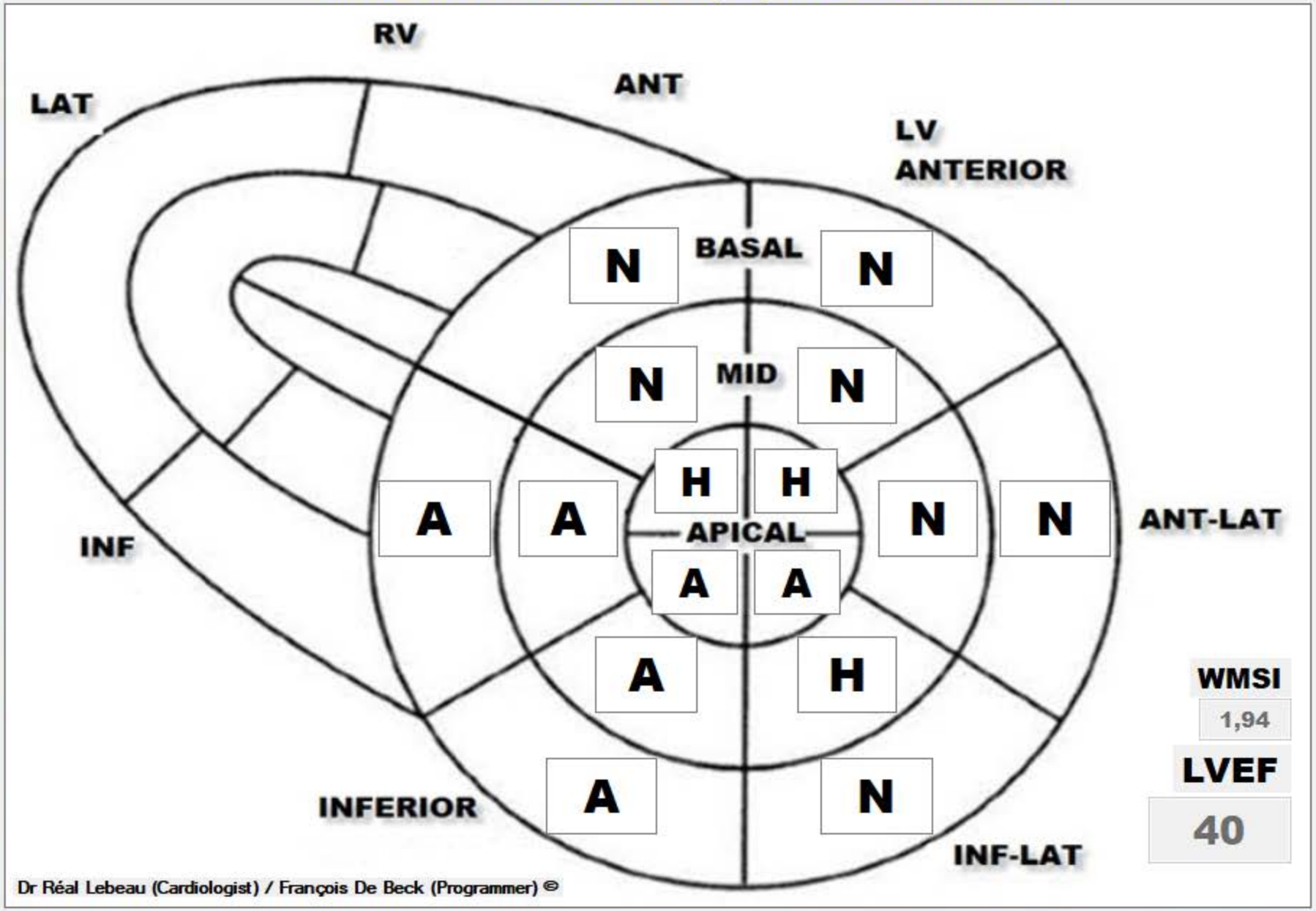
EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2014-07-28

NAME: RIDG

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	1
Apical #13	2
Apical #14	3
Apical #15	3
Apical #16	2

Dx.:
Inferior infarction (RCA)

WMSI
1,94

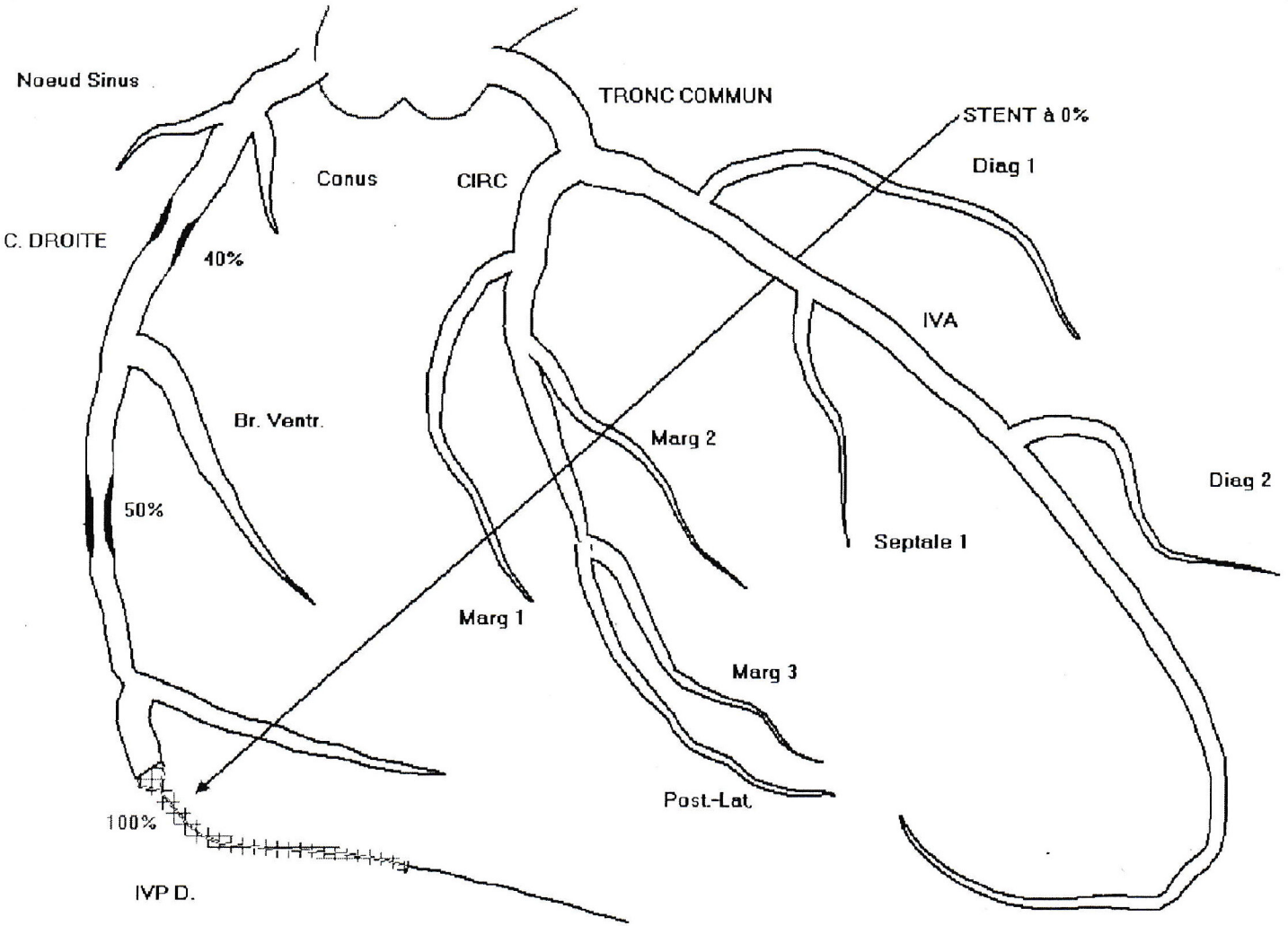
LVEF
40

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 11

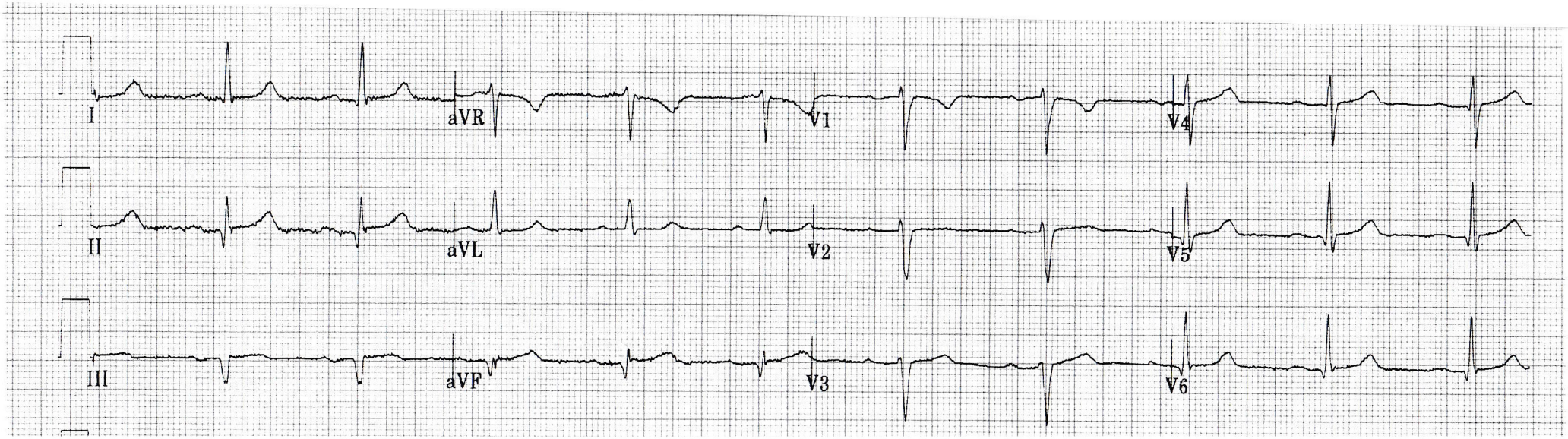
Coron.: Occlusion of distal RCA stented.



No 12

M 69y. Ischemic heart disease.

ECG.: your conclusion...



ECG.: Possible recent inferior infarction and old non transmural anterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

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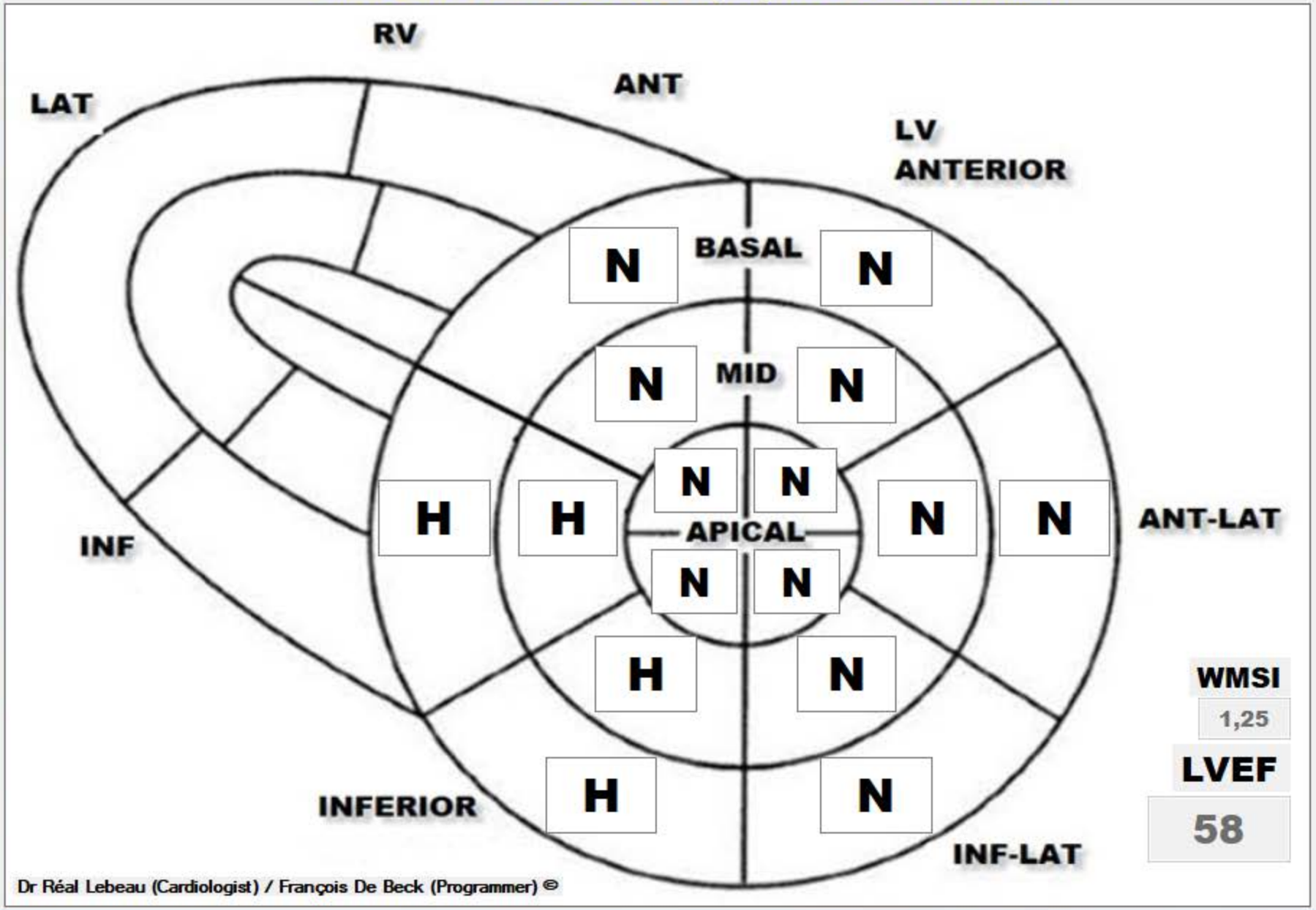
EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI

1,25

LVEF

58

Classical Wall Motion

EXAM DATE: 2016-10-19

NAME: LAMJ

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	2
Basal #5	2
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	2
Mid #11	2
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

Dx.:
Inferior infarctio
(RCA)

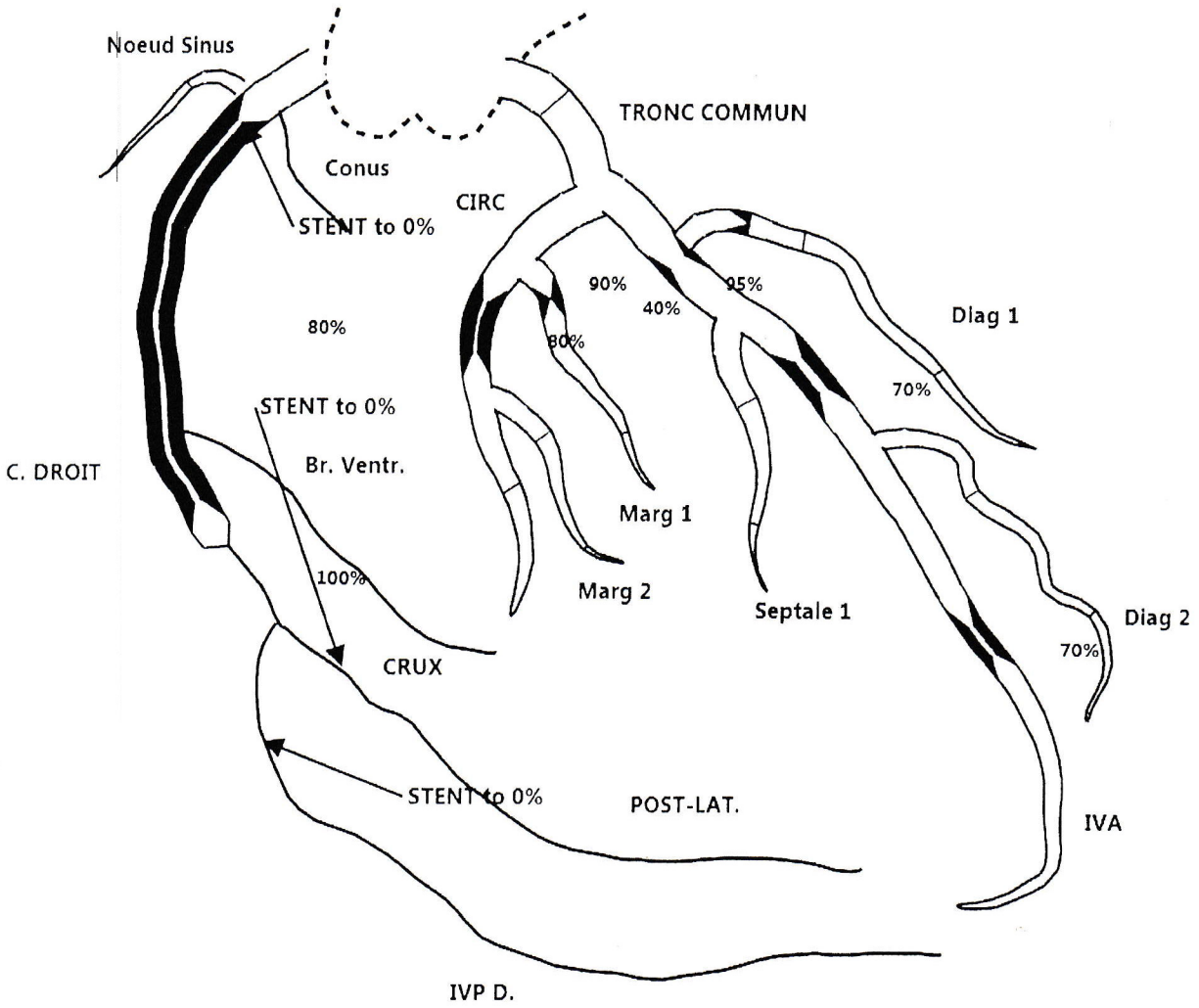
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

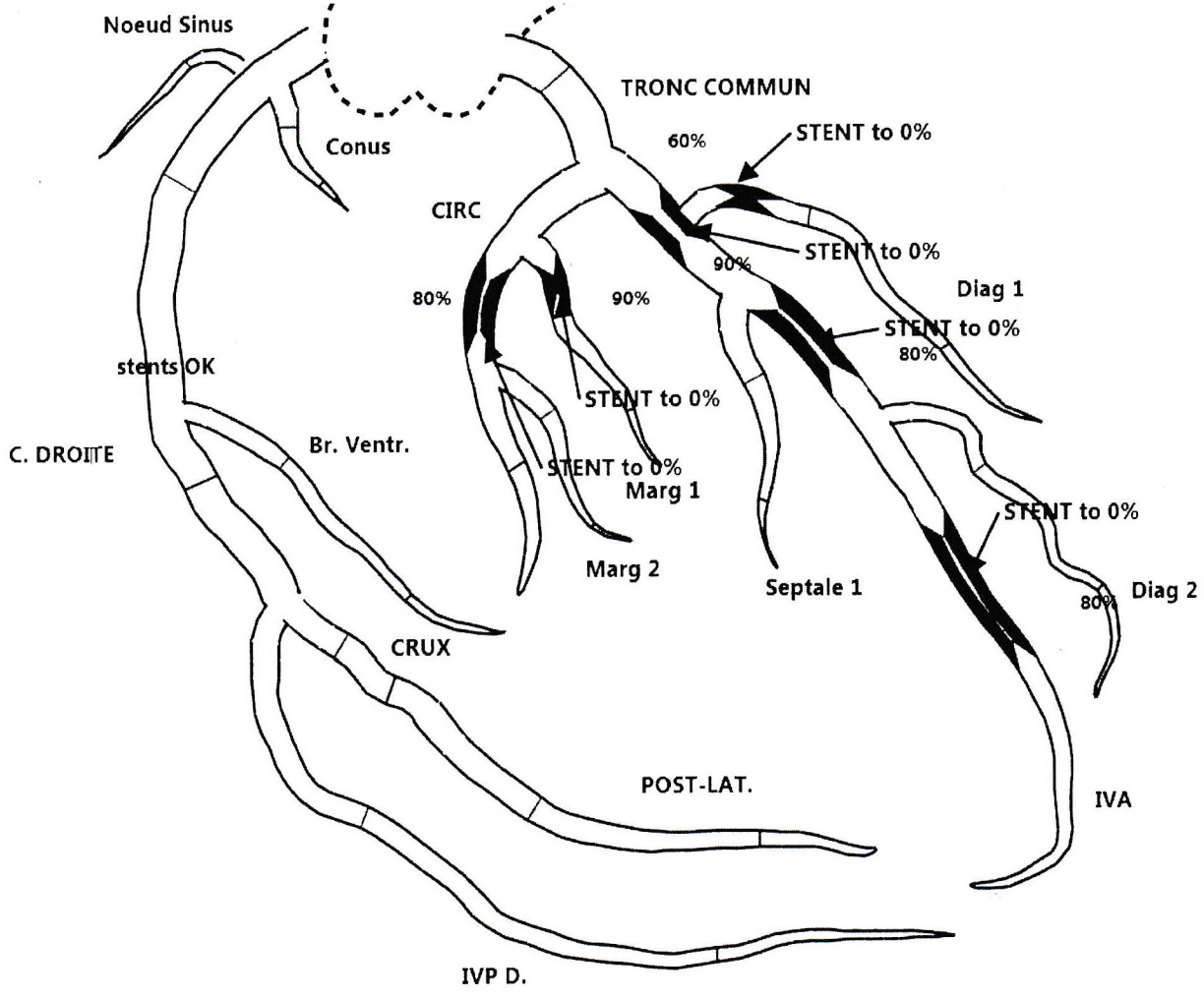
No 12

Coron.: Occlusion of RCA stented

NB.: LAD and CX stented 2 days later



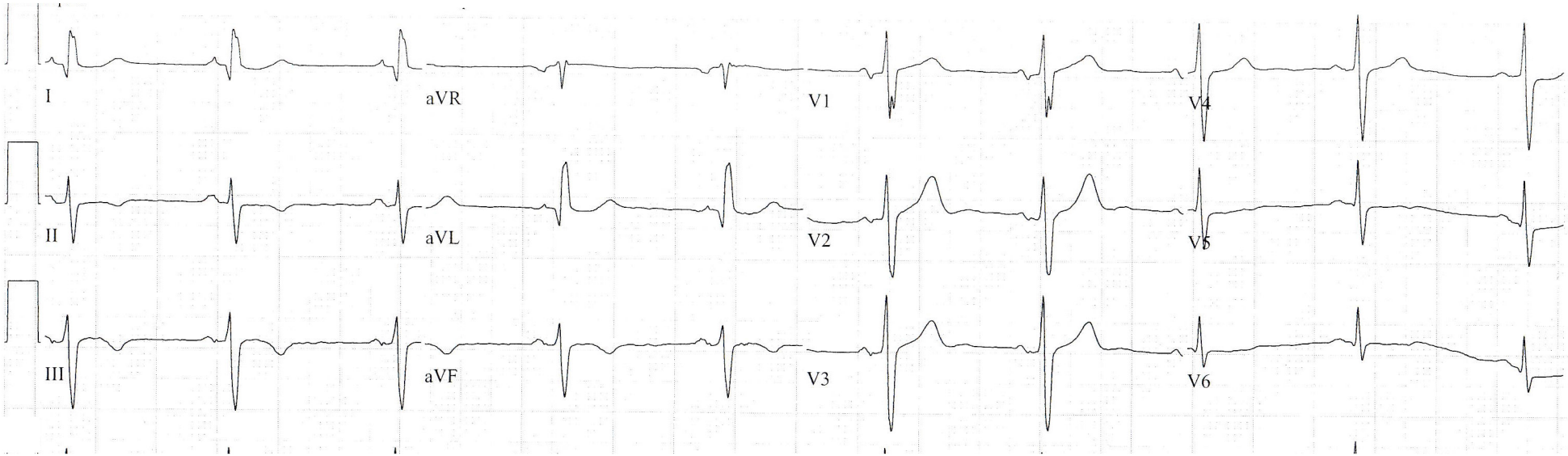
No 12
Stented CX and LAD



No 13

M 65y . Myocardial infarction.

ECG .: your conclusion...



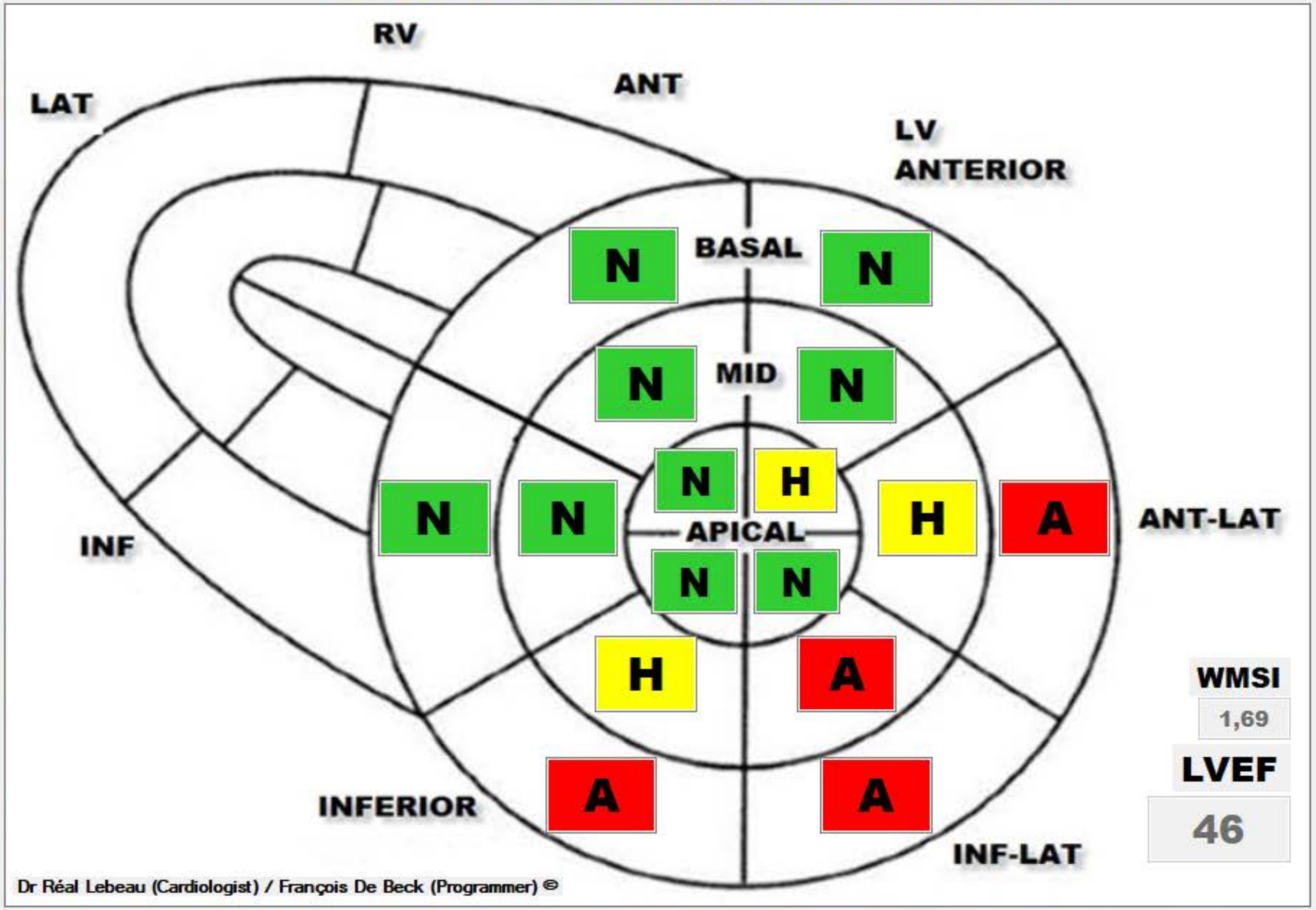
ECG.: Left anterior hemiblock. Old posterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2019-02-12

NAME: LECC

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	3
Basal #3	3
Basal #4	3
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	2
Mid #11	1
Mid #12	1
Apical #13	2
Apical #14	1
Apical #15	1
Apical #16	1

Dx.: Lateral infarction (Cx)

WMSI

1,69

LVEF

46

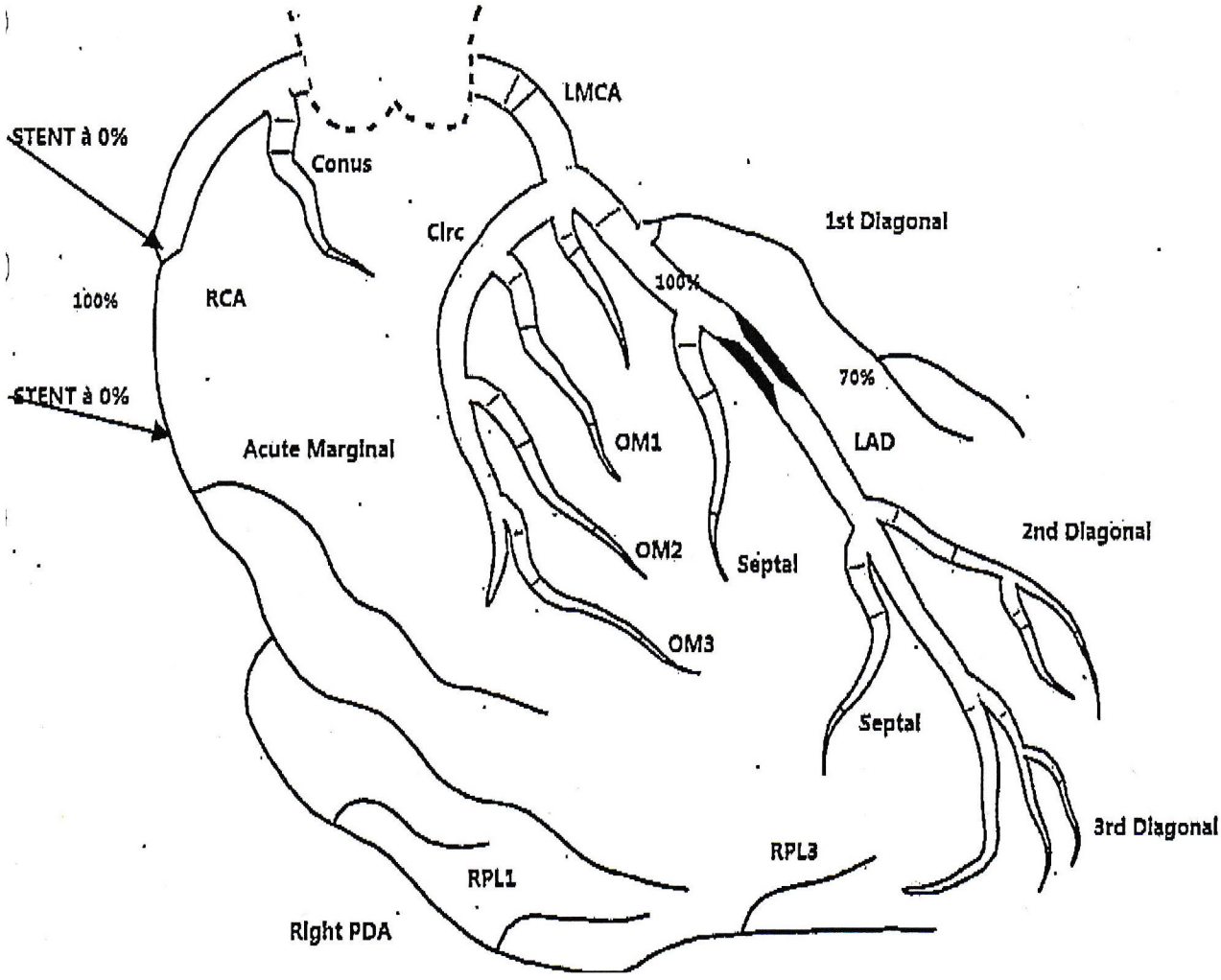
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 13

Coron.: Occlusion of RCA stented.

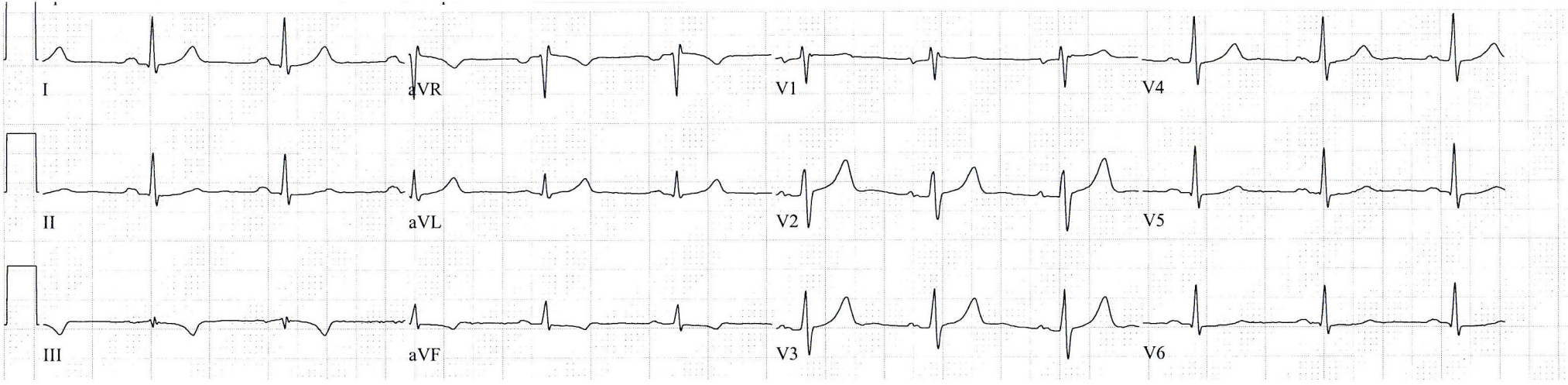
N.B.:very unusual Cx territory on echo by RCA



No 14

M 47y . Instable angina.

ECG.: your interprétation...



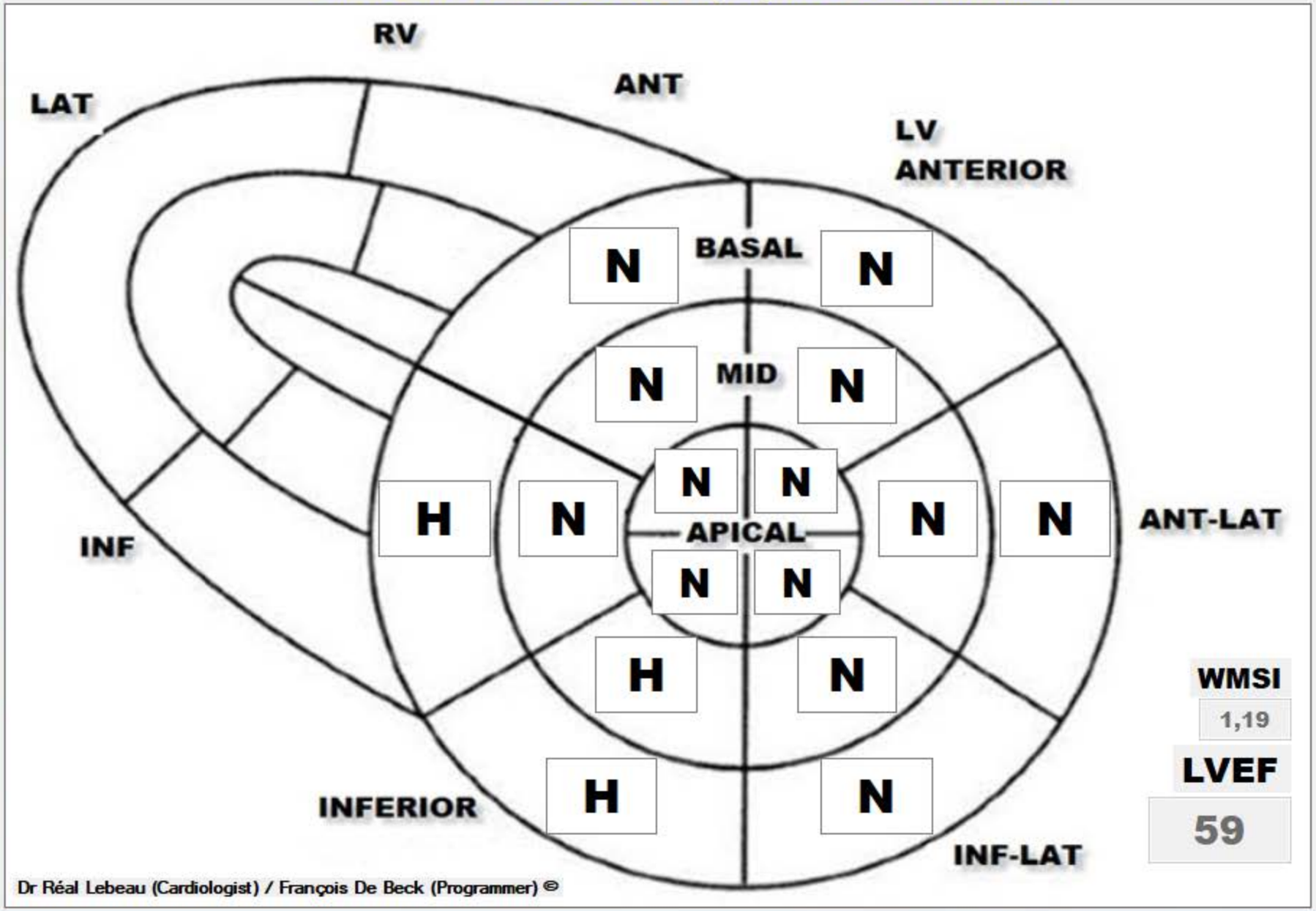
ECG.: Inferior ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2012-05-15

NAME: PARS

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	2
Basal #5	2
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	2
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

Dx.: inferior infarction (incomplete)

WMSI

1,19

LVEF

59

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 14

Coron.: Occlusion mid RCA with collateral could explain nontransmural infarction echo

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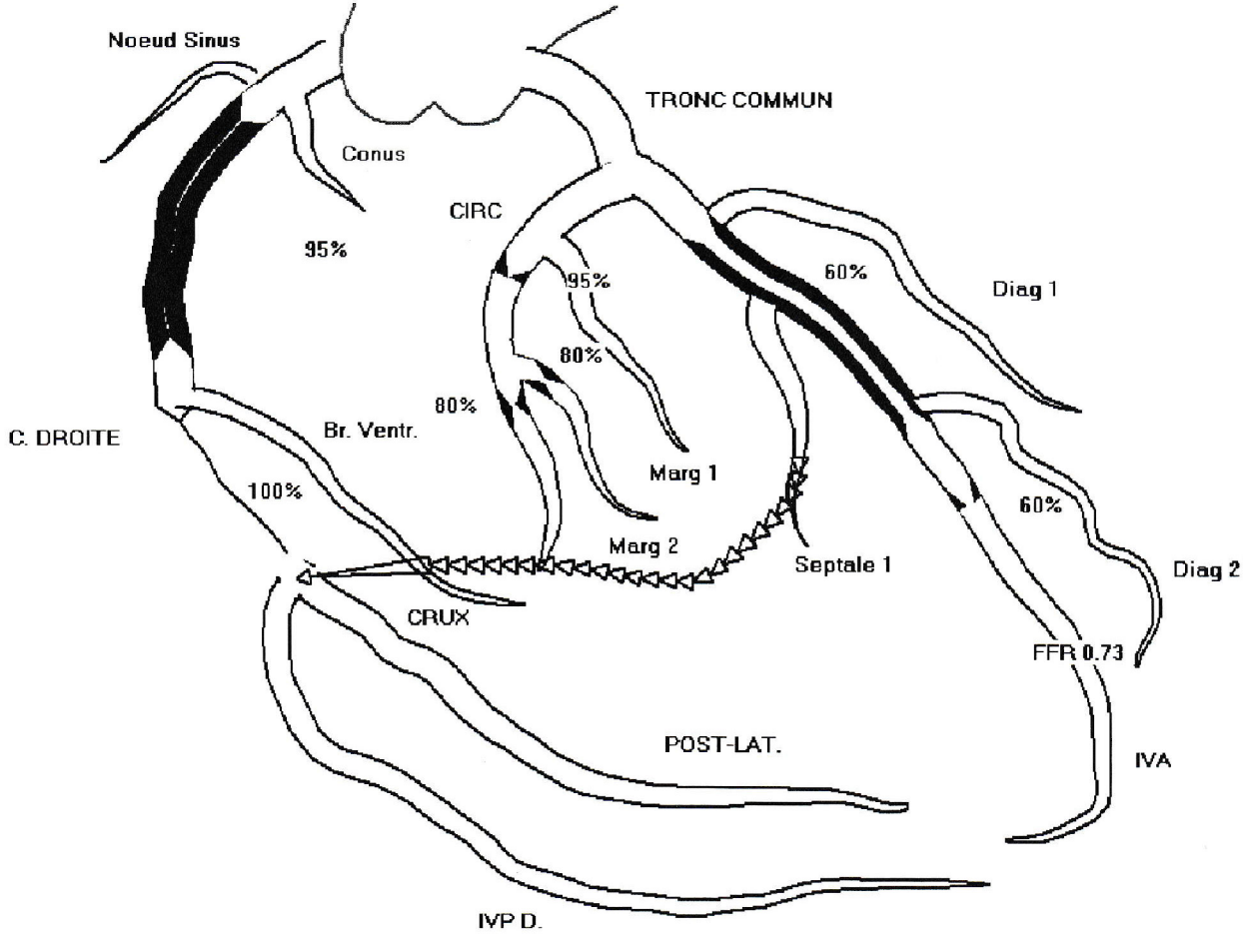
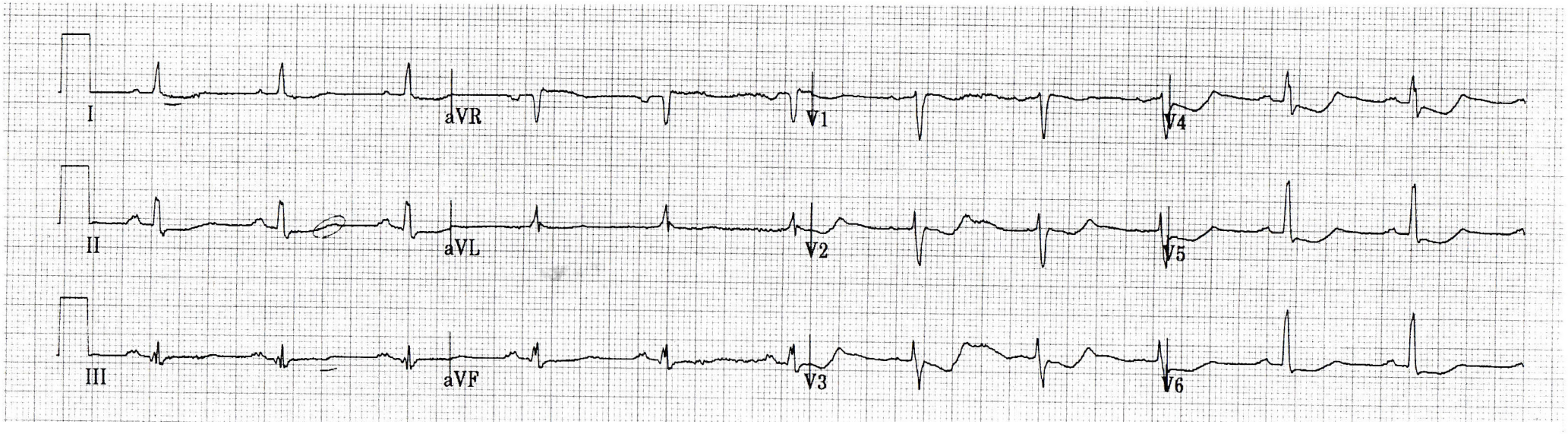


No 15

F 73y . NSTEMI.

ECG.: your conclusion...



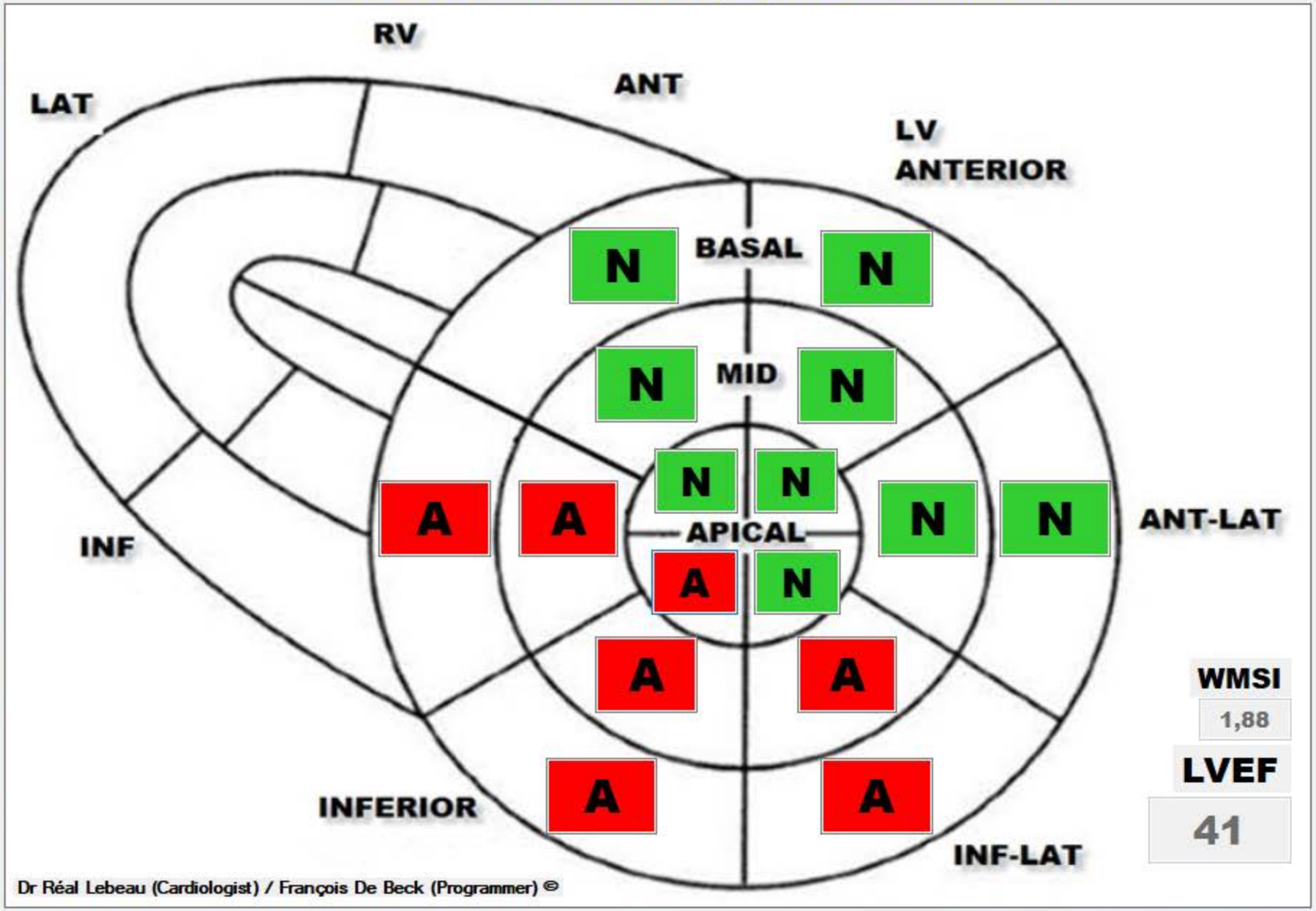
ECG.: Infero-postero-lateral injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-01

NAME:

SURNAME:

BIRTH DATE: 2020-11-01

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	3
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	3
Mid #10	3
Mid #11	3
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	3
Apical #16	1

WMSI

1,88

LVEF

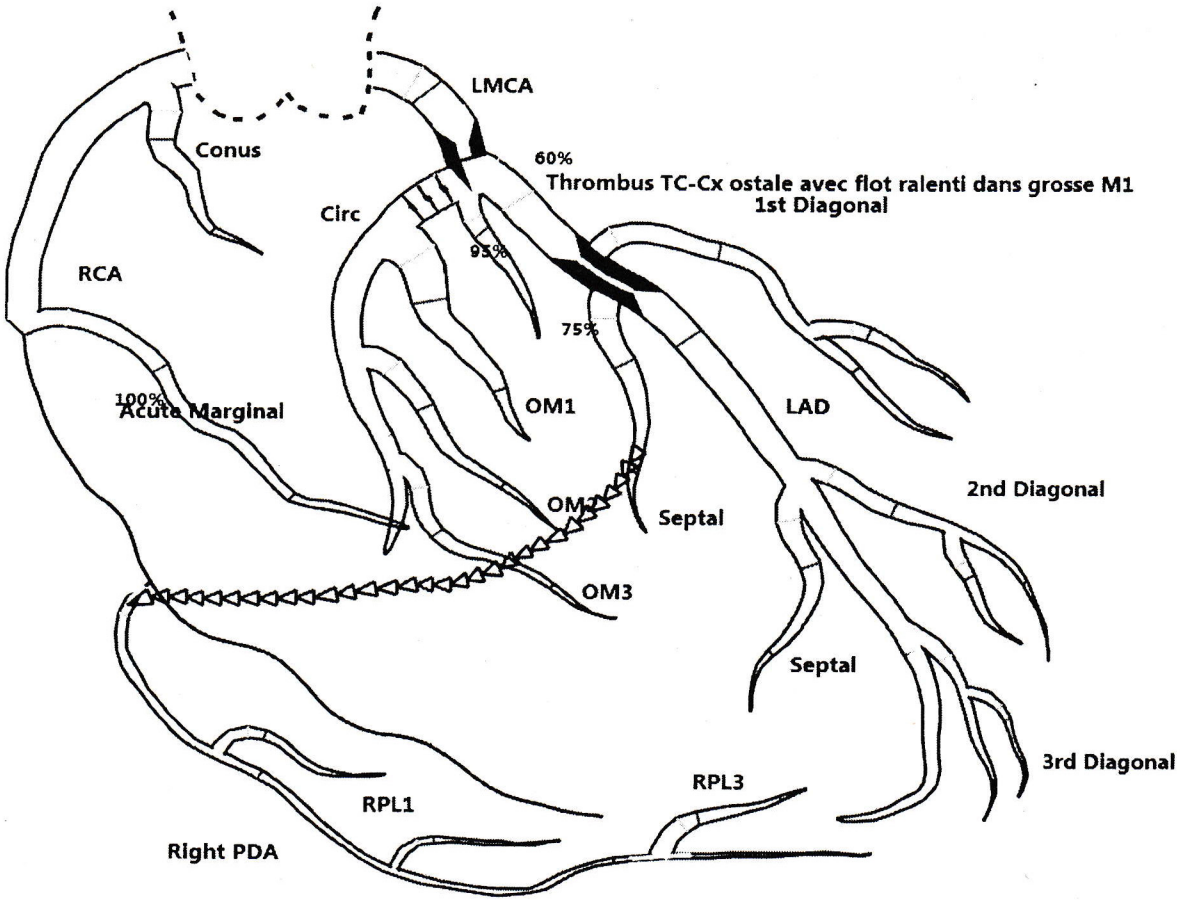
41

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 15

Coron.: Acute occlusion of RCA .

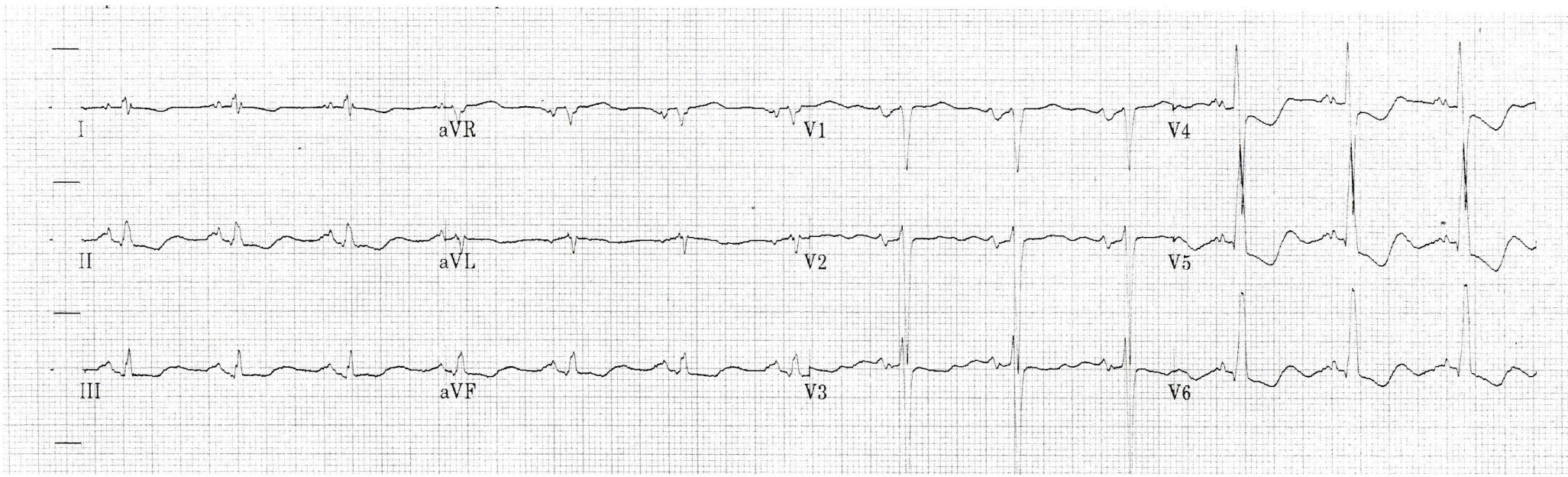
Collateral from LAD



No 16

M 78y. Acute pulmonary oedema.

ECG.: your conclusion...



ECG.:Possible sub endocardial inferolateral injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

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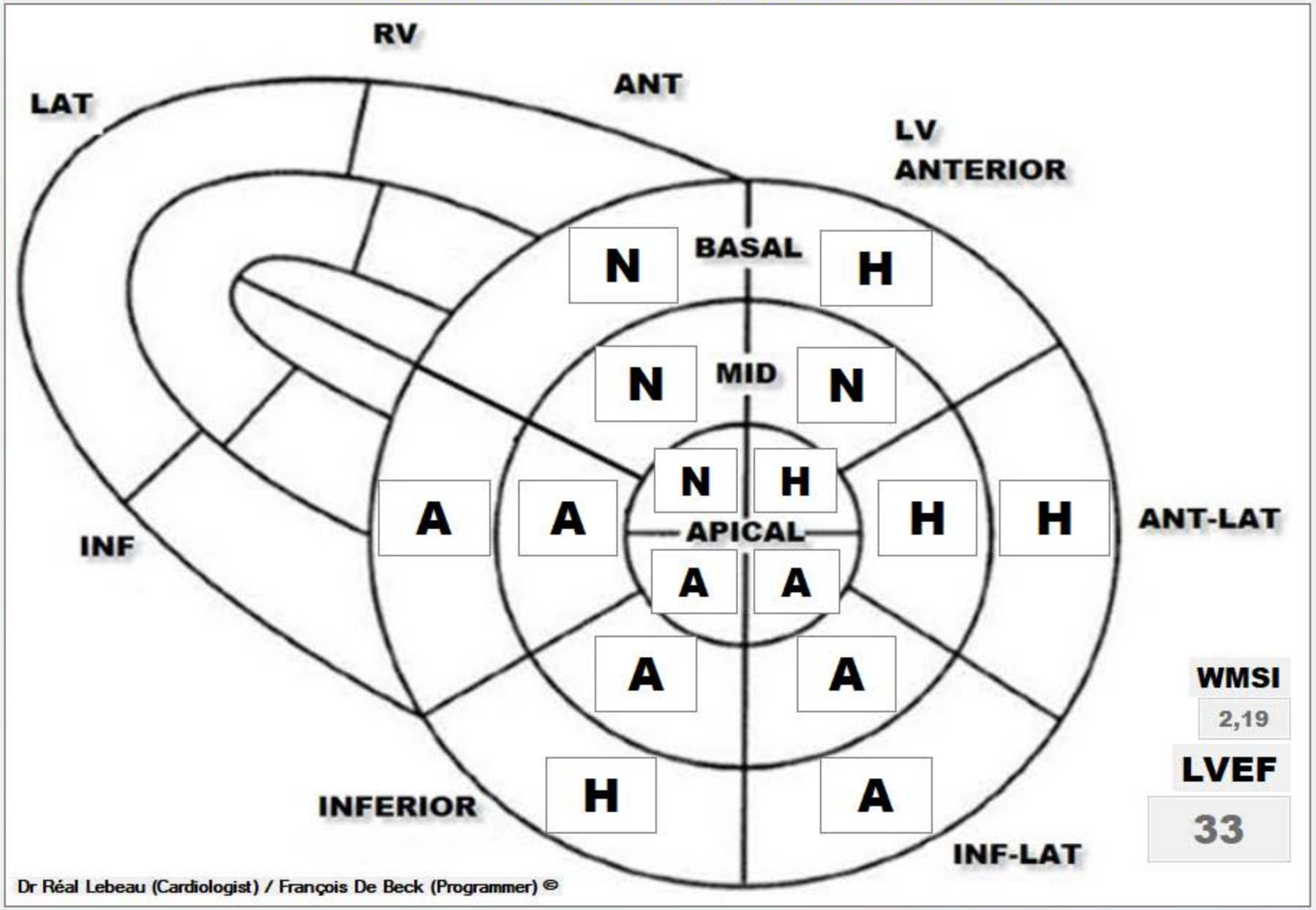
EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2017-06-06

NAME: SERV

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	2
Basal #2	2
Basal #3	3
Basal #4	2
Basal #5	3
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	3
Mid #11	3
Mid #12	1
Apical #13	2
Apical #14	3
Apical #15	3
Apical #16	1

Dx.: inferior and lateral infarction (R-Cx)

WMSI

2,19

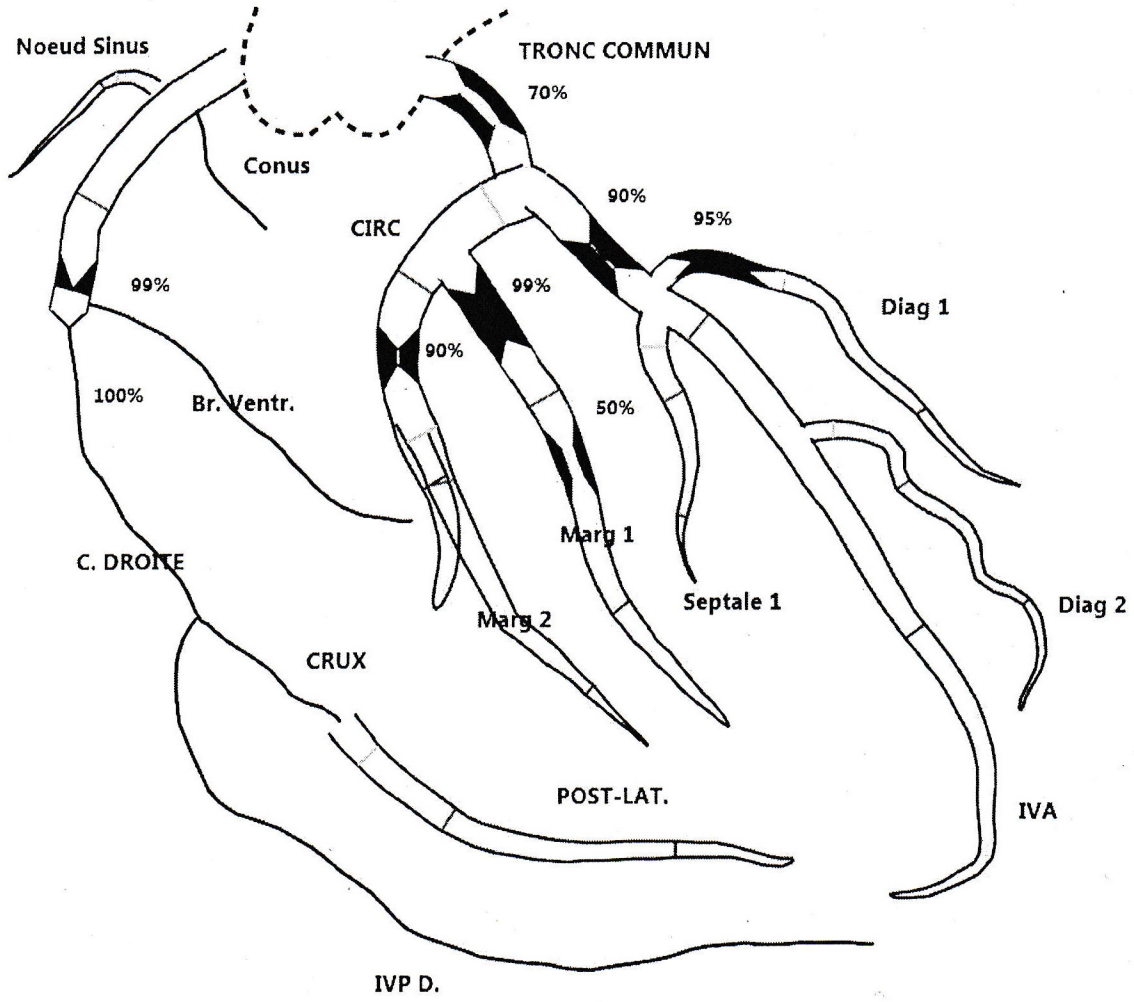
LVEF

33

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

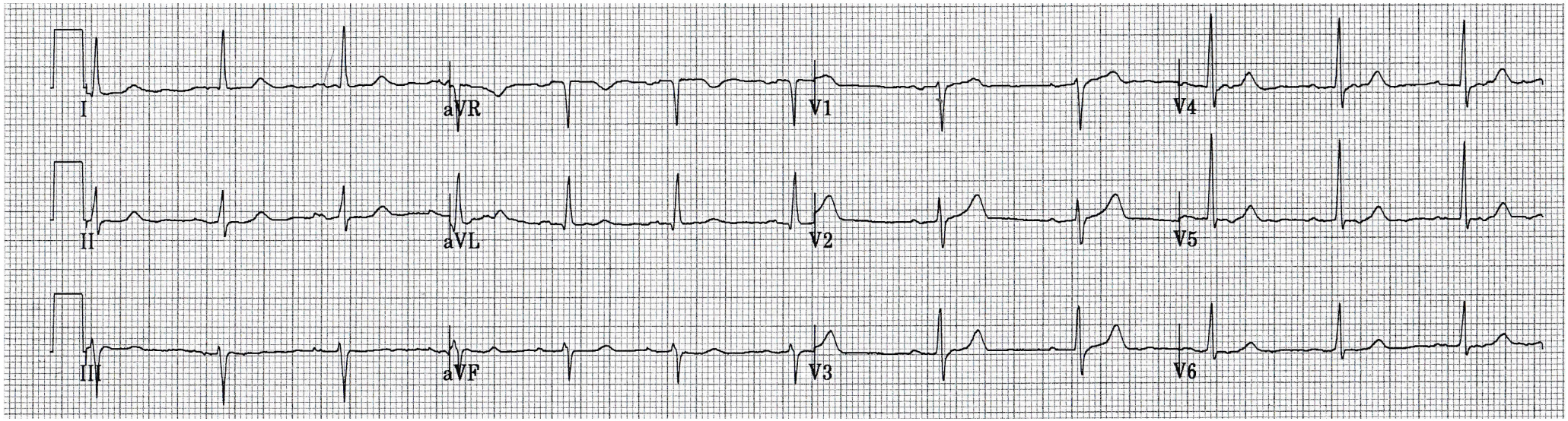
Coron.: Acute occlusion of RCA.
Severe atheromatose of LAD and CX.
Consultation cardiac surgery



NO 17

F 77y. Ischemic heart disease

ECG.: your conclusion...



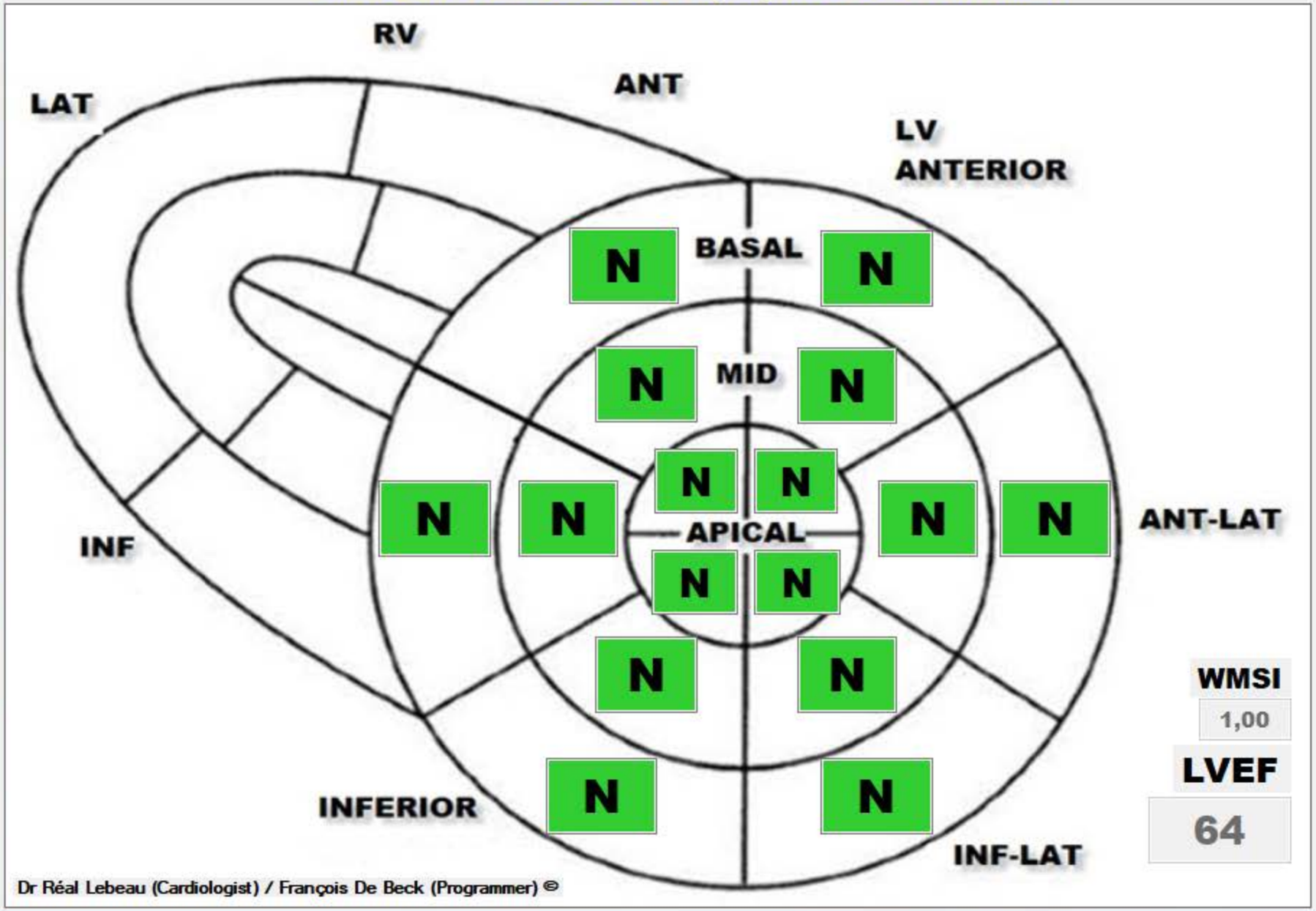
ECG.: Normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,00

LVEF
64

Classical Wall Motion

EXAM DATE: 2011-12-21

NAME: RICJ

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

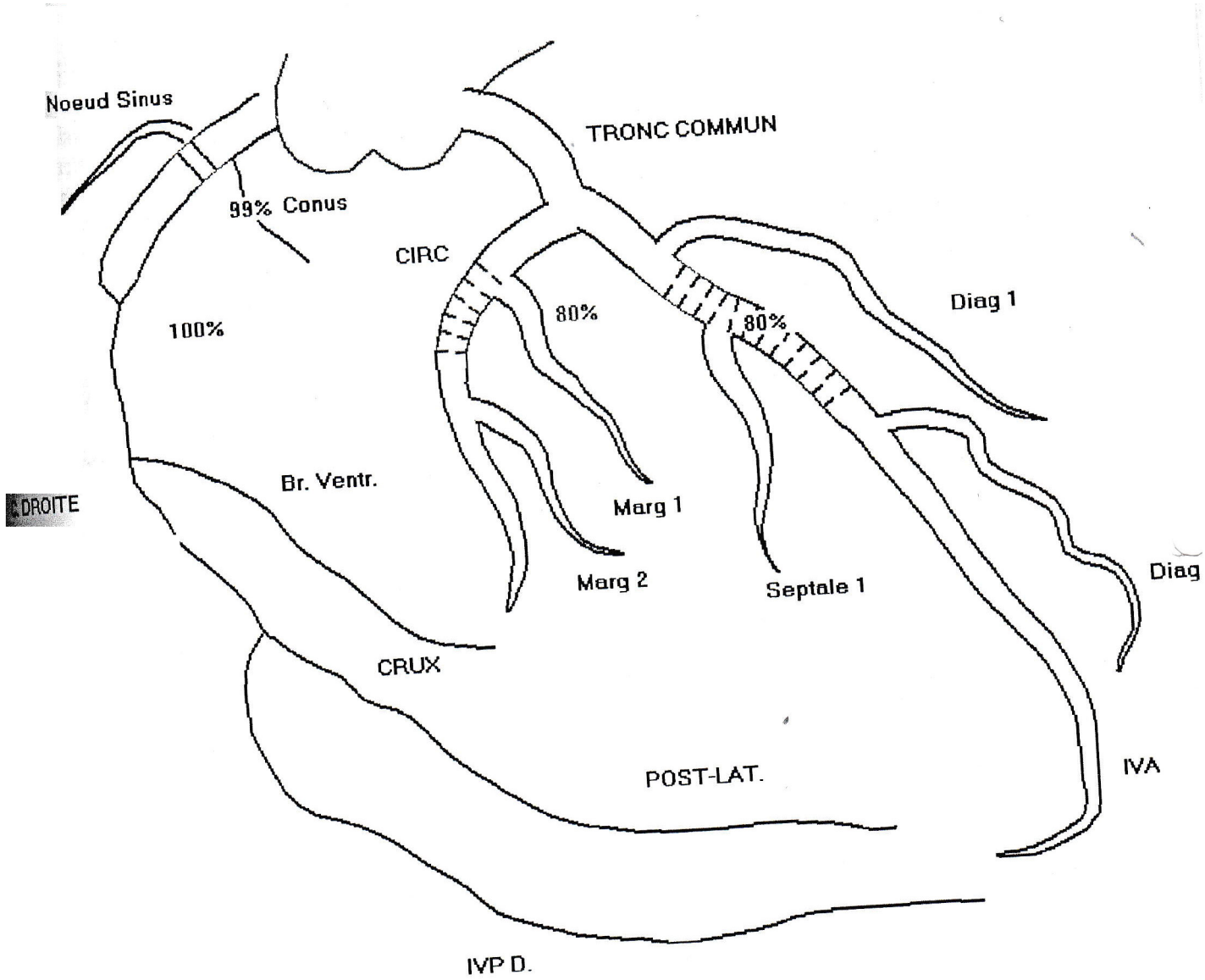
Dx.: Normal

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

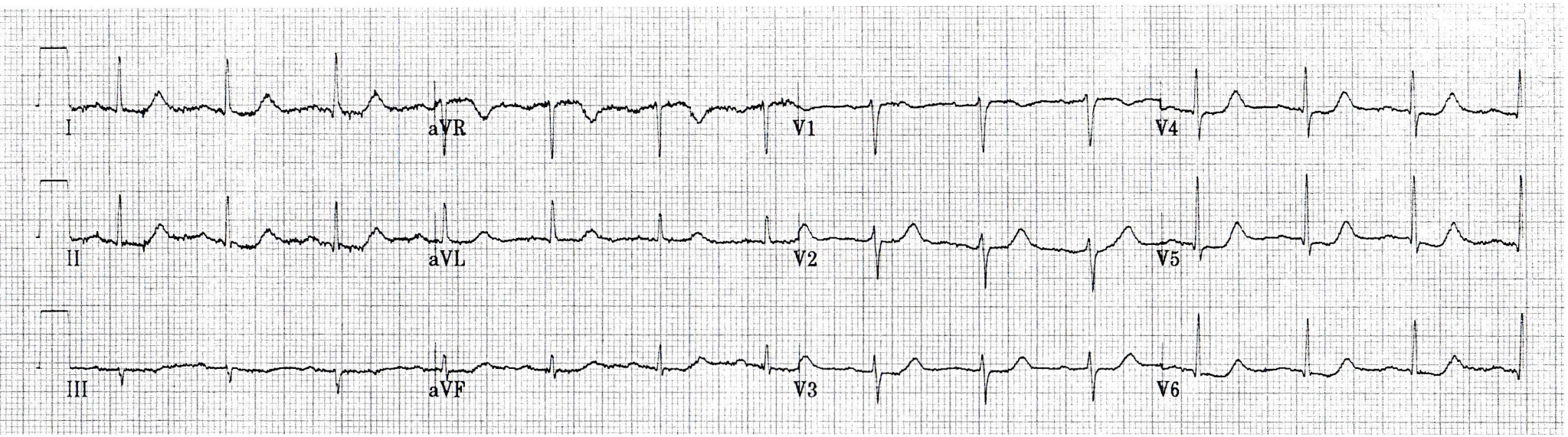
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 17

Coron.: Occlusion of RCA



No 18
F 82 y. Myocardial infarction
ECG.:Your conclusion...



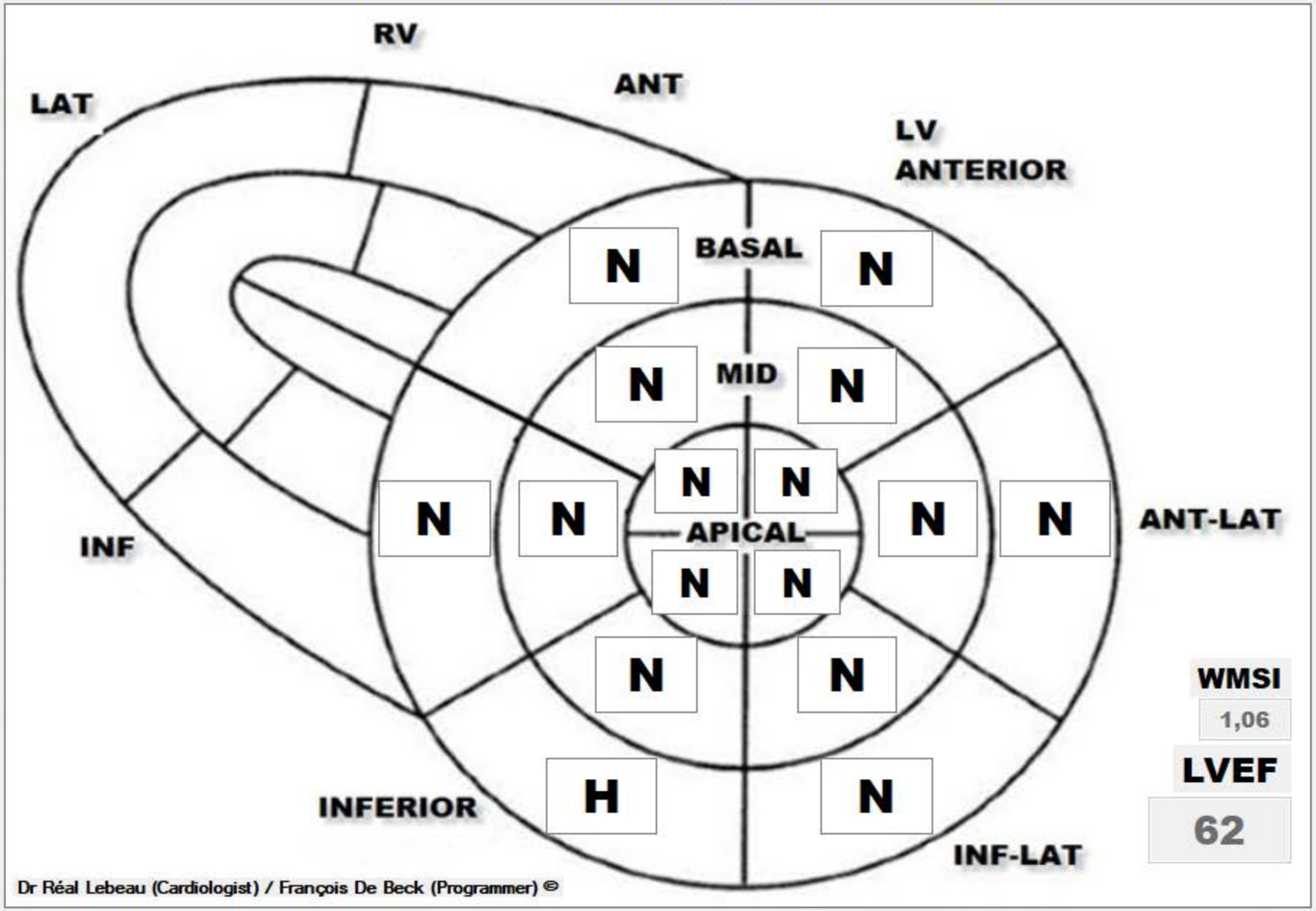
ECG.: Non specific ST change. Possible infero-lateral ischemia.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,06

LVEF
62

Classical Wall Motion

EXAM DATE: 2014-02-03

NAME: LAFM

SURNAME:

BIRTH DATE: 1960-01-1

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	2
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

DX.:

Non specific WMA inferior territory

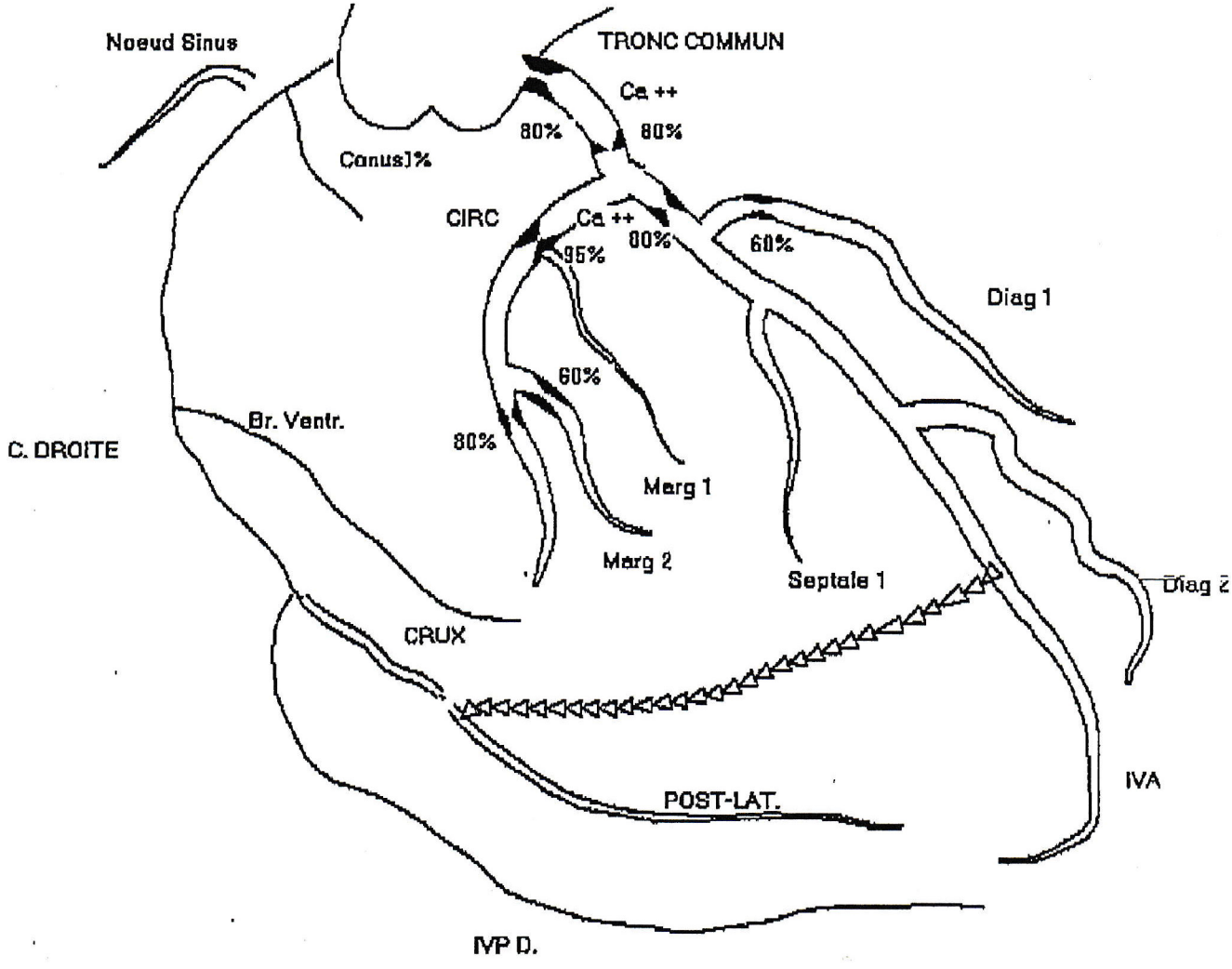
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 18

Coron.:Occlusion of RCA. 3 vessels disease.

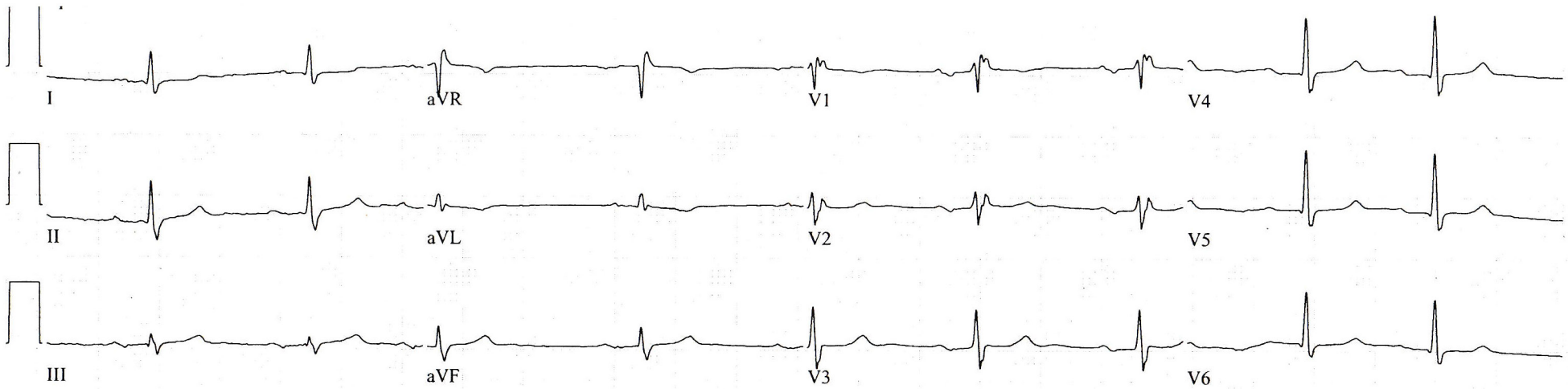
? collateral to explain echo



No 19

M 80y. Myocardial infarction

ECG.: your conclusion...



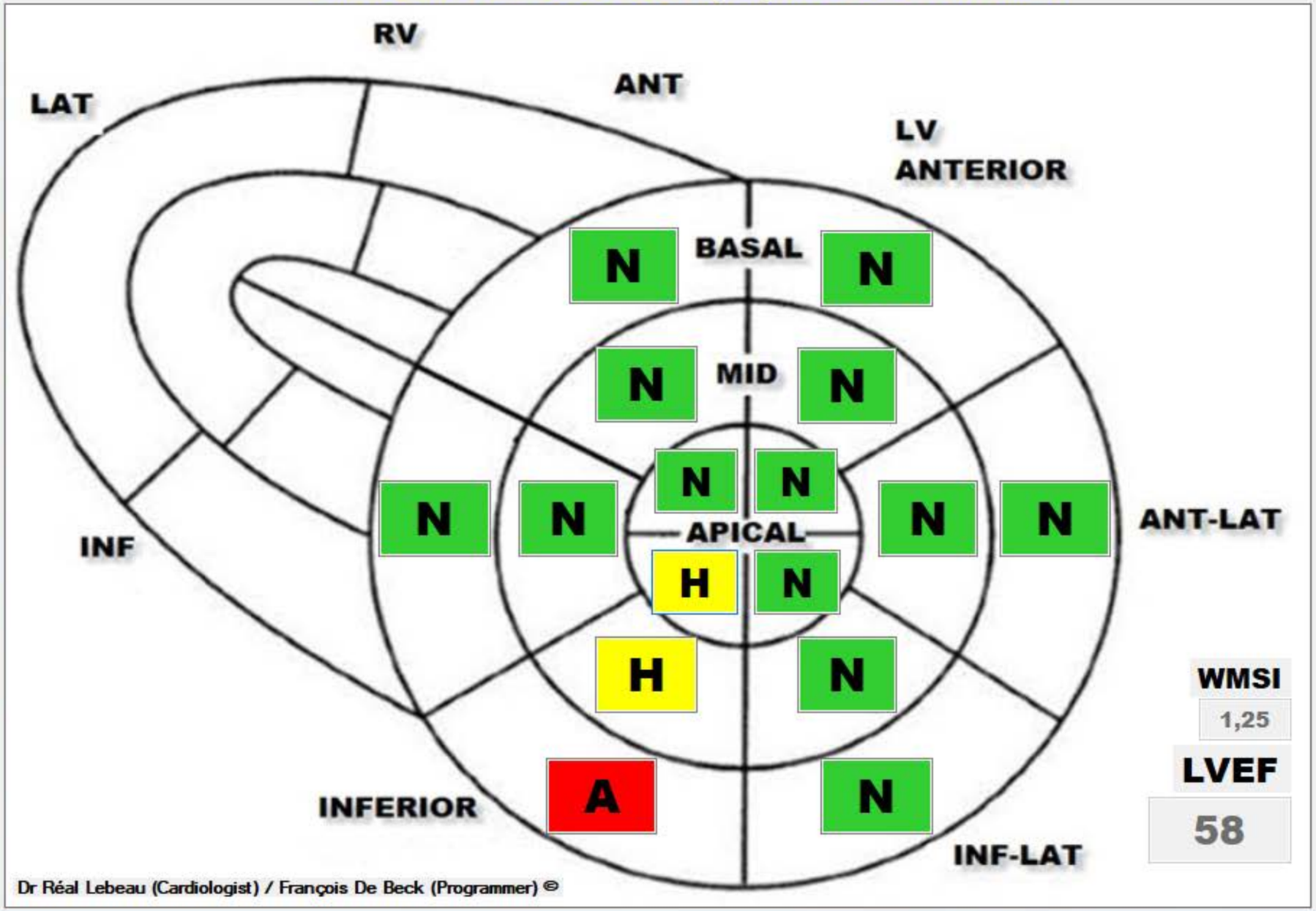
ECG.: Right bundle Branch block. Non specific ST

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-01

NAME:

SURNAME:

BIRTH DATE: 2020-11-01

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	2
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	2
Apical #16	1

WMSI

1,25

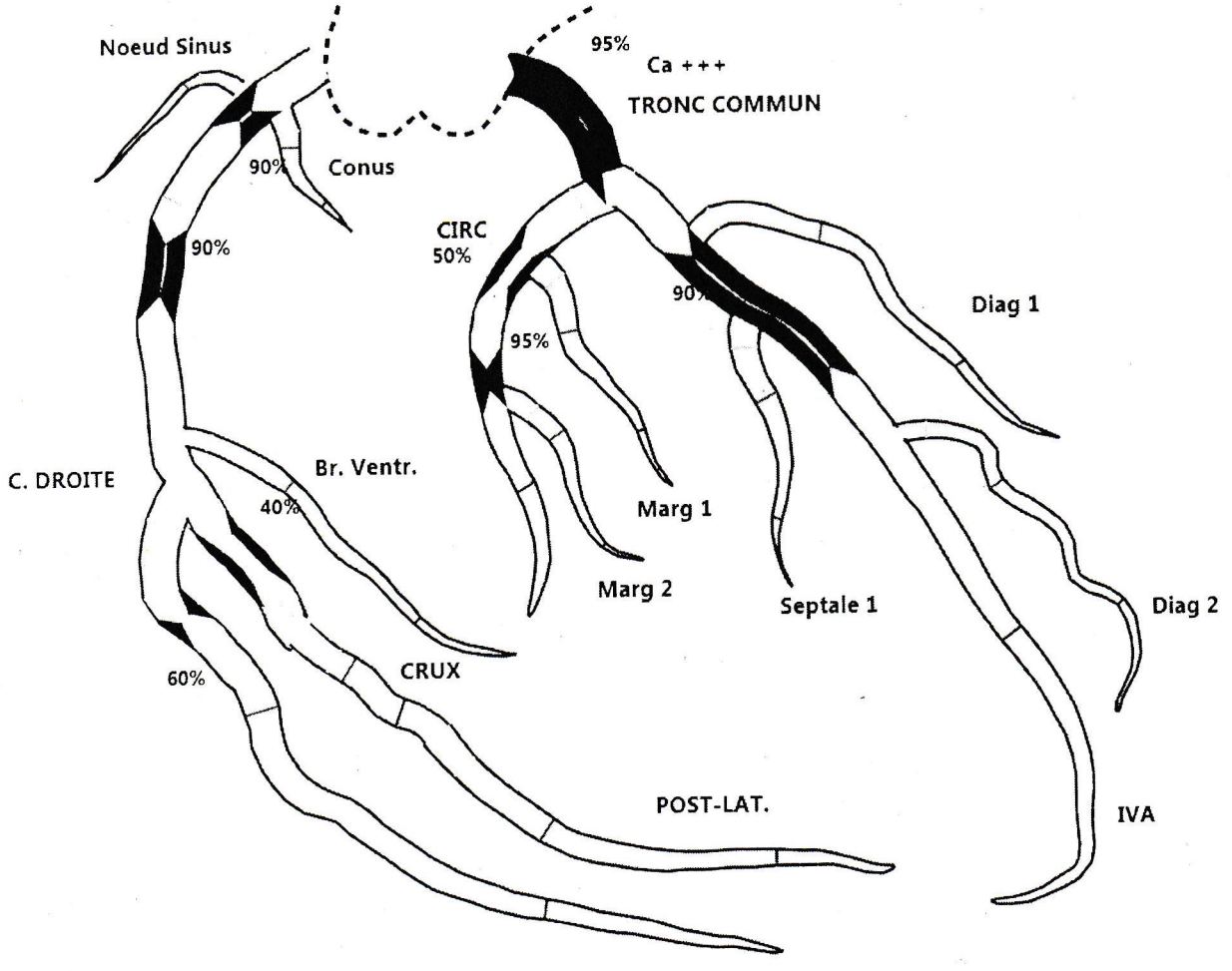
LVEF

58

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 19
Coron.: Severe 3 vessels disease.
Cardiac surgery consultation.



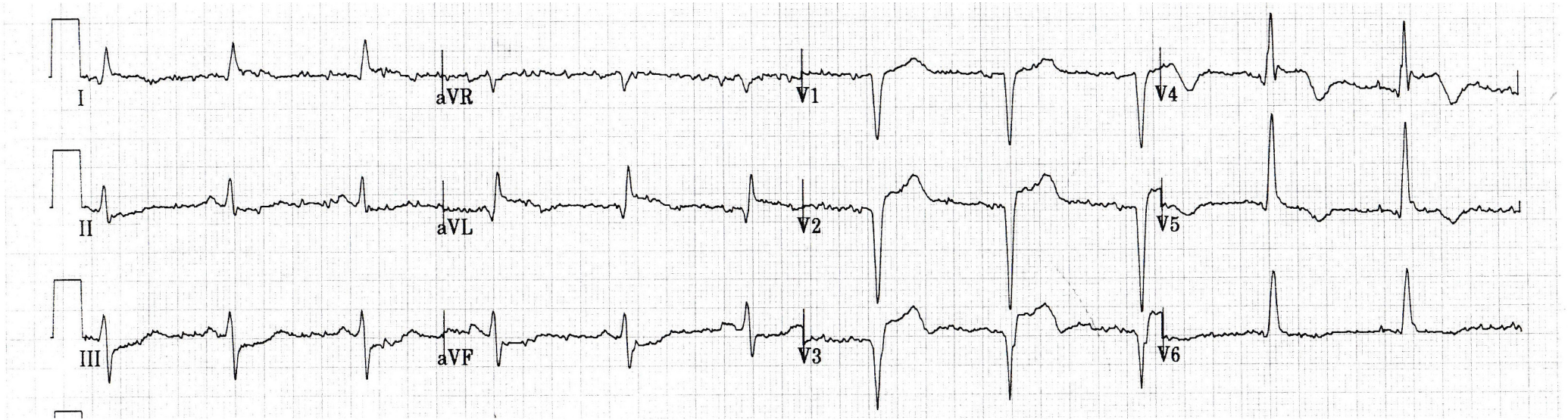
ANTERIOR INFARCTION (LAD)

20	Acute anterior infarction
21	Acute anterior infarction
22	Acute anterior infarction
23	Acute anterior infarction
24	Acute anterior infarction
25	Acute anterior infarction (MID)
26	Acute anterior infarction (MID)
27	Acute anterior infarction (Collateral)
28	Acute anterior infarction (Collateral)
29	Anterior ischemia
30	Anterior ischemia
31	Stress CMP (Tako)
32	Stress CMP (Tako)
33	Stress CMP (Tako)
34	ECG normal
35	ECG normal
36	ECG normal

No 20

M 57y Stemi

ECG.: your opinion...



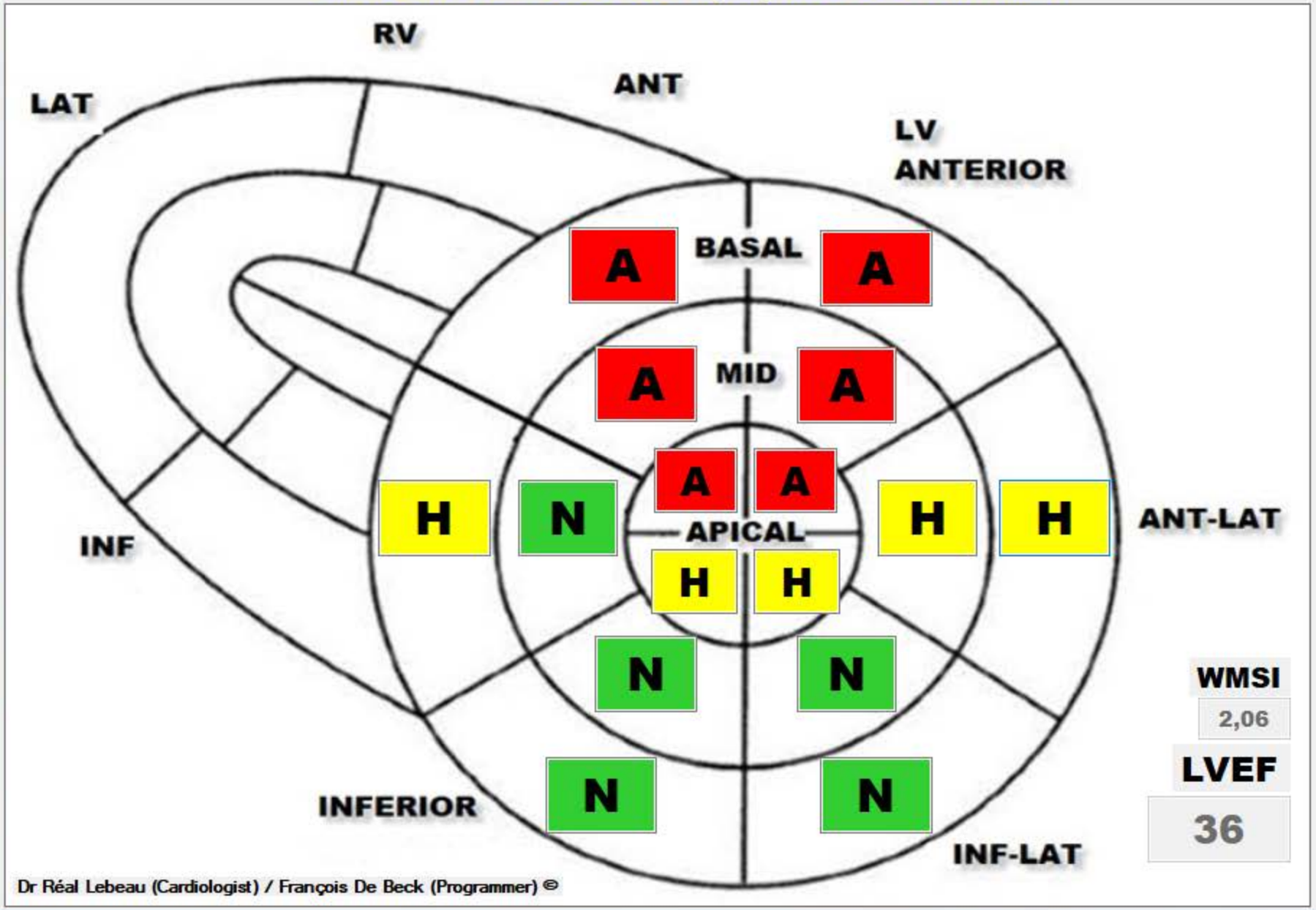
ECG.: Acute anterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-02

NAME:

SURNAME:

BIRTH DATE: 2020-11-02

Left Ventricle

Basal #1	3
Basal #2	2
Basal #3	1
Basal #4	1
Basal #5	2
Basal #6	3
Mid #7	3
Mid #8	2
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	3
Apical #13	3
Apical #14	2
Apical #15	2
Apical #16	3

WMSI

2,06

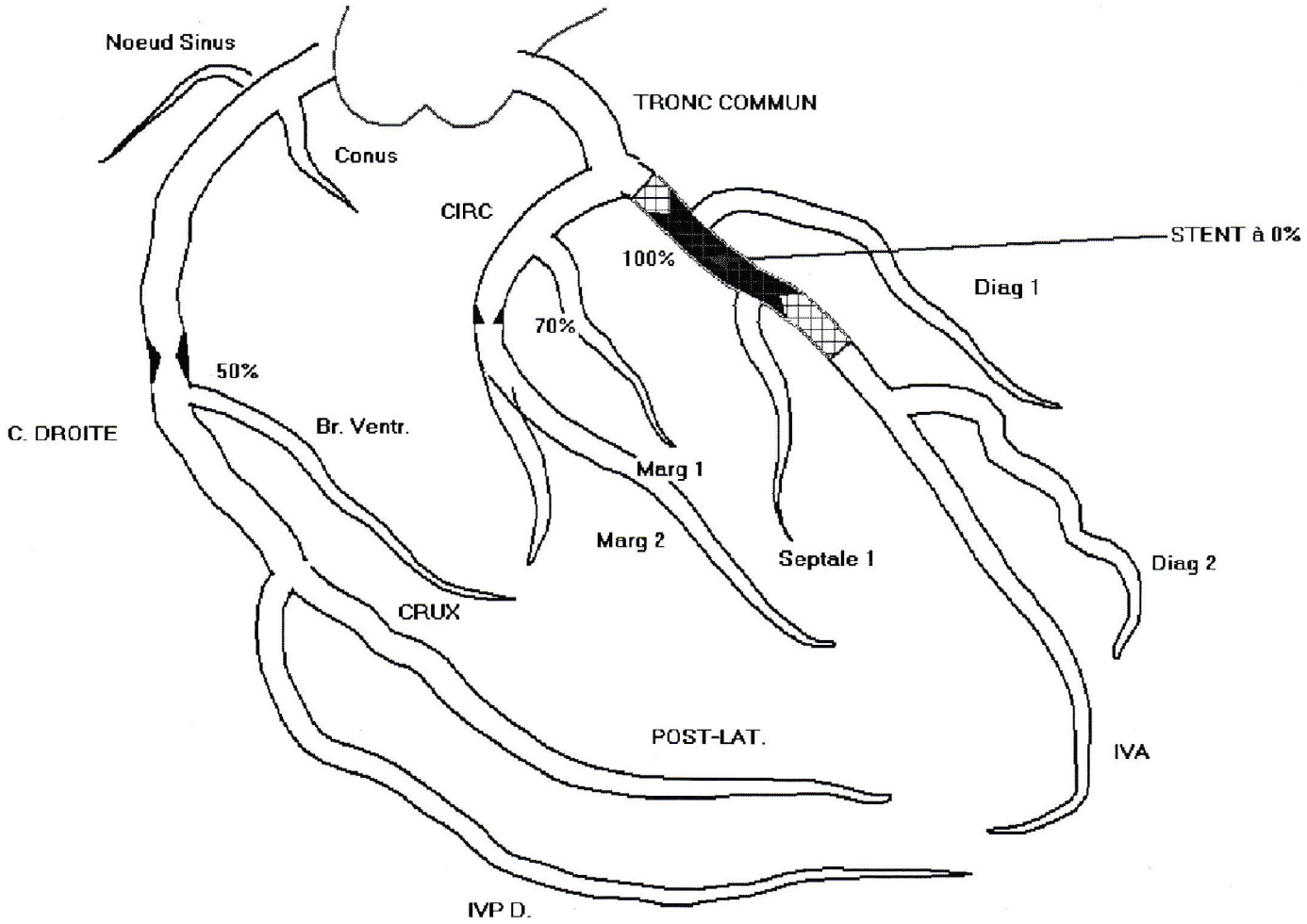
LVEF

36

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

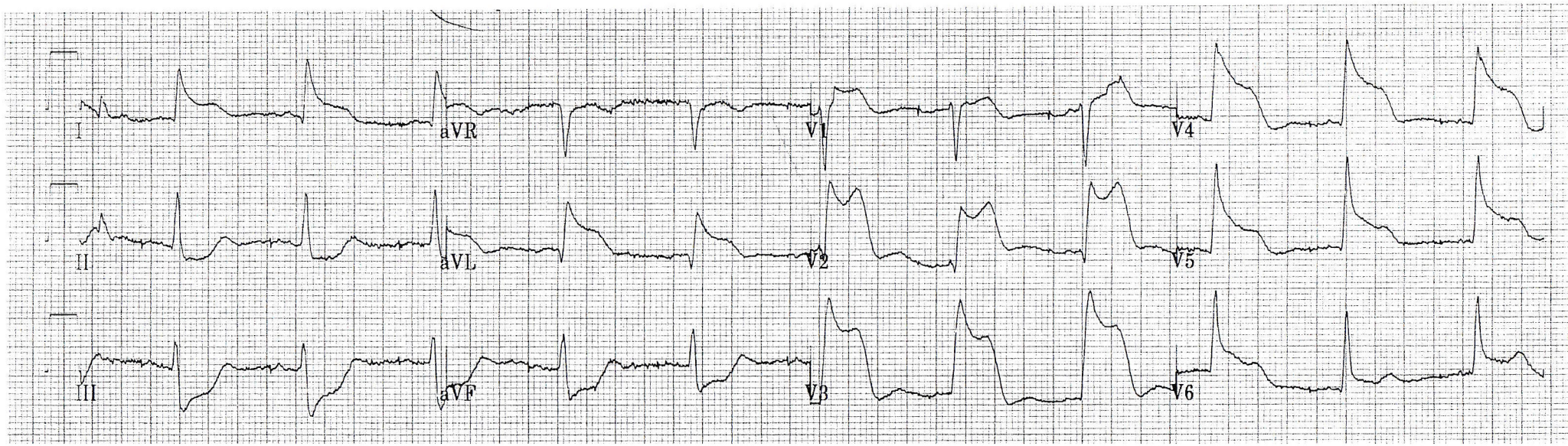
No 20
Coron.: LAD occlusion stented.



No 21

M 68y. STEMI

ECG.: your conclusion...



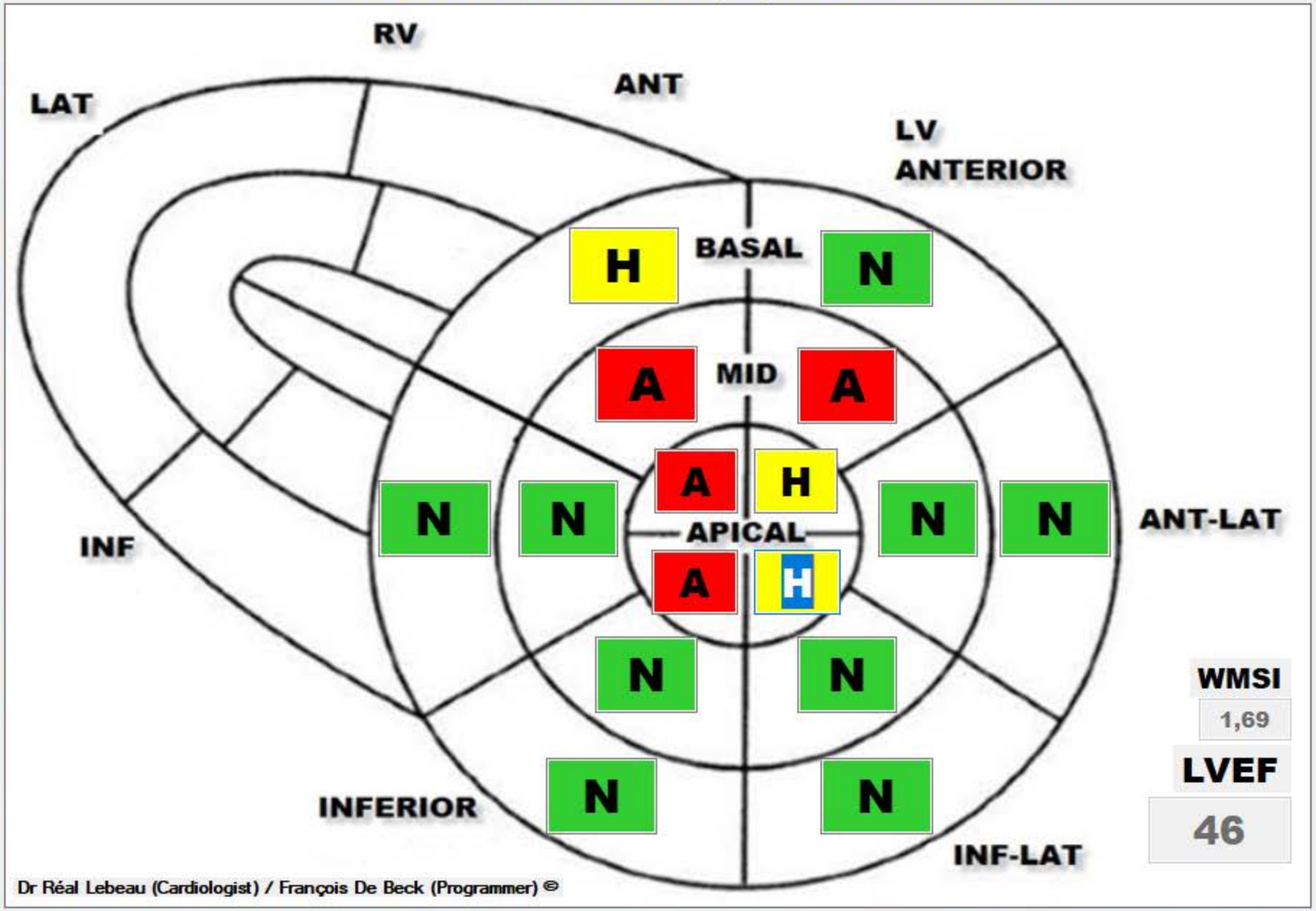
ECG.: Acute extensive anterior infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-02

NAME:

SURNAME:

BIRTH DATE: 2020-11-02

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	2
Mid #7	3
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	3
Apical #13	2
Apical #14	2
Apical #15	3
Apical #16	3

WMSI

1,69

LVEF

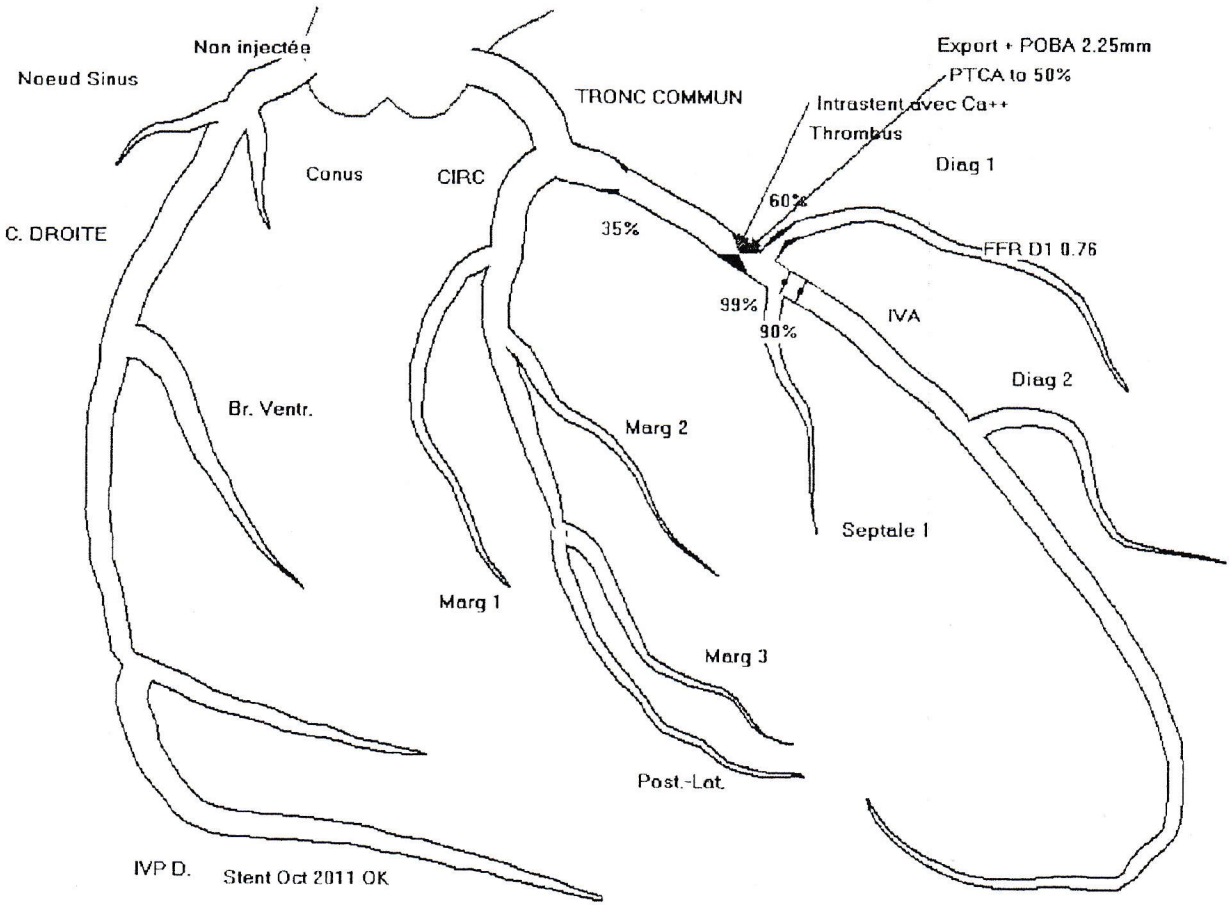
46

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 21

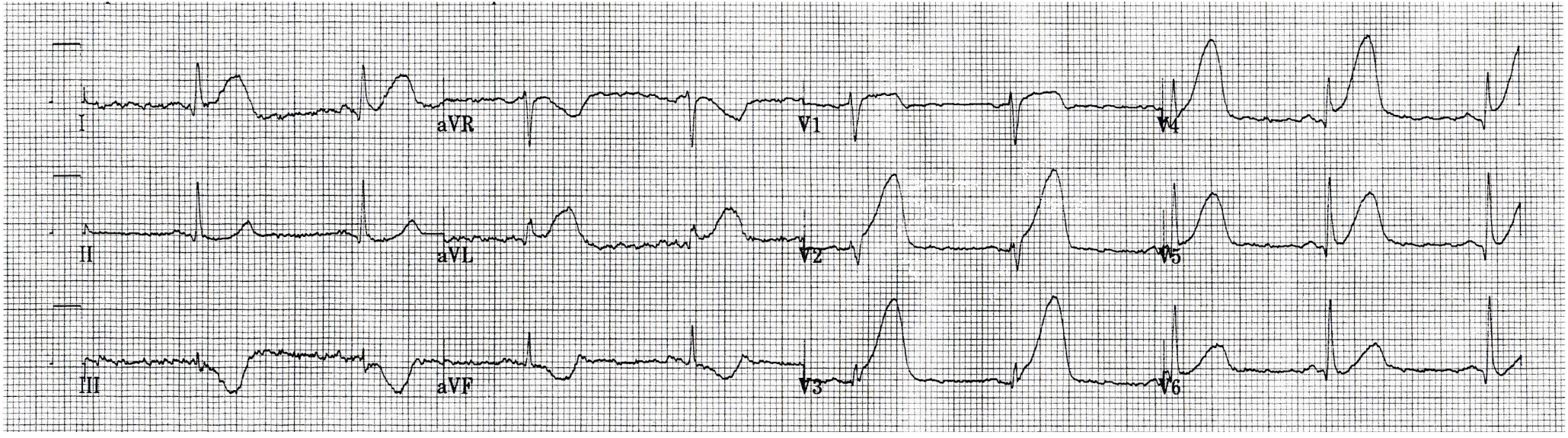
Coron.: Severe LAD stenosis stented



No 22.

M 66Y. Myocardial infarction

ECG.: your conclusion.



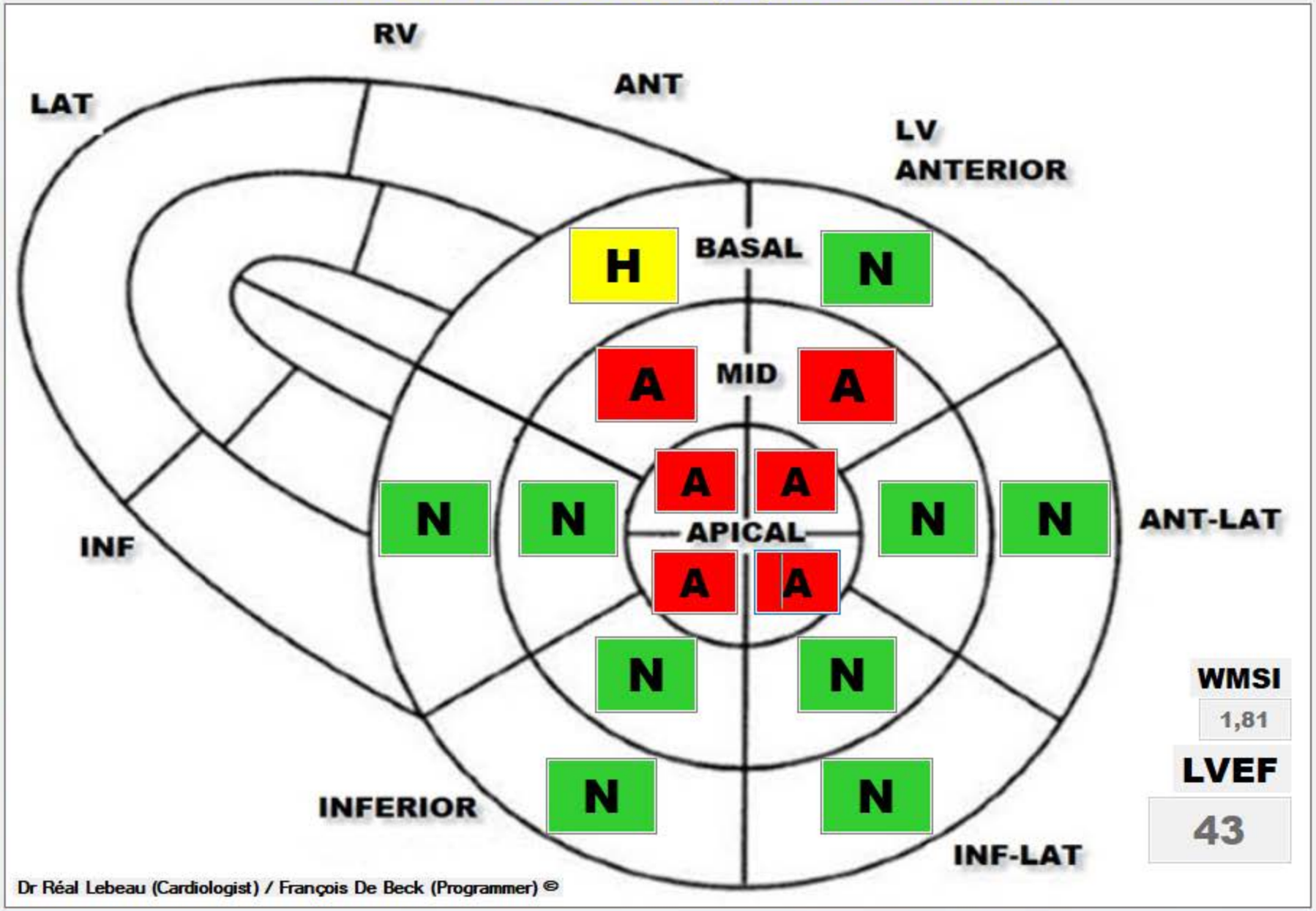
ECG.: Acute anteroseptal infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-02

NAME:

SURNAME:

BIRTH DATE: 2020-11-02

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	2
Mid #7	3
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	3
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	3

WMSI

1,81

LVEF

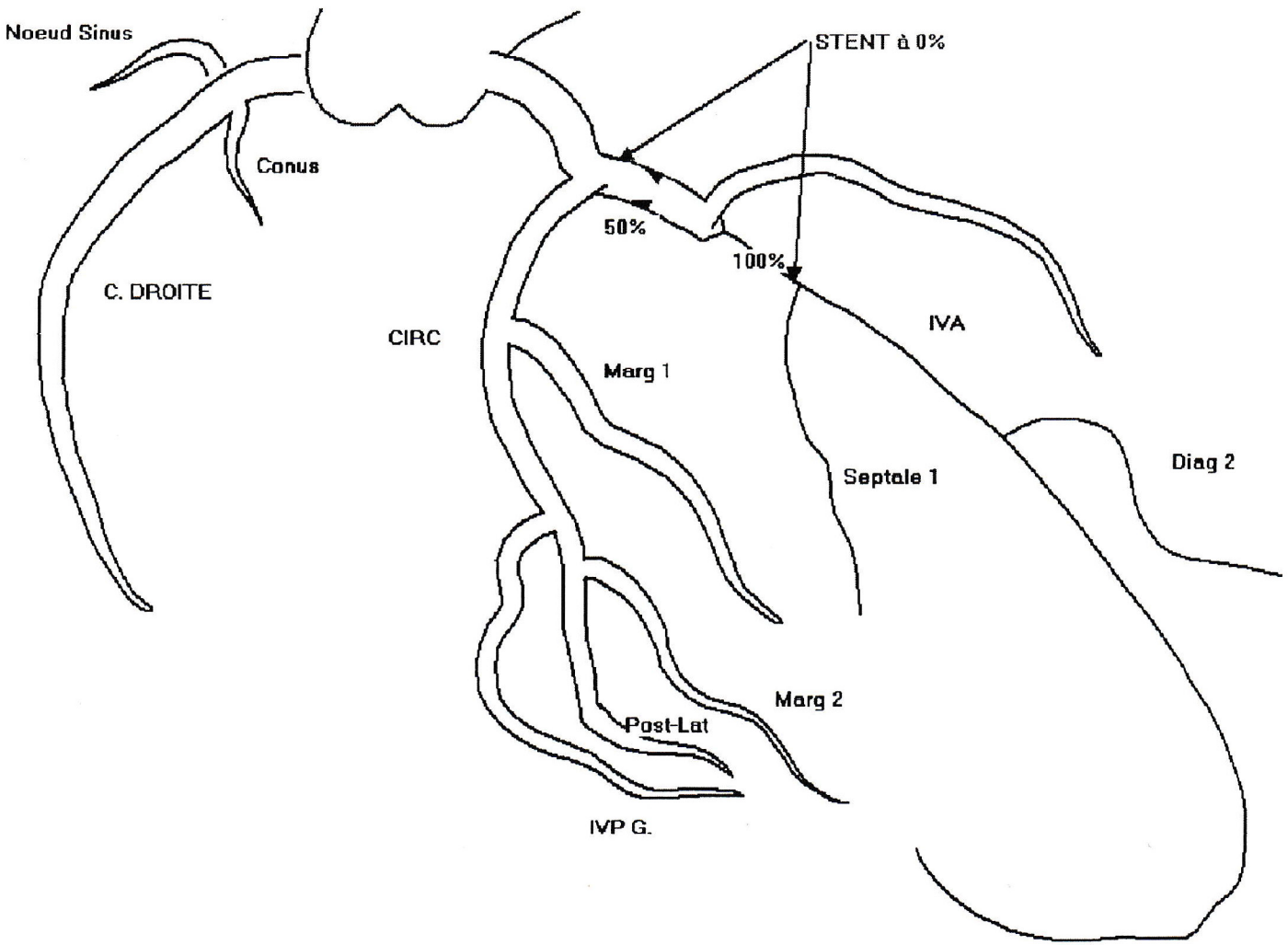
43

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 22

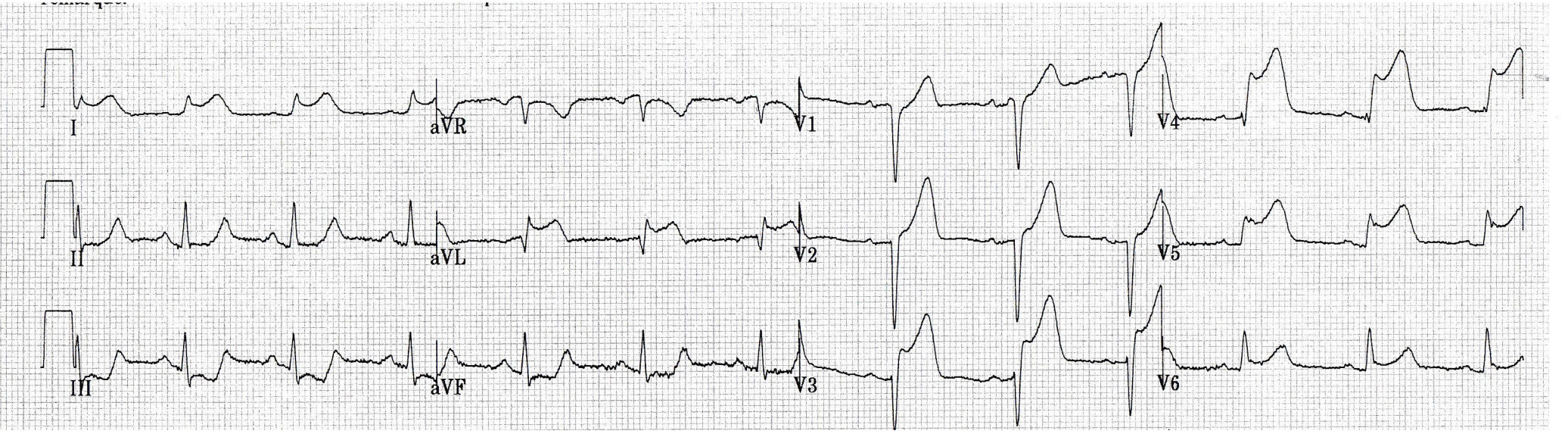
Coron.: Acute LAD occlusion stented.



No 23

M 57y . Myocardial infarction.

ECG.: your conclusion...



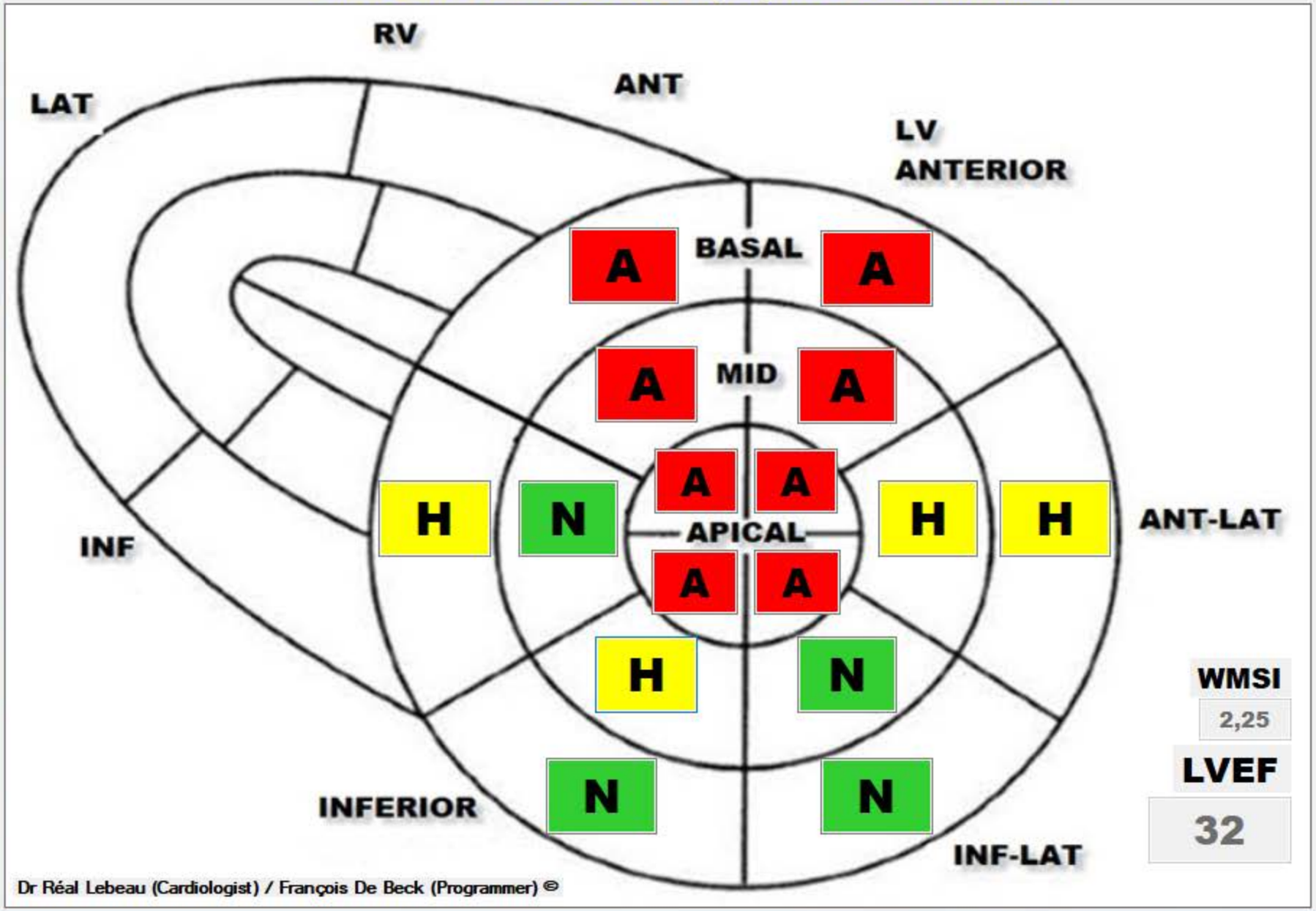
ECG.: Acute anterior infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
2,25

LVEF
32

Classical Wall Motion

EXAM DATE: 2020-11-02

NAME:

SURNAME:

BIRTH DATE: 2020-11-02

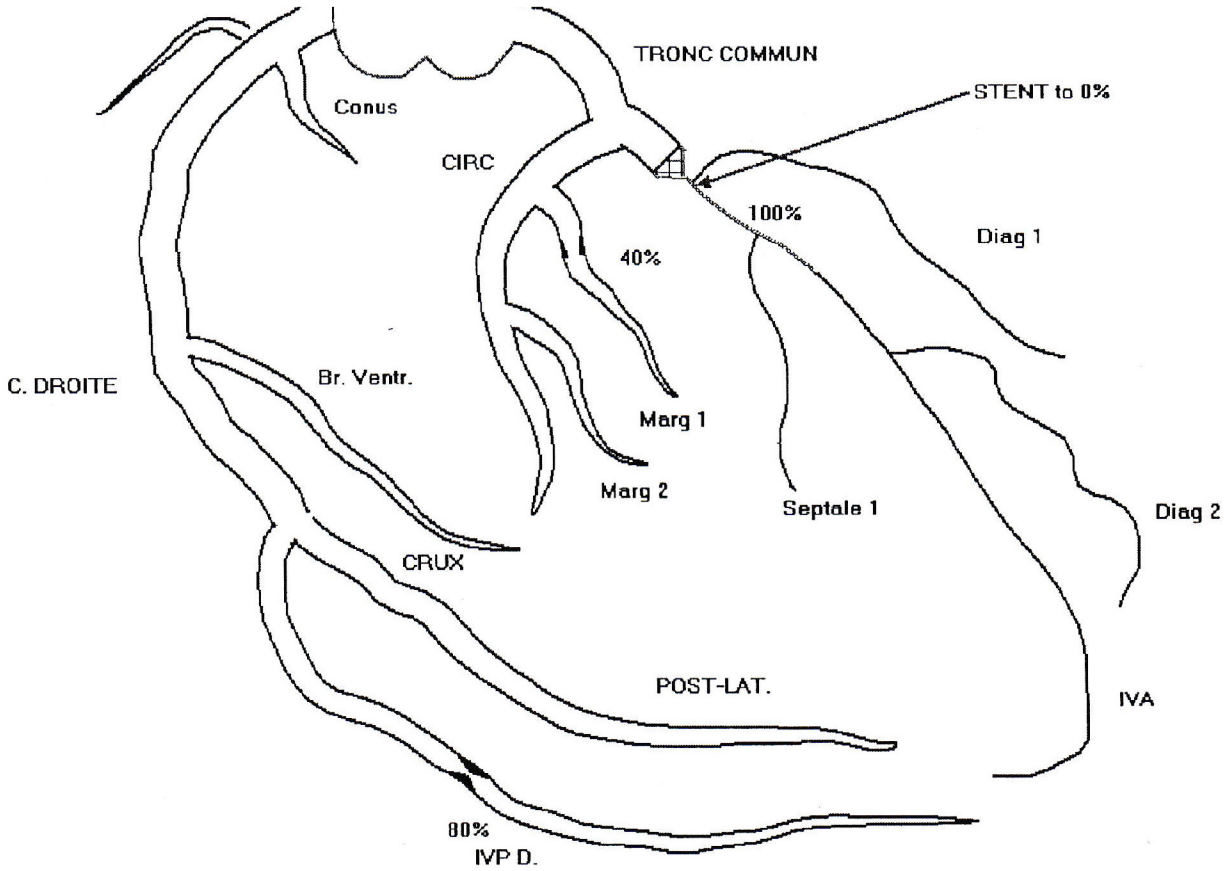
Left Ventricle

Basal #1	3
Basal #2	2
Basal #3	1
Basal #4	1
Basal #5	2
Basal #6	3
Mid #7	3
Mid #8	2
Mid #9	1
Mid #10	2
Mid #11	1
Mid #12	3
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	3

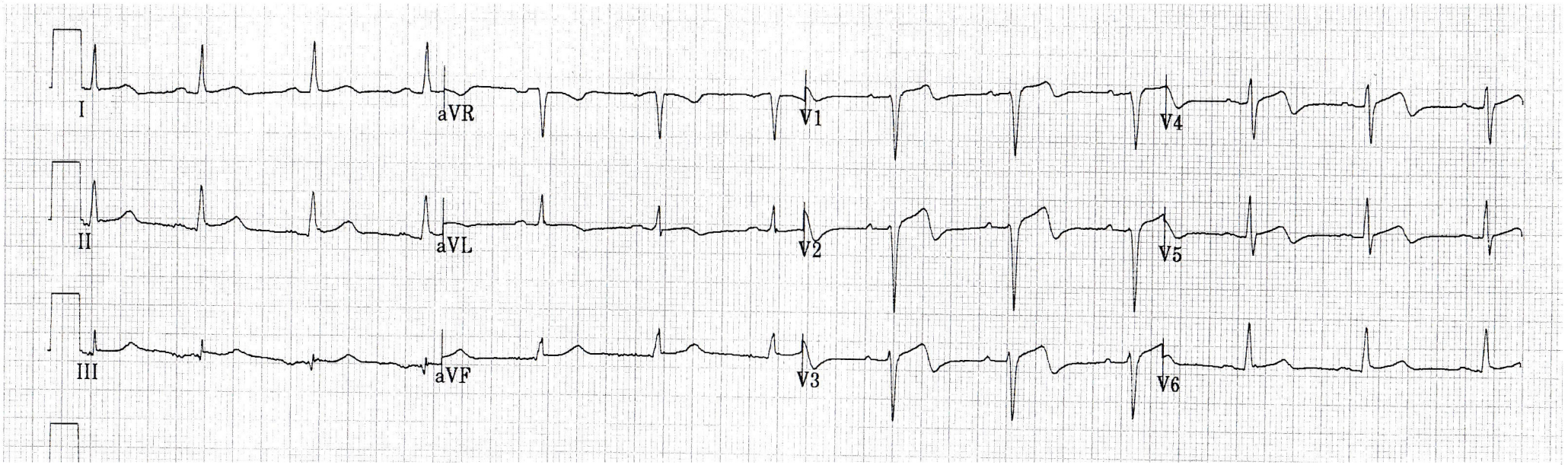
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 23

Coron.: Acute LAD occlusion stented.



No 24
M 65y. Myocardial infarction
ECG.: your conclusion...



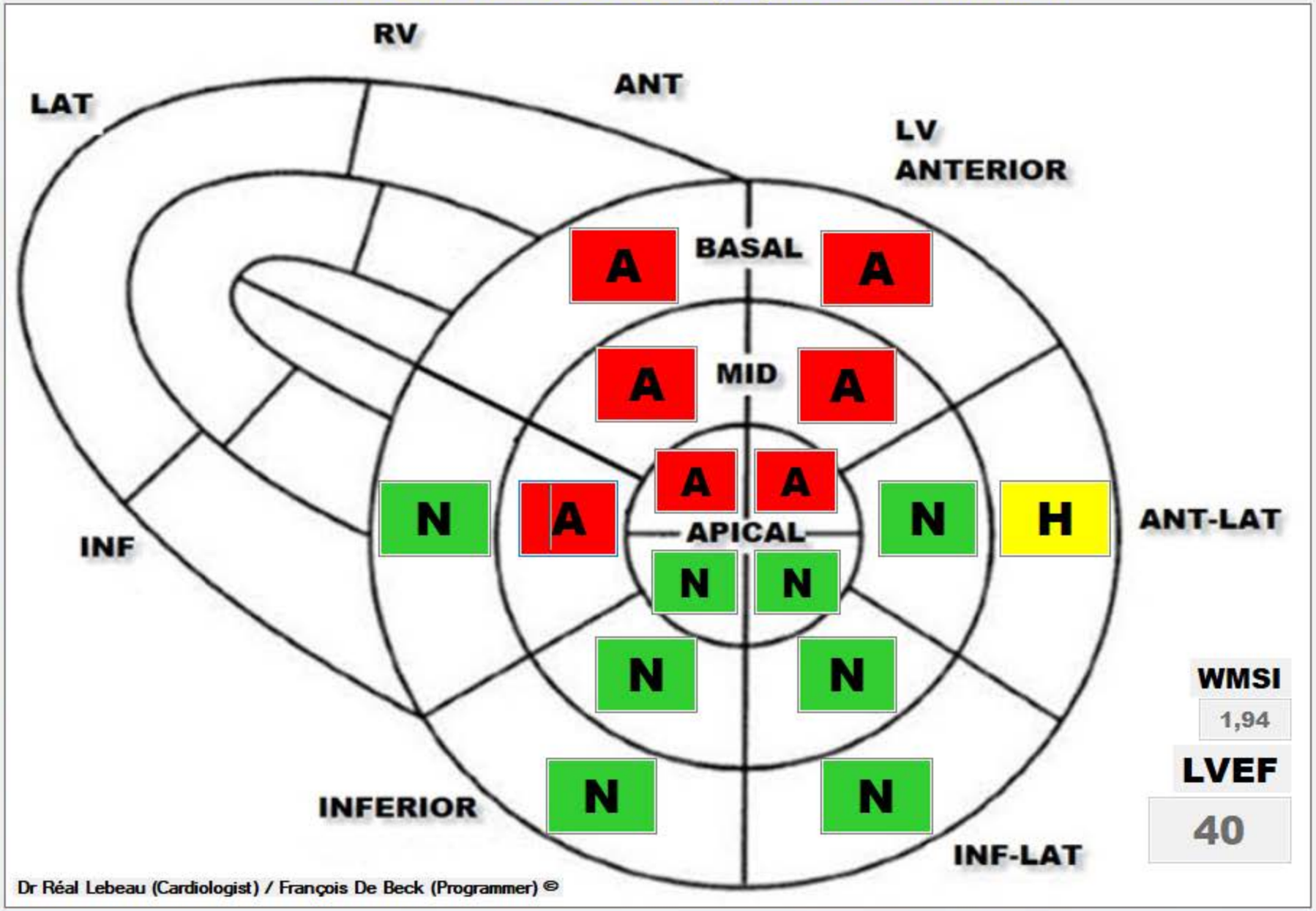
ECG.: Acute antero-septal infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-02

NAME:

SURNAME:

BIRTH DATE: 2020-11-02

Left Ventricle

Basal #1	3
Basal #2	2
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	3
Mid #7	3
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	3
Mid #12	3
Apical #13	3
Apical #14	1
Apical #15	1
Apical #16	3

WMSI

1,94

LVEF

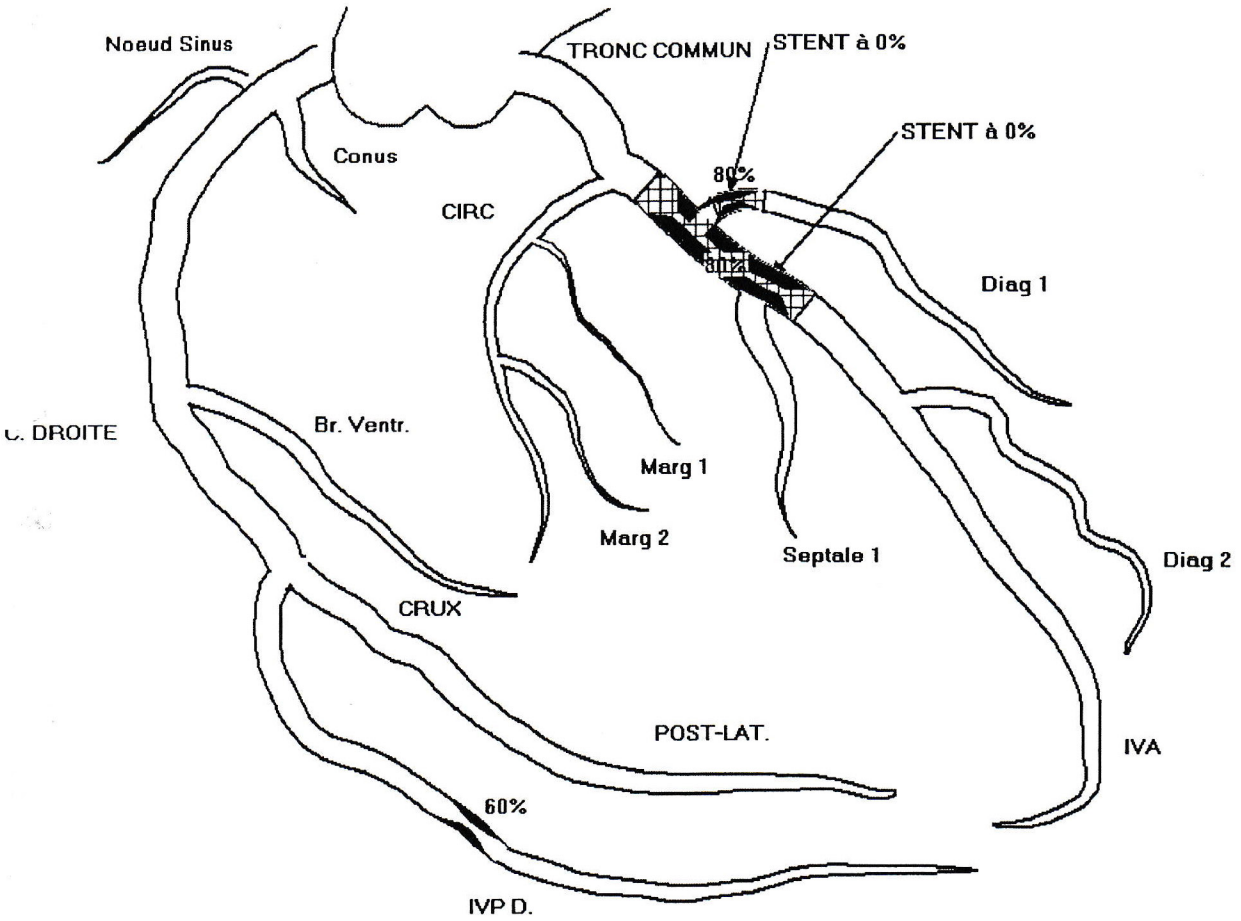
40

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 24

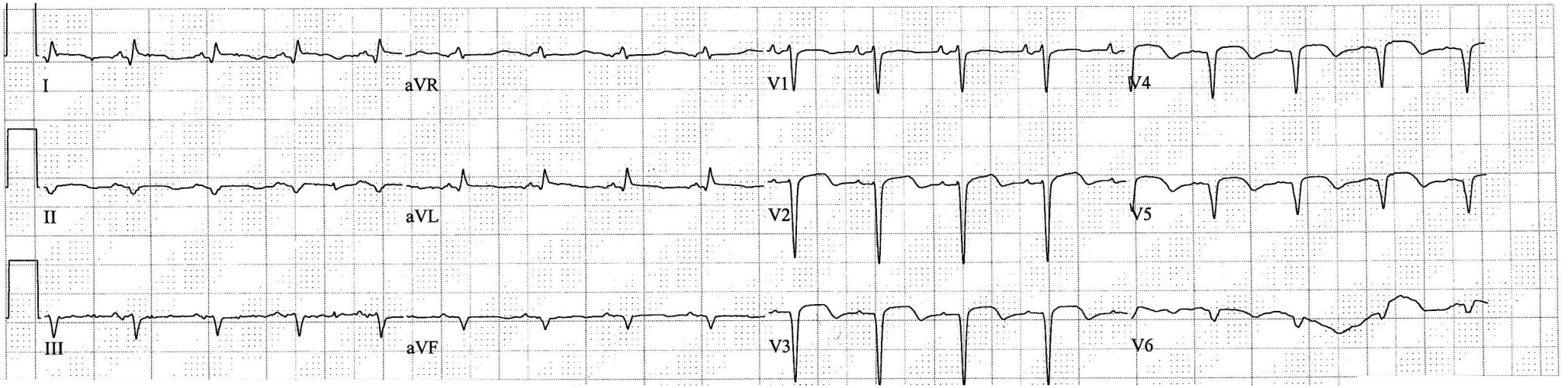
Coron .: Acute LAD occlusion stented.



No 25

F 89y. Myocardial infarction.

ECG.: your conclusion...



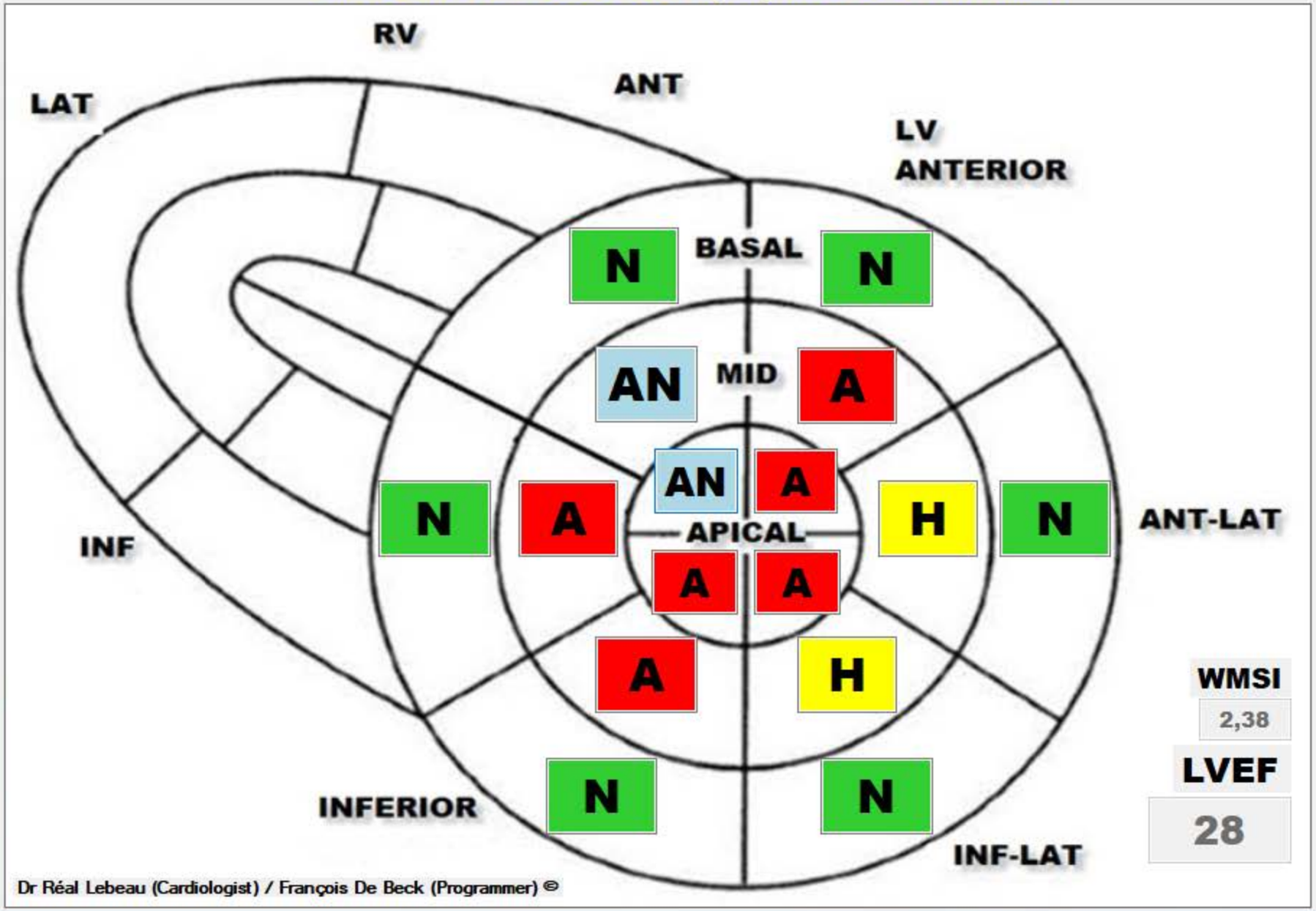
ECG.: Acute anterolateral infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	3
Mid #8	2
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	5
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	5

WMSI

2,38

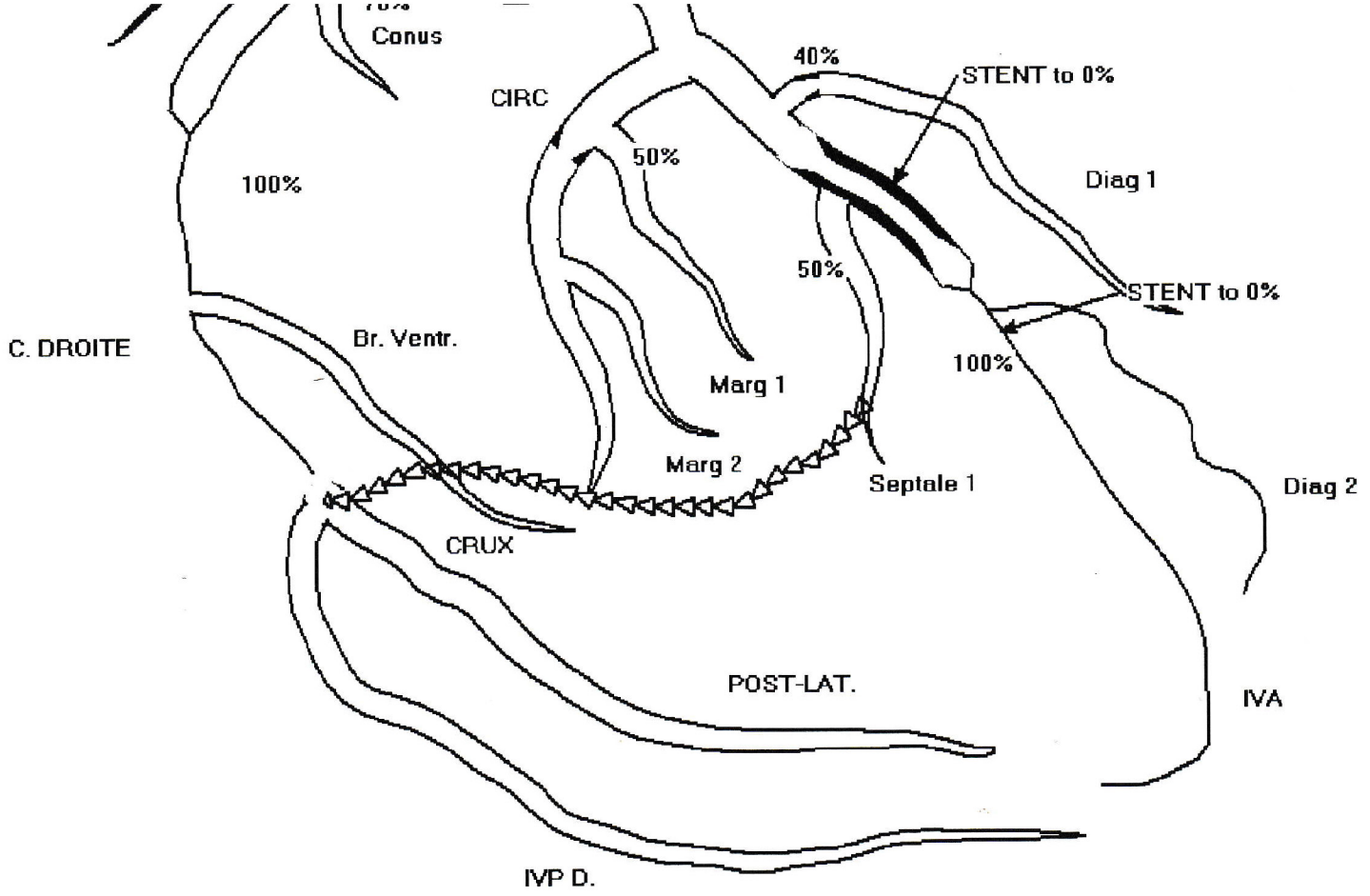
LVEF

28

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

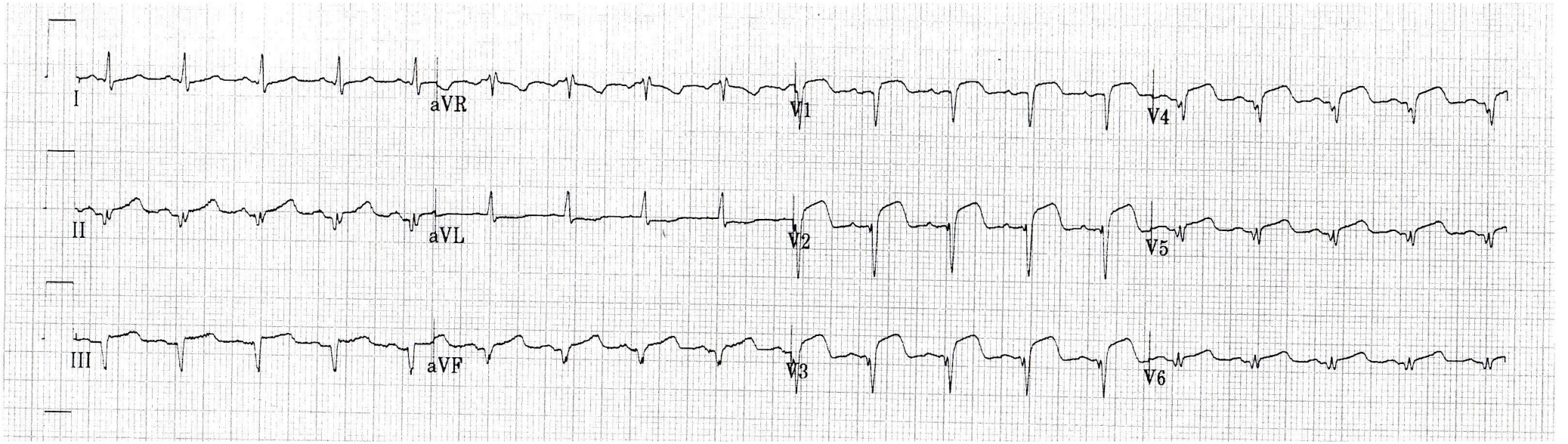
No 25
Coron.: Occlusion of LAD mid portion



No 26

F 52y . STEMI

ECG.: your conclusion...



ECG.: Acute anterior and inferior infarction.

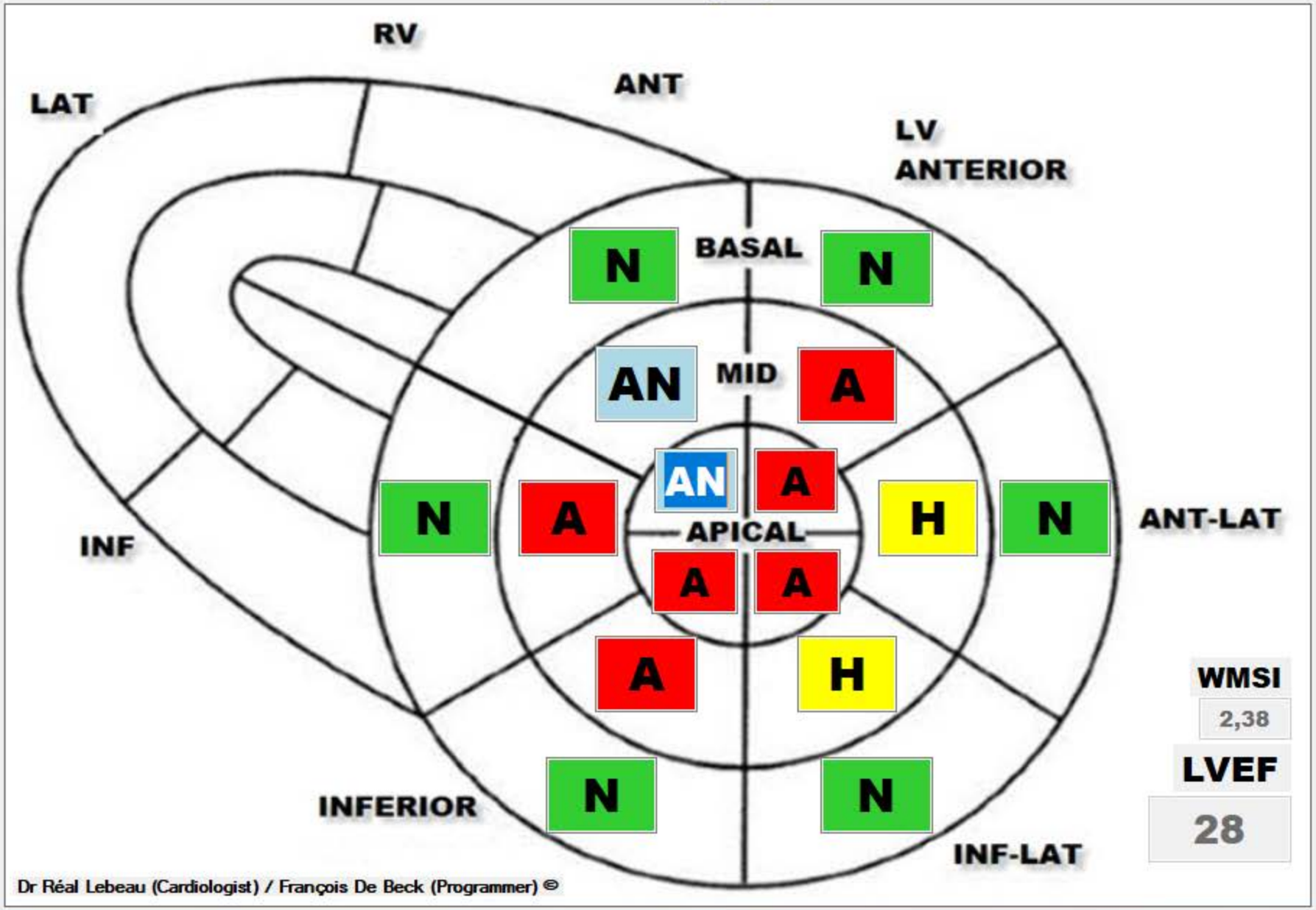
EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

Fermer

Legend

EJECTION FRACTION (EF) MEASUREMENT



WMSI

2,38

LVEF

28

Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

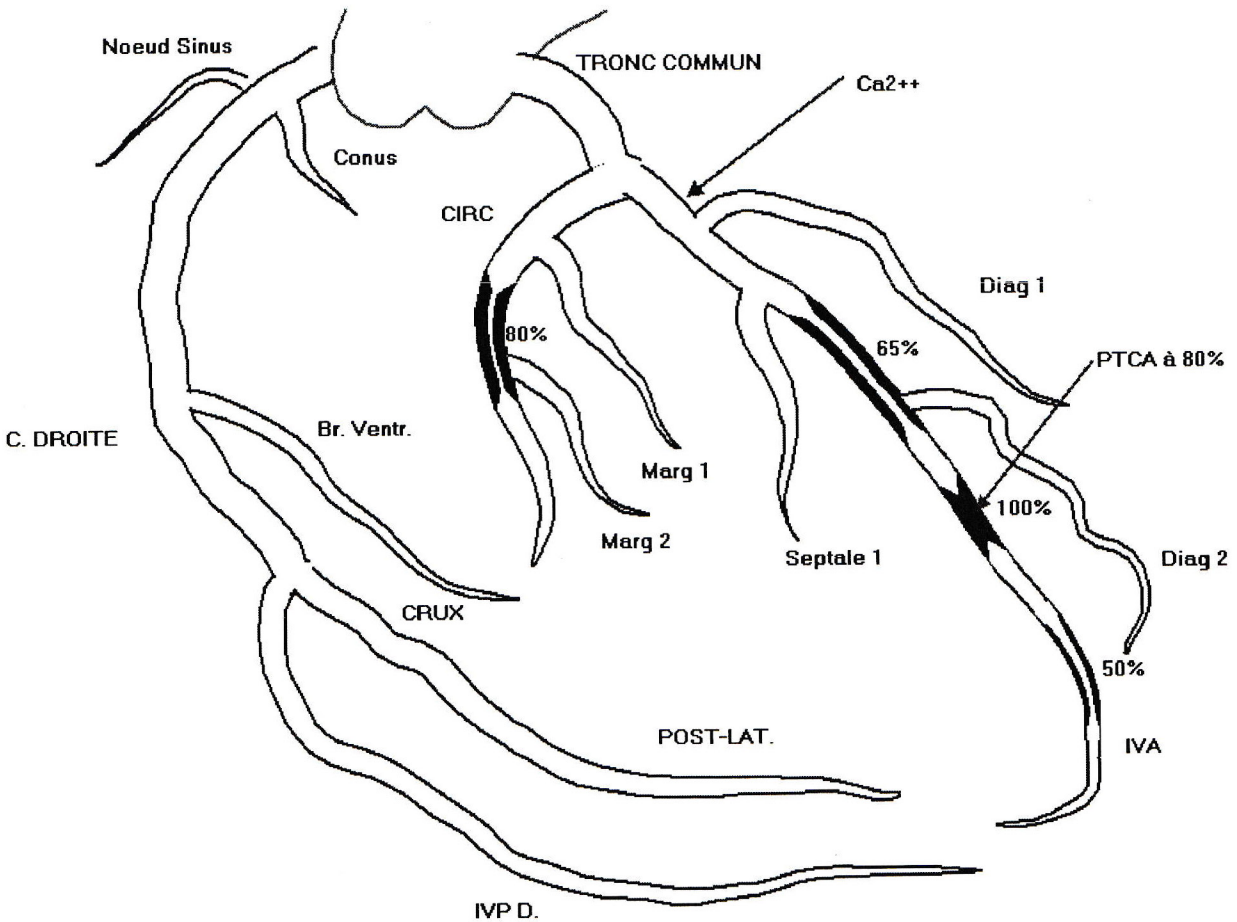
Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	3
Mid #8	2
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	5
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	5

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 26

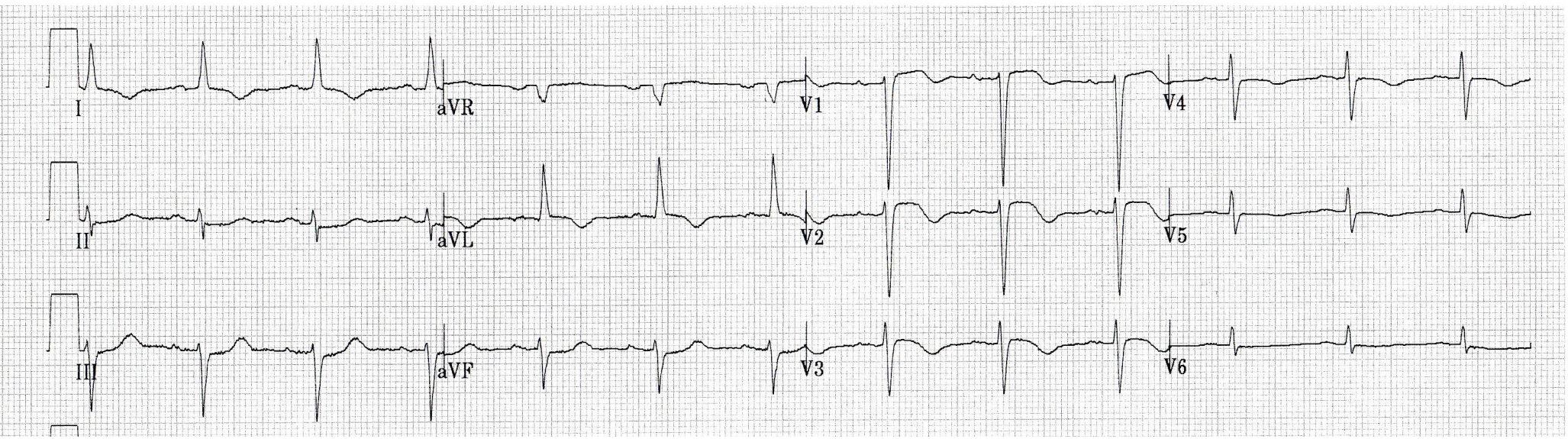
Coron.: Occlusion of the distal LAD.



No 27

F 78y. NSTEMI.

ECG.: your conclusion...



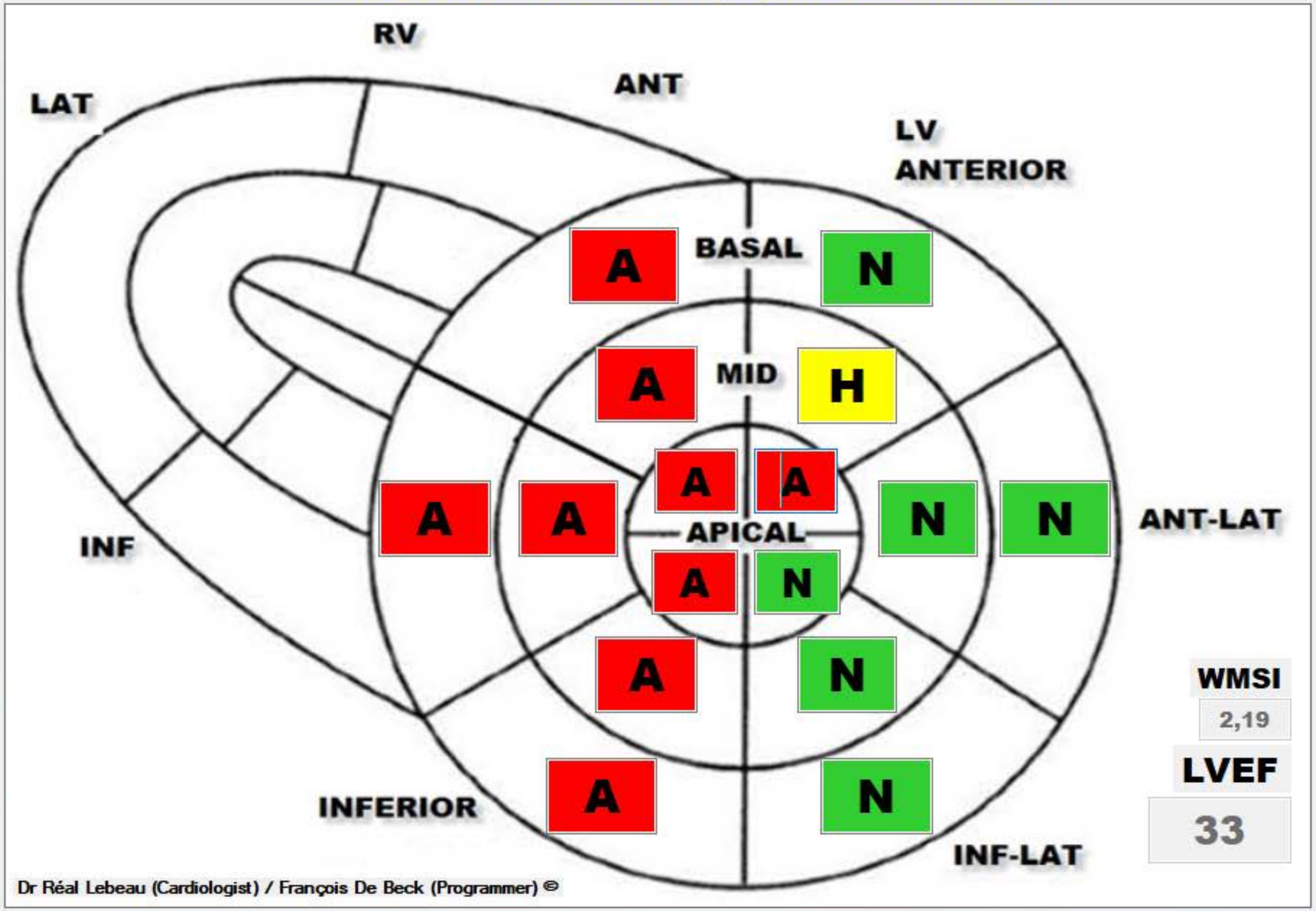
ECG.: Anterior injury and lateral ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	3
Basal #6	3
Mid #7	2
Mid #8	1
Mid #9	1
Mid #10	3
Mid #11	3
Mid #12	3
Apical #13	3
Apical #14	1
Apical #15	3
Apical #16	3

WMSI

2,19

LVEF

33

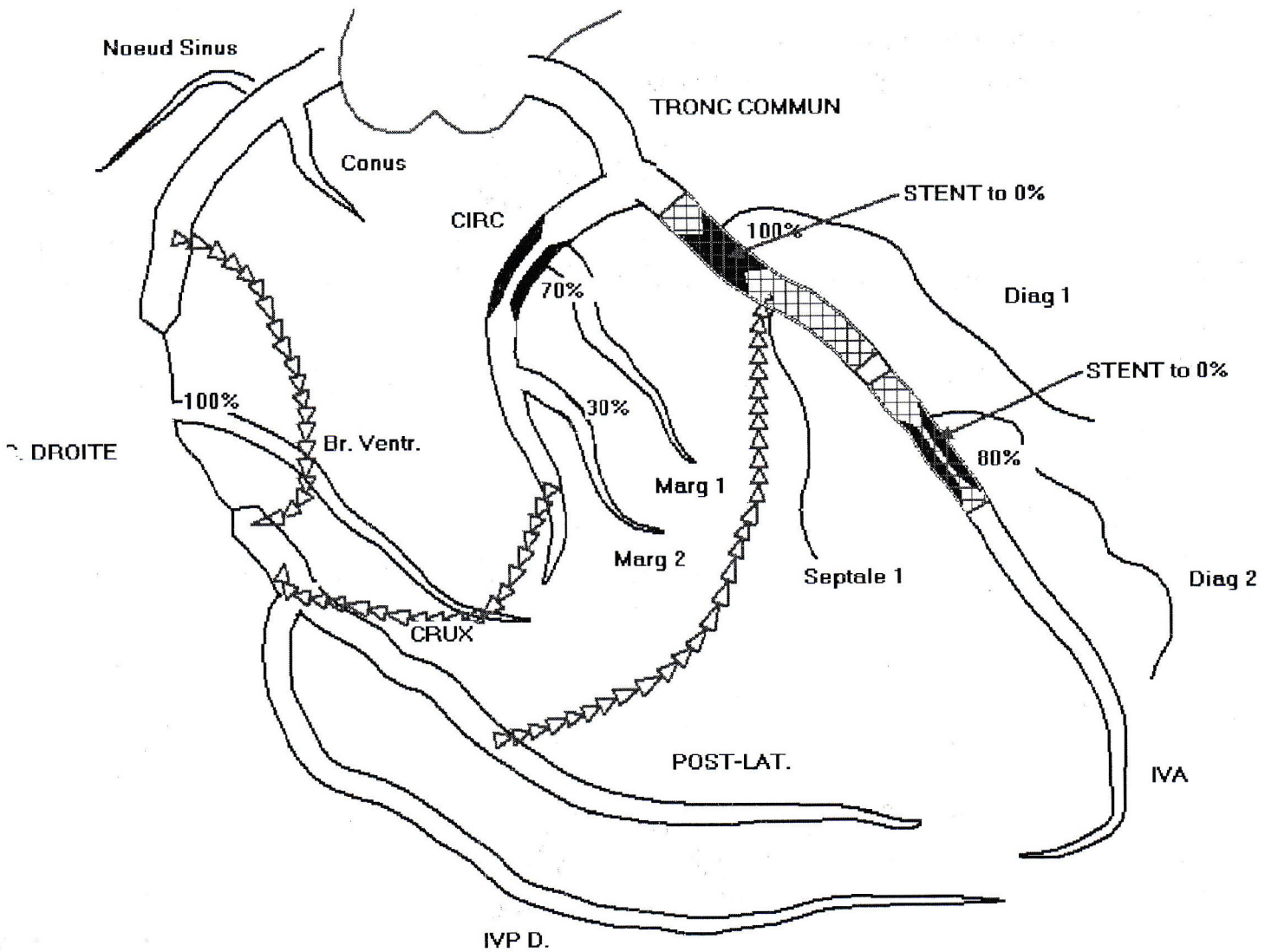
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

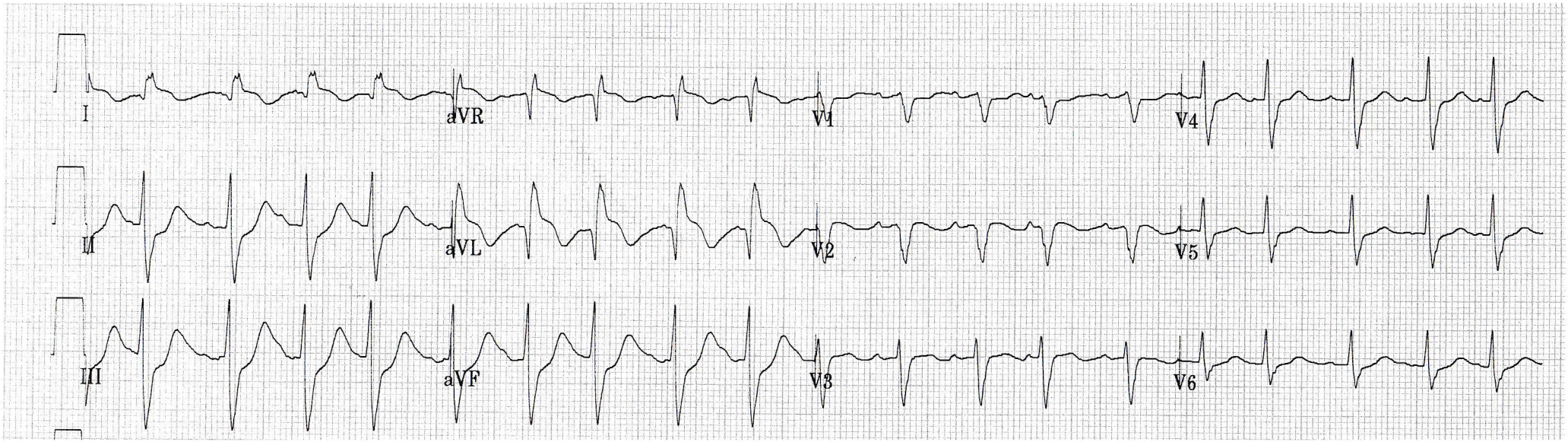
No 27

Coron.: Acute occlusion of LAD.

Probable old occlusion of RCA (collateral)



No 28
F 82y. NSTEMI
ECG.: your conclusion...



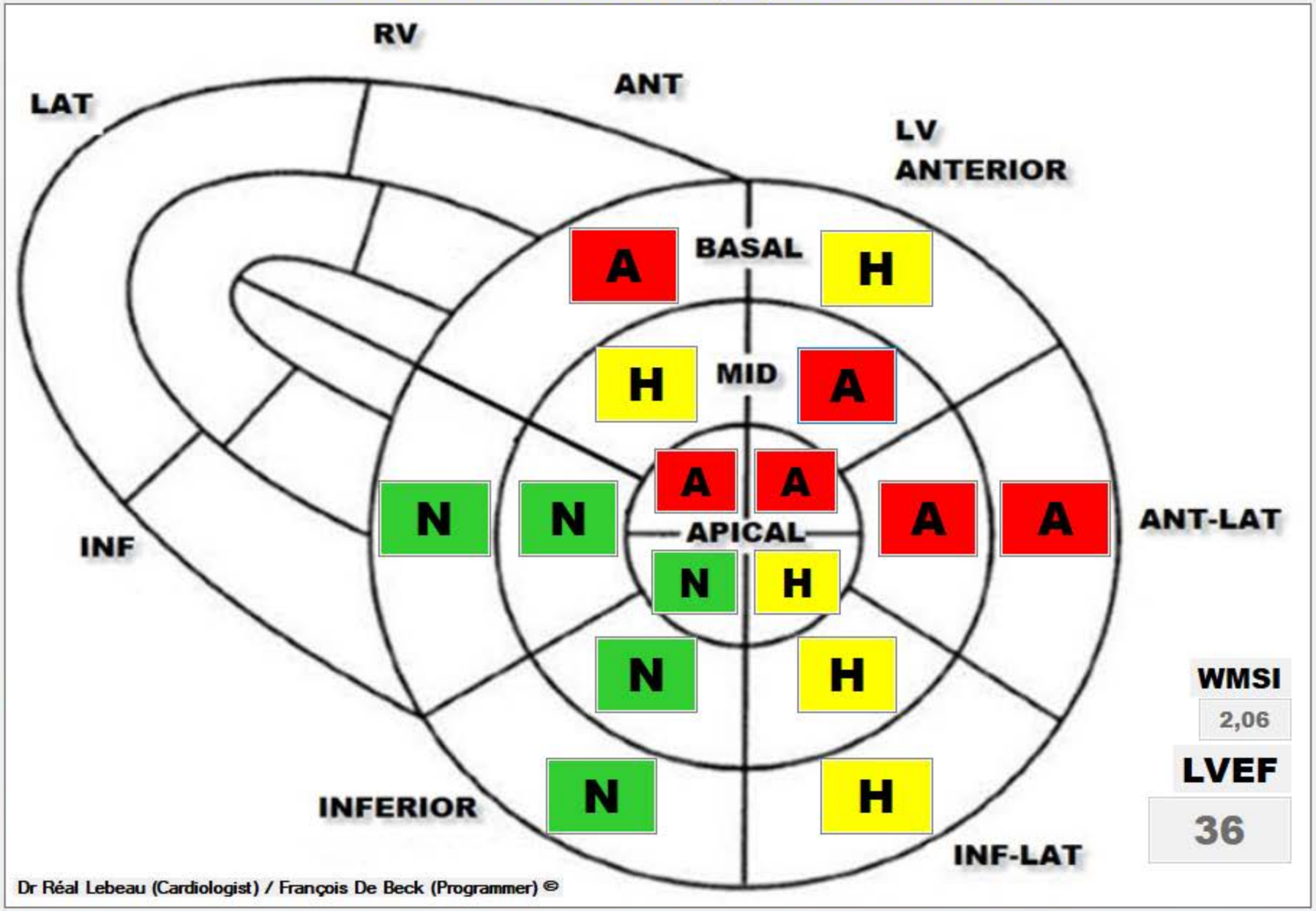
ECG.: Lateral injury and possible old anteroseptal infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

Basal #1	2
Basal #2	3
Basal #3	2
Basal #4	1
Basal #5	1
Basal #6	3
Mid #7	3
Mid #8	3
Mid #9	2
Mid #10	1
Mid #11	1
Mid #12	2
Apical #13	3
Apical #14	2
Apical #15	1
Apical #16	3

WMSI

2,06

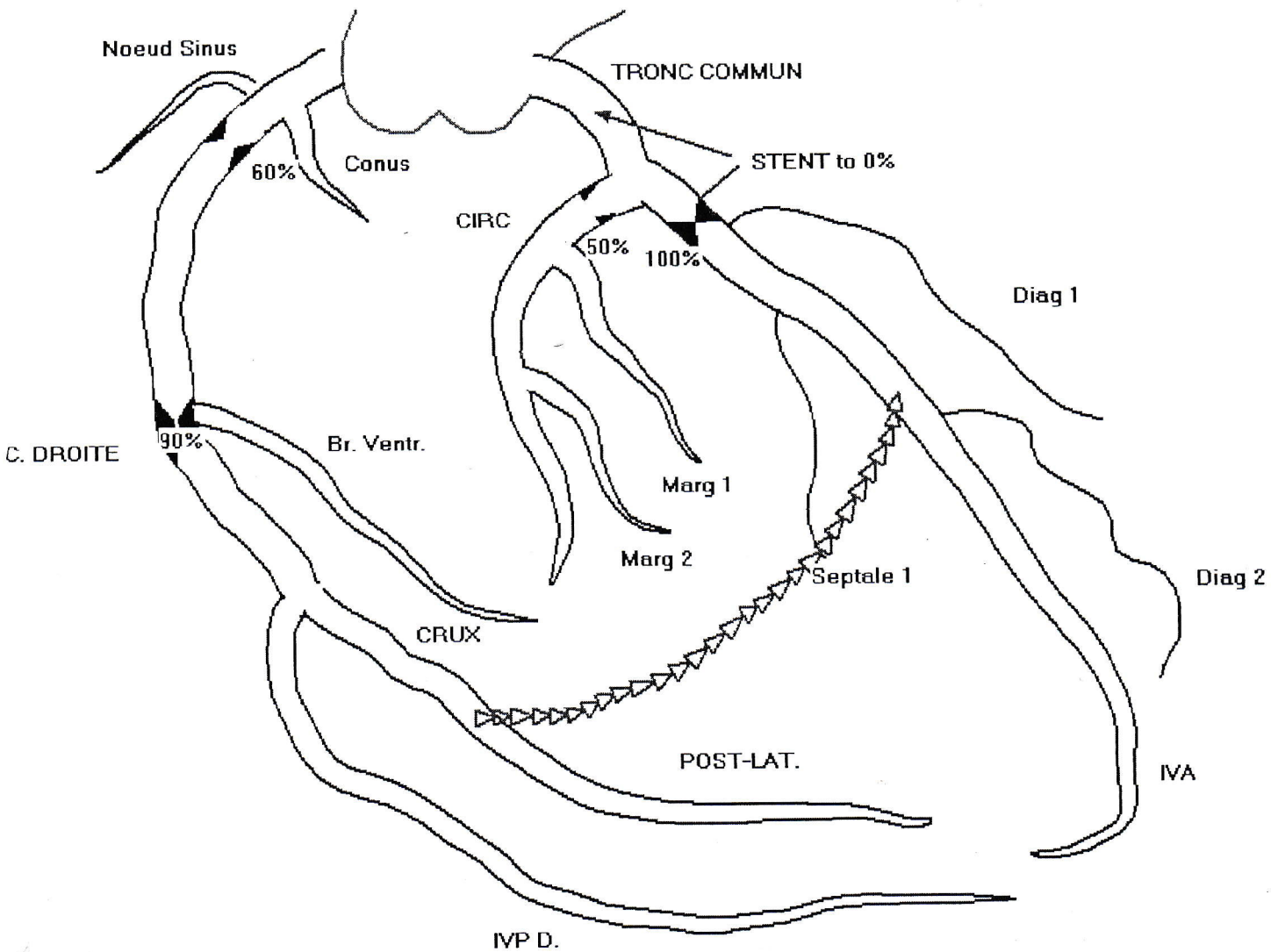
LVEF

36

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

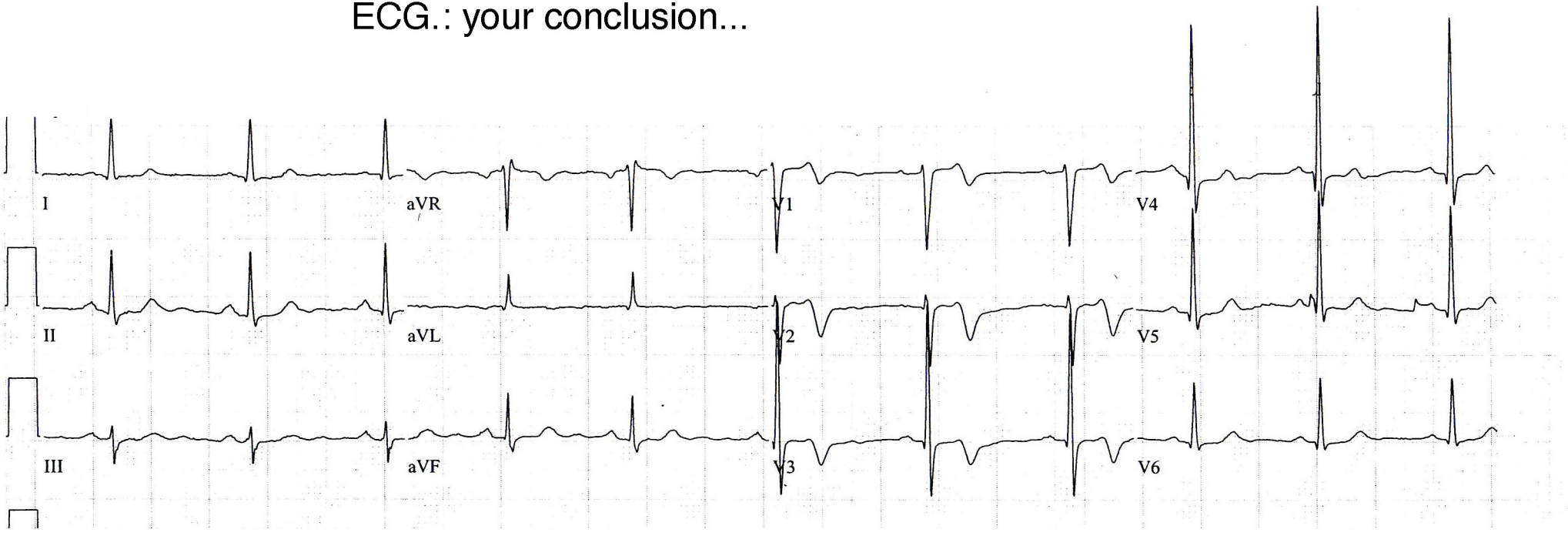
No 28
Coron.:Acute occlusion of LAD stented.



No 29

M 58y . Myocardial infarction

ECG.: your conclusion...



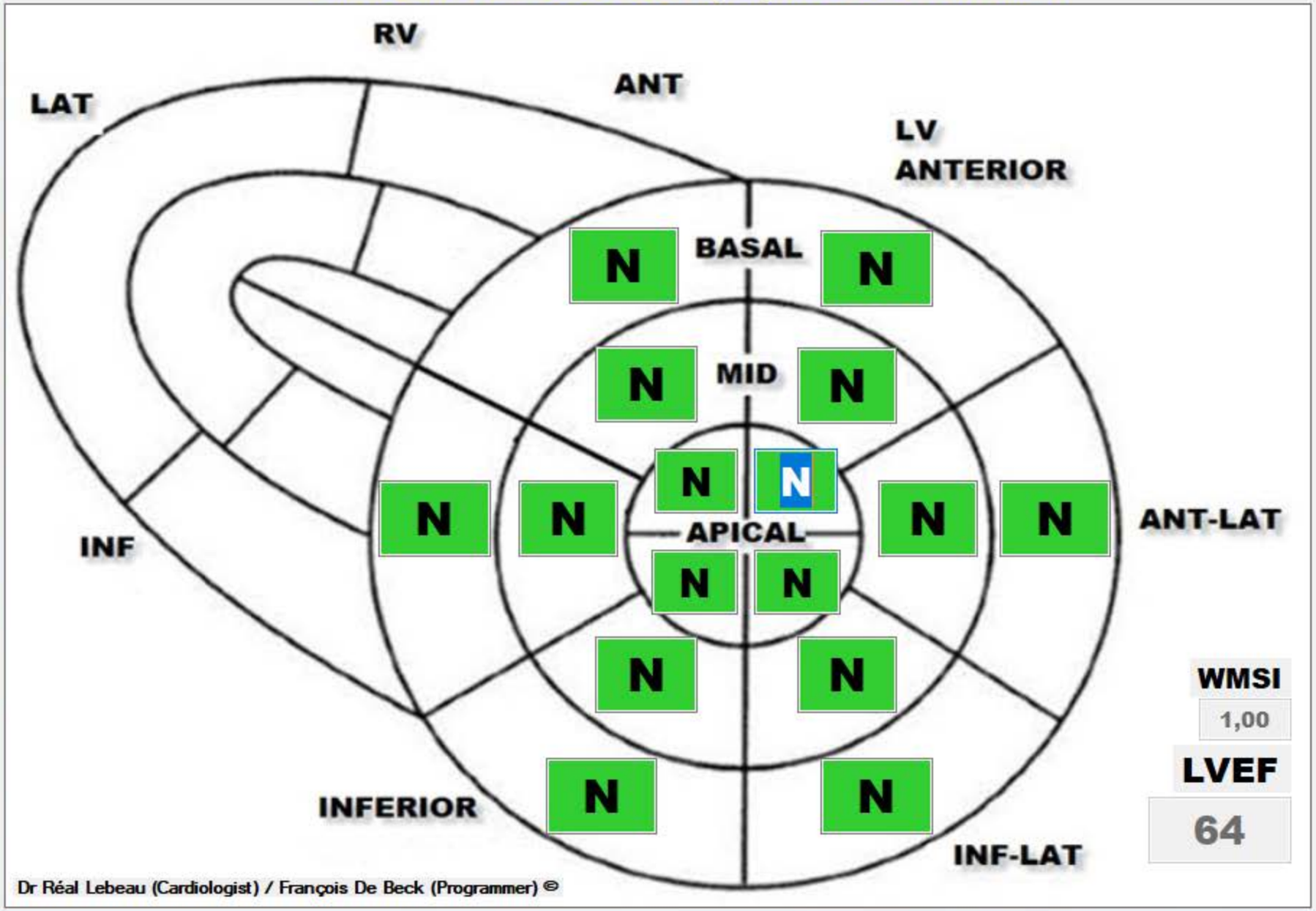
ECG.: anterior ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,00

LVEF
64

Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

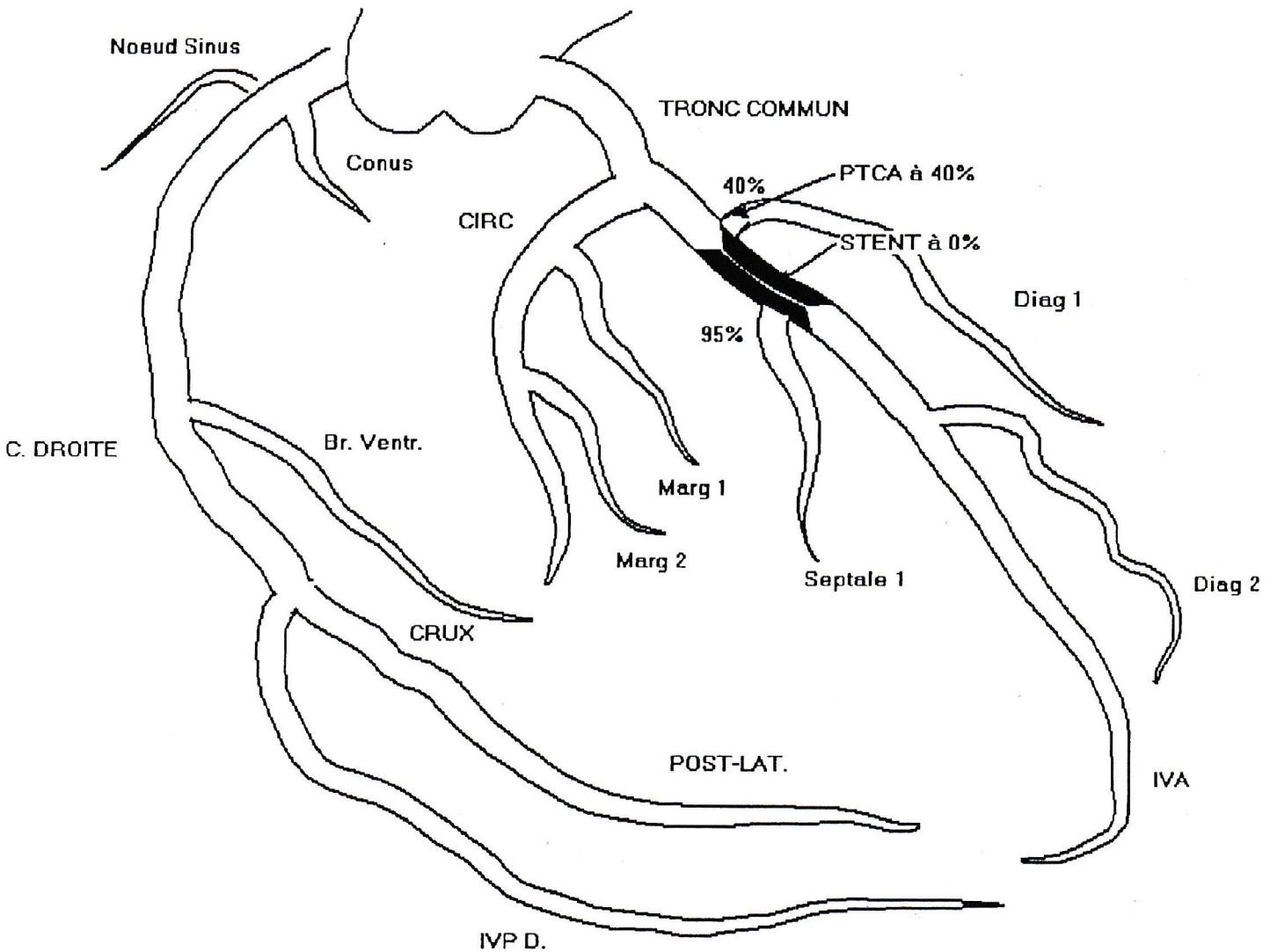
Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 29

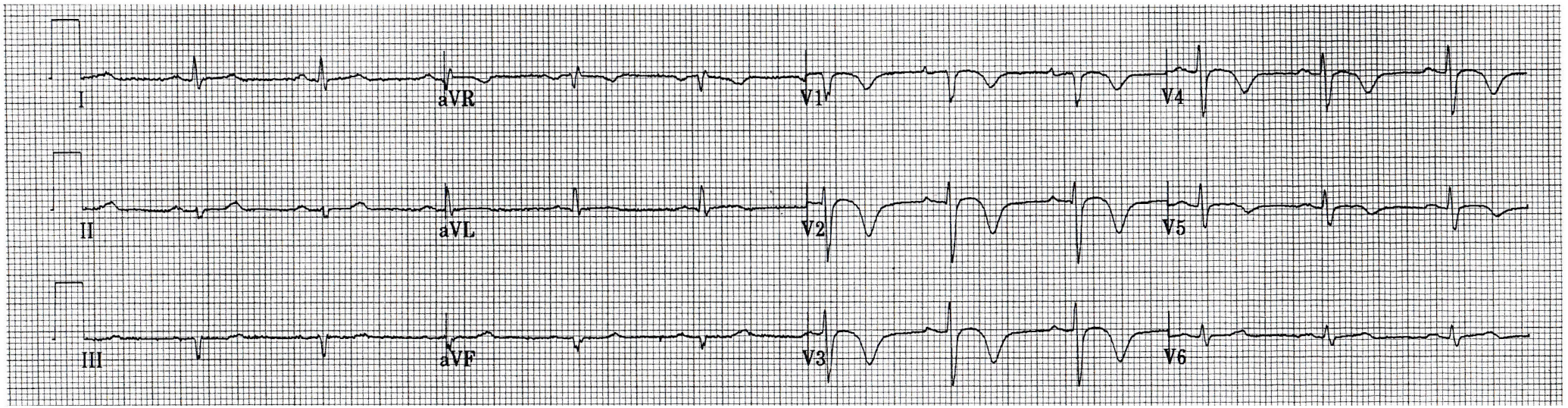
Coron.: Subtotal LAD stenosis stented.



No 30

M 72y. Myocardial infarction

ECG.: your conclusion...



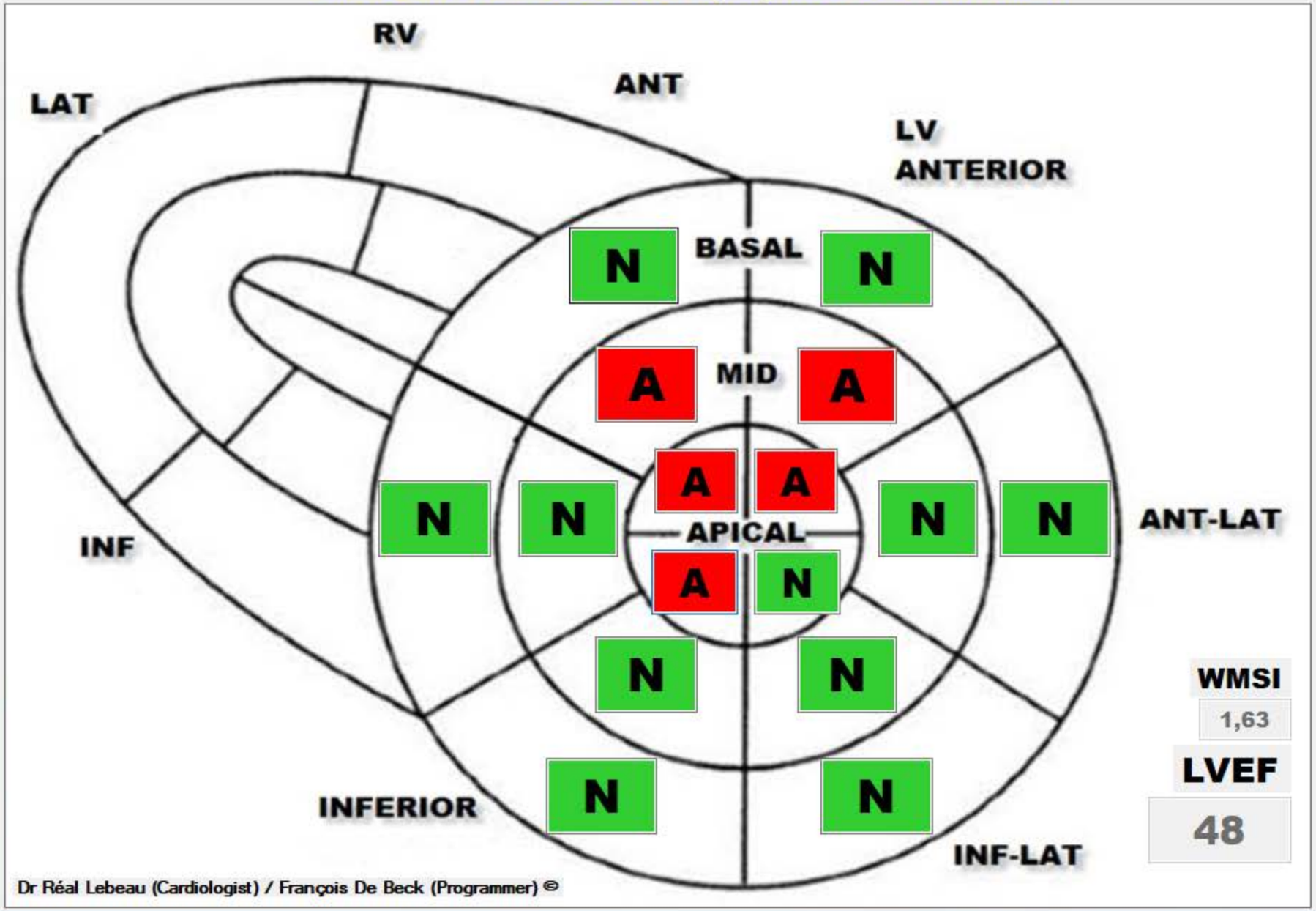
ECG.: anterior ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI: 1,63

LVEF: 48

Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

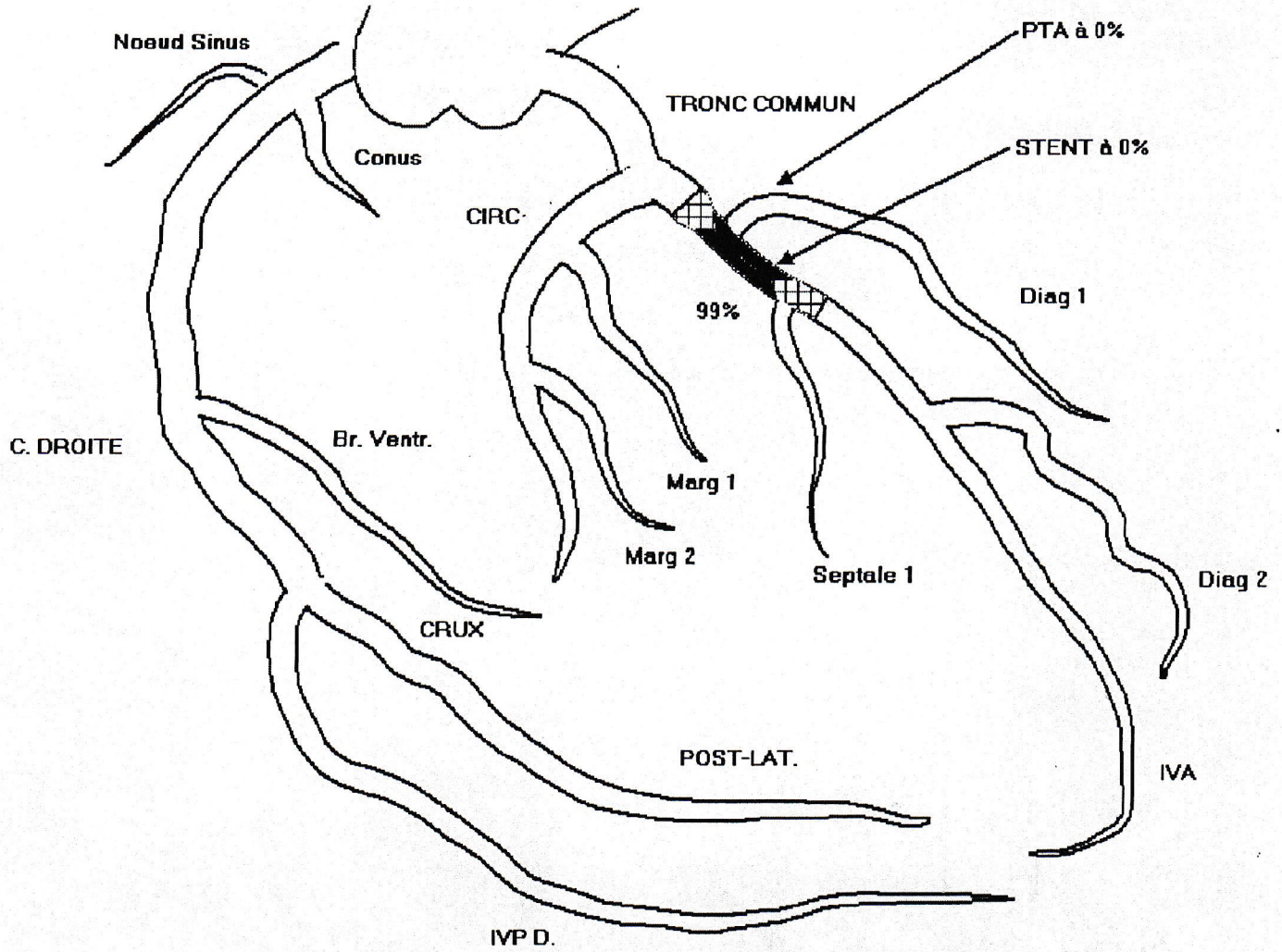
Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	3
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	3
Apical #13	3
Apical #14	1
Apical #15	3
Apical #16	3

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 30

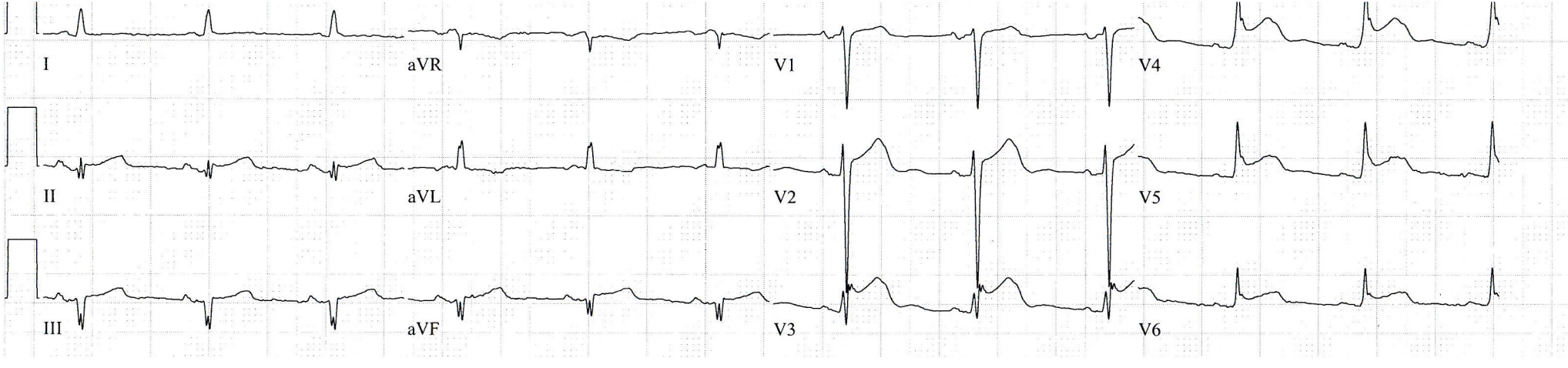
Coron.: subtotal occlusion of LAD stented.



No 31

F 71y. Stress Cardiomyopathy

ECG.: your conclusion...



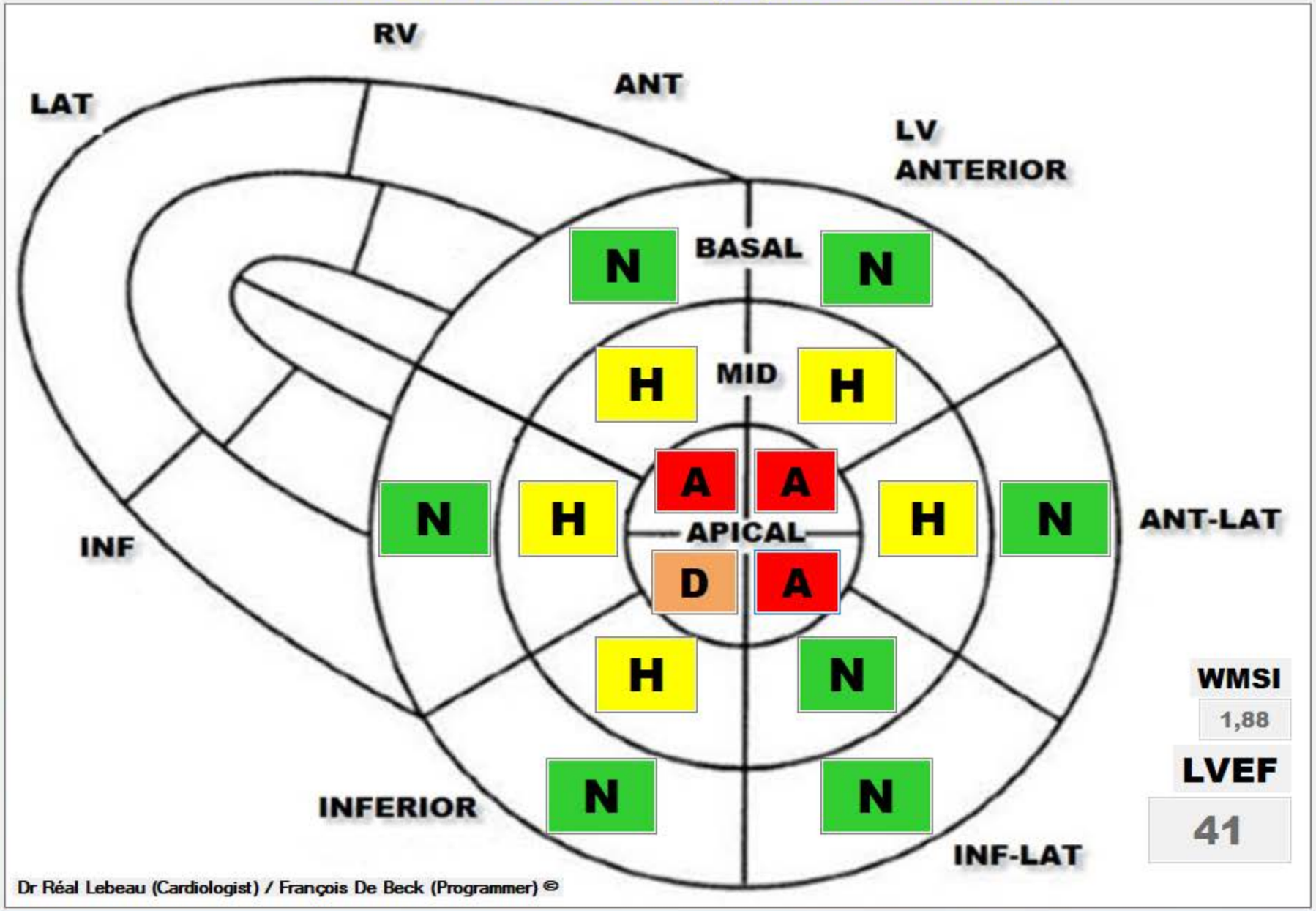
ECG .: Anterior and inferior injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	2
Mid #8	2
Mid #9	1
Mid #10	2
Mid #11	2
Mid #12	2
Apical #13	3
Apical #14	3
Apical #15	4
Apical #16	3

WMSI

1,88

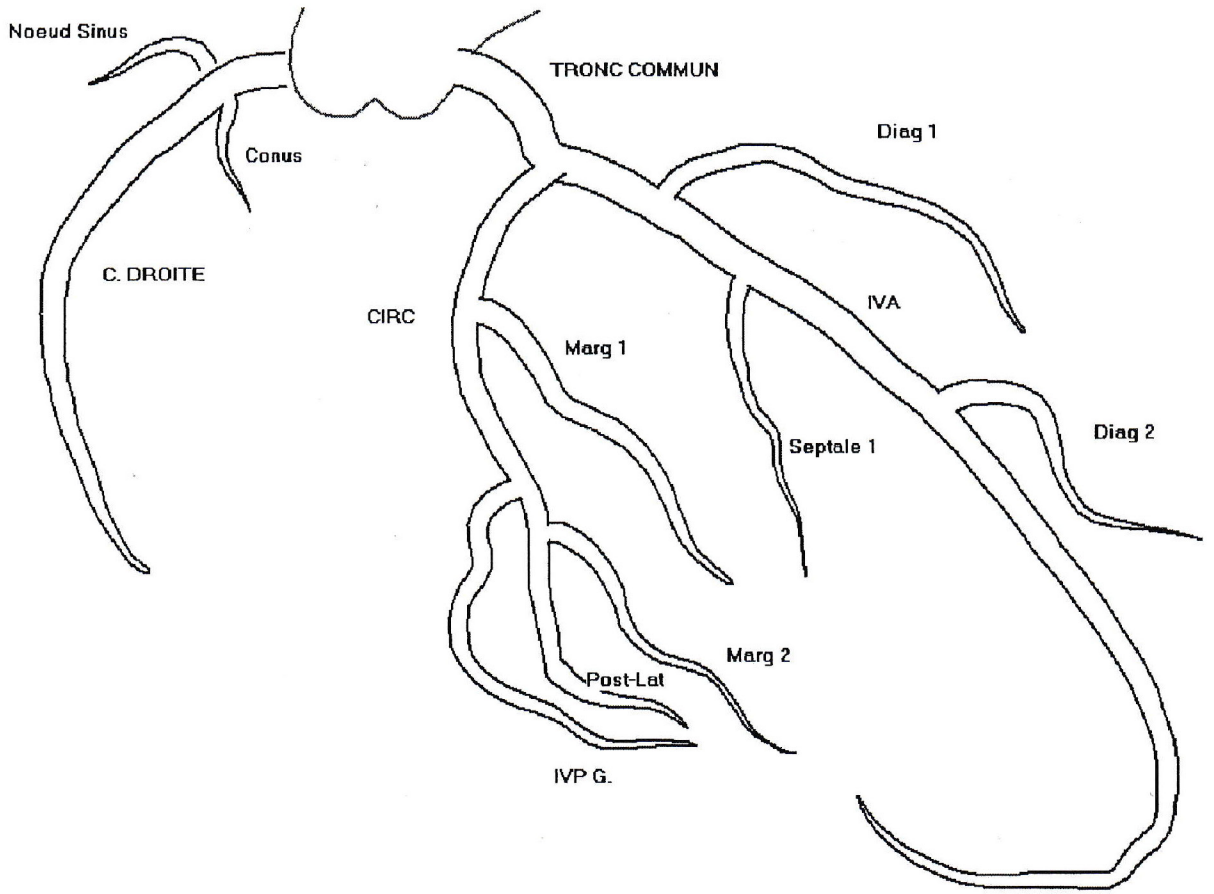
LVEF

41

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

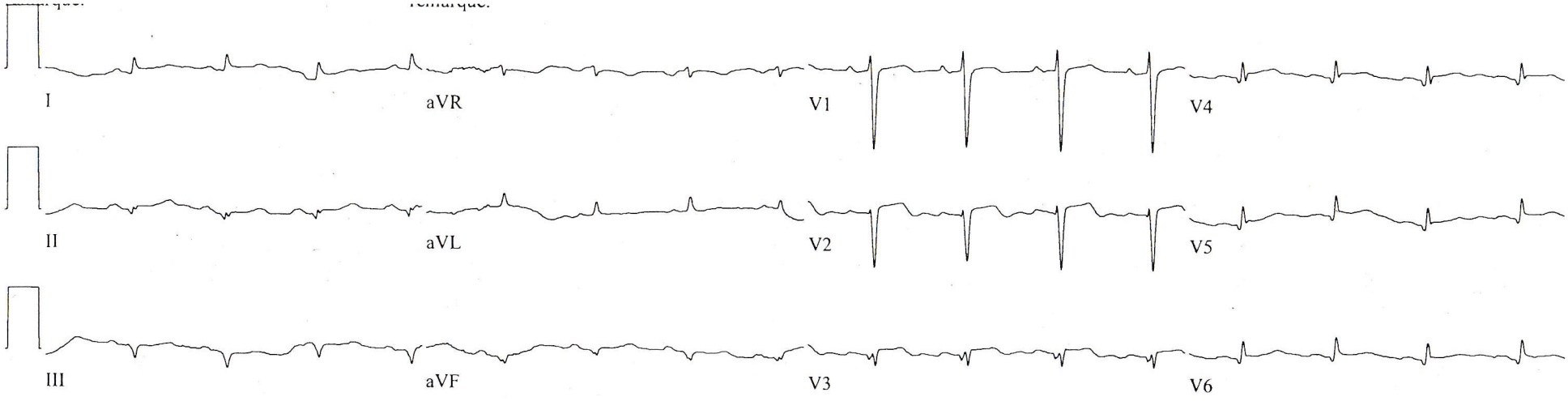
NO 31
Coron.: Normal
(Stress cardiomyopathy (Takotsubo))



No 32

F 67y. Myocardial infarction

ECG.: your conclusion...



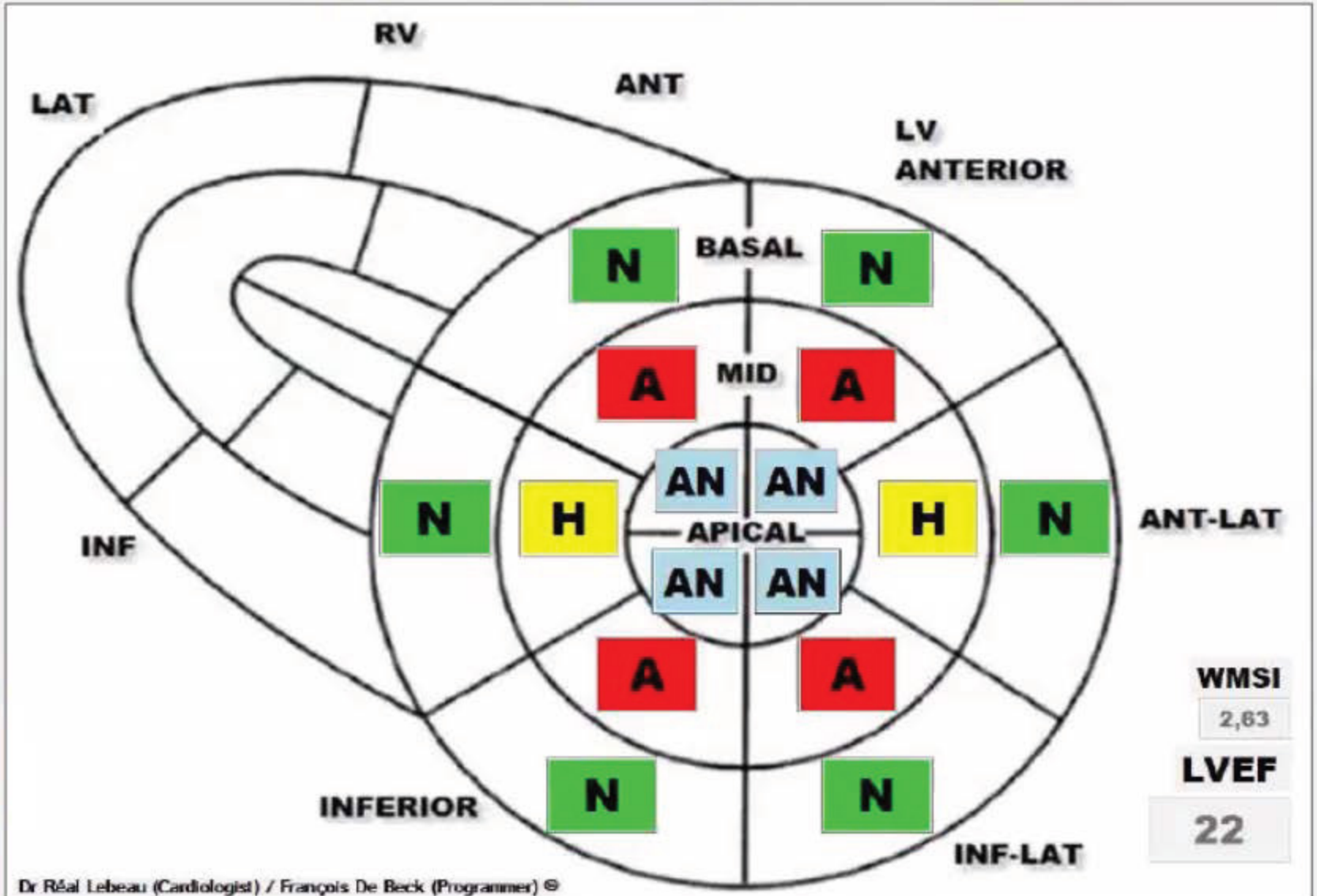
ECG.: possible recent inferior and anterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
2,63

LVEF
22

Classical Wall Motion

EXAM DATE:

NAME: No 32

SURNAME:

BIRTH DATE:

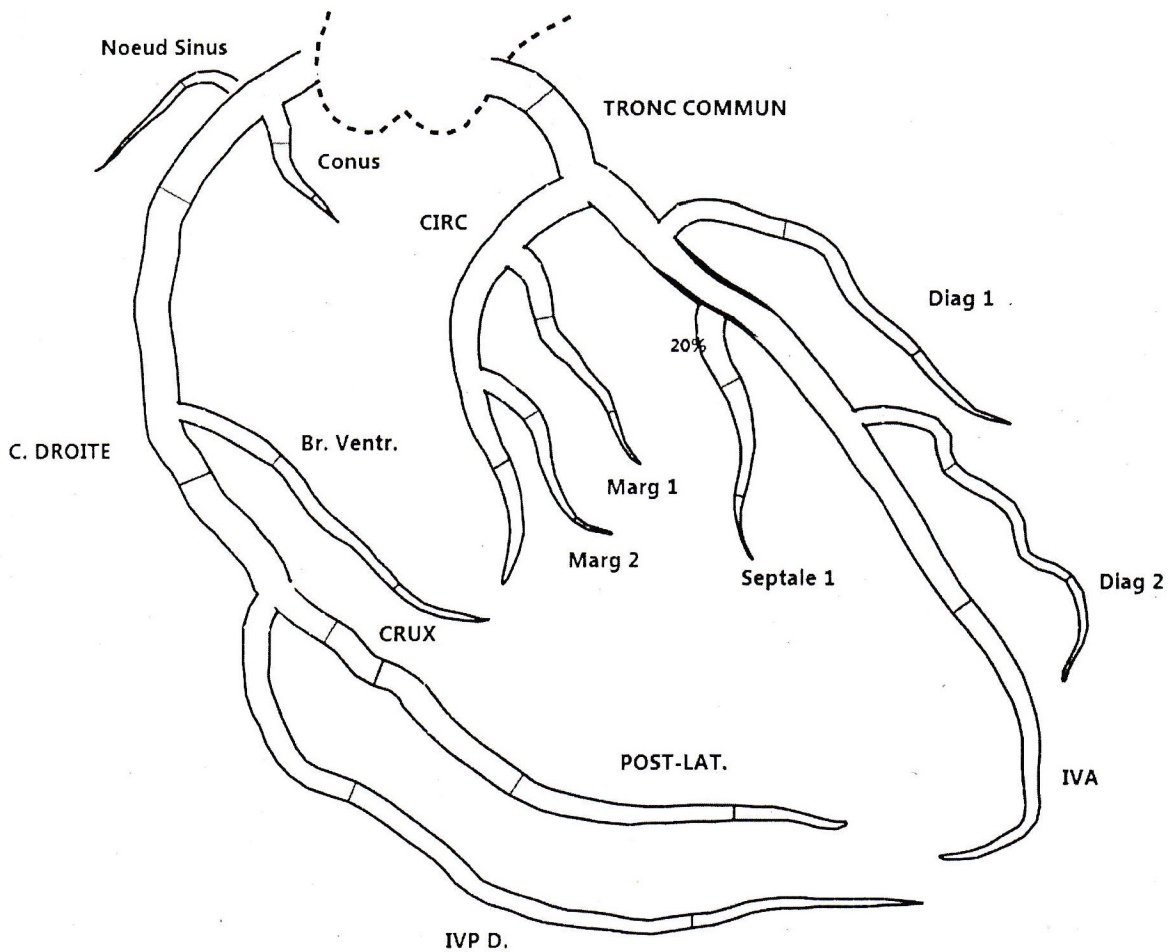
Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	3
Mid #8	2
Mid #9	3
Mid #10	3
Mid #11	2
Mid #12	3
Apical #13	5
Apical #14	5
Apical #15	5
Apical #16	5

Dx.:
Mid anterior infarction
and apical aneurism

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

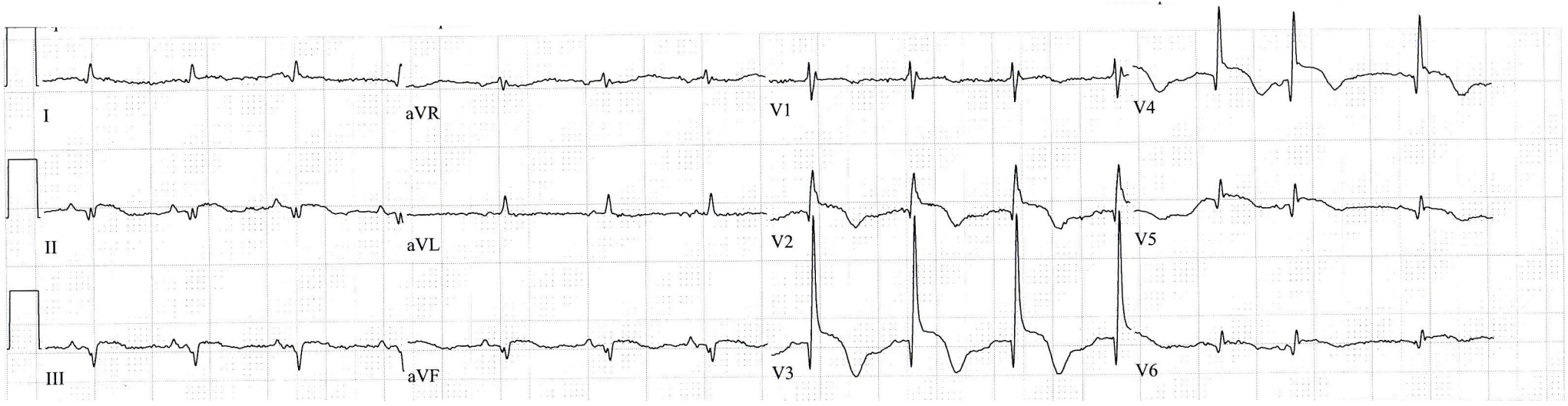
No 32
Coron.: Normal
(Stress cardiomyopathy (Takotsubo))



No 33

F 89y. Myocardial infarction

ECG.: your conclusion...



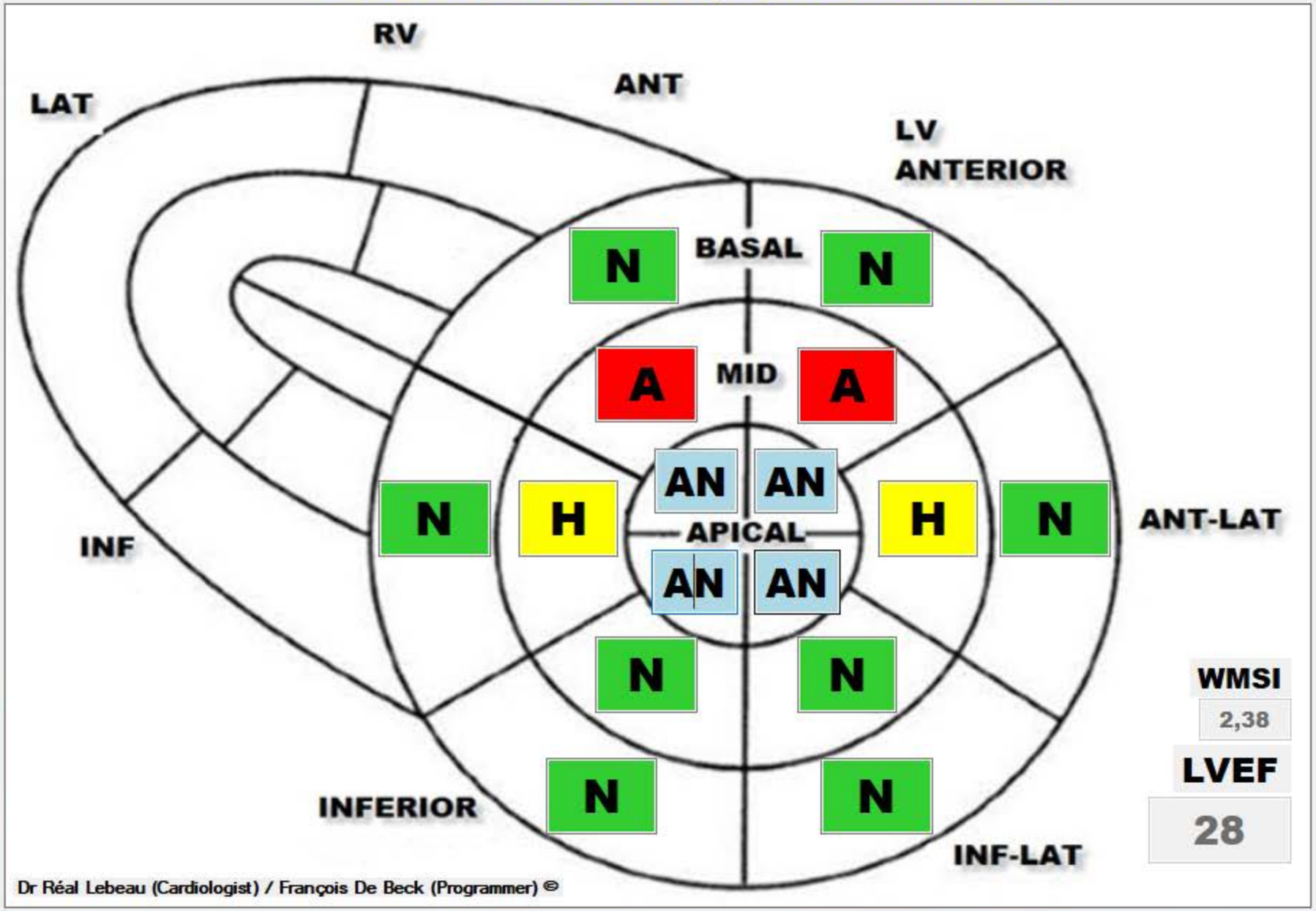
ECG.: Acute anterior and indeterminate age inferior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-03

NAME:

SURNAME:

BIRTH DATE: 2020-11-03

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	3
Mid #8	2
Mid #9	1
Mid #10	1
Mid #11	2
Mid #12	3
Apical #13	5
Apical #14	5
Apical #15	5
Apical #16	5

WMSI

2,38

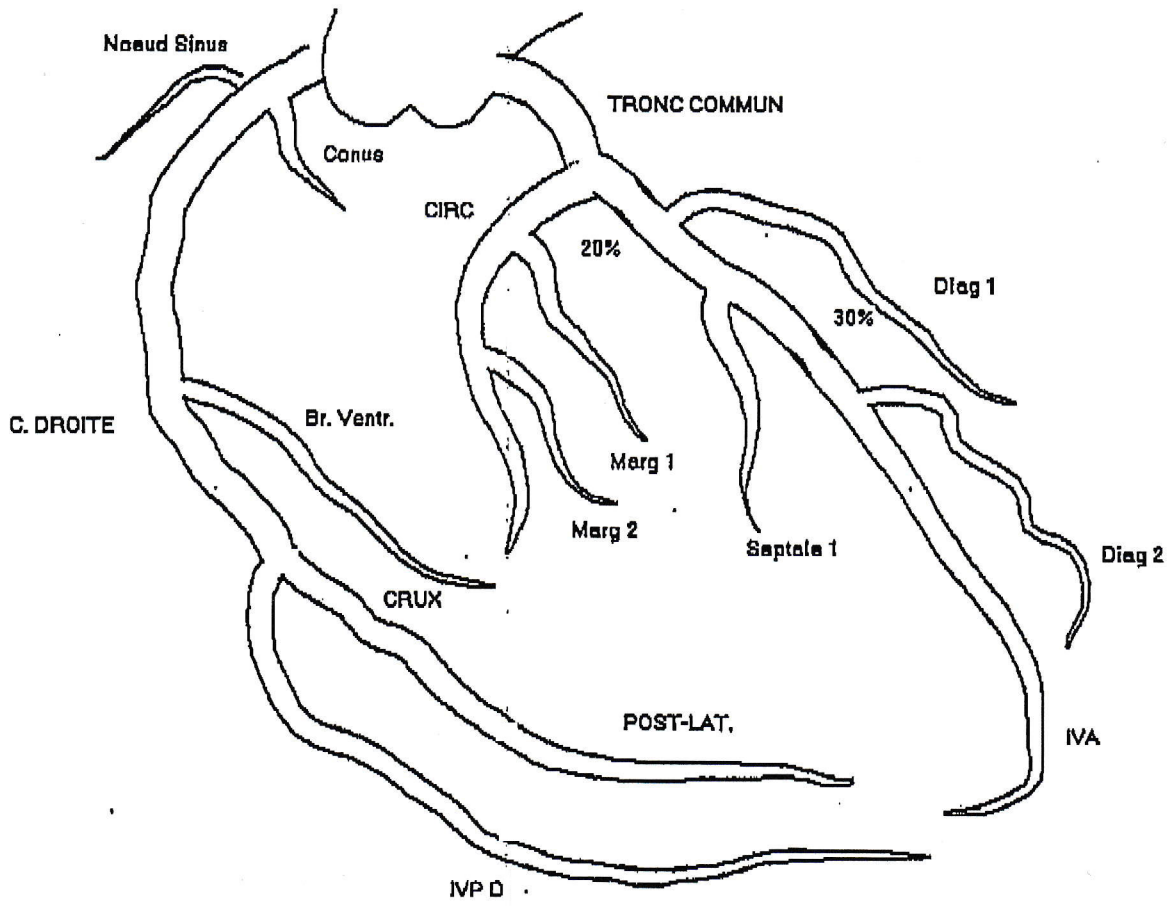
LVEF

28

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

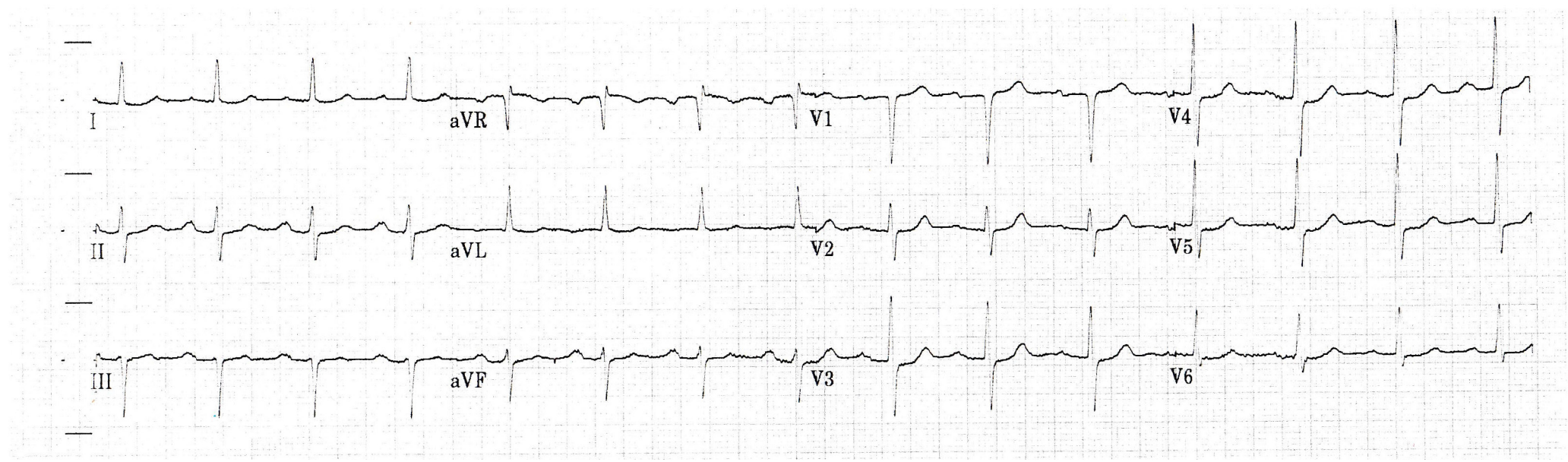
No 33
Coron.:Normal
(Stress cardiomyopathy (Takotsubo))



No 34

M 72y . NSTEMI.

ECG.: your conclusion...



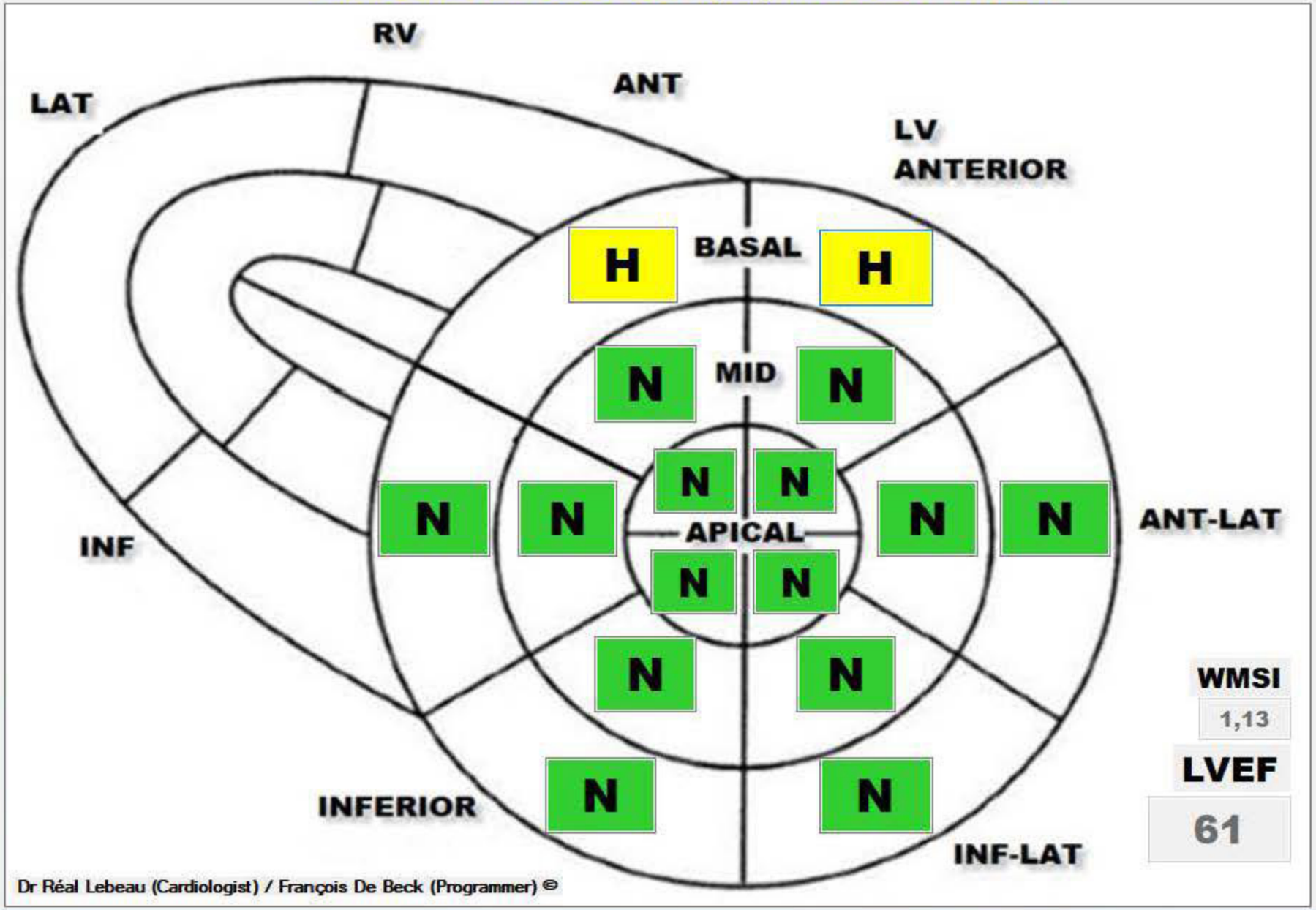
ECG.: Normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE:

NAME: No 34

SURNAME:

BIRTH DATE:

Left Ventricle

Basal #1	2
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	2
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

Dx.:
Non specific basal anterior hypokinesia

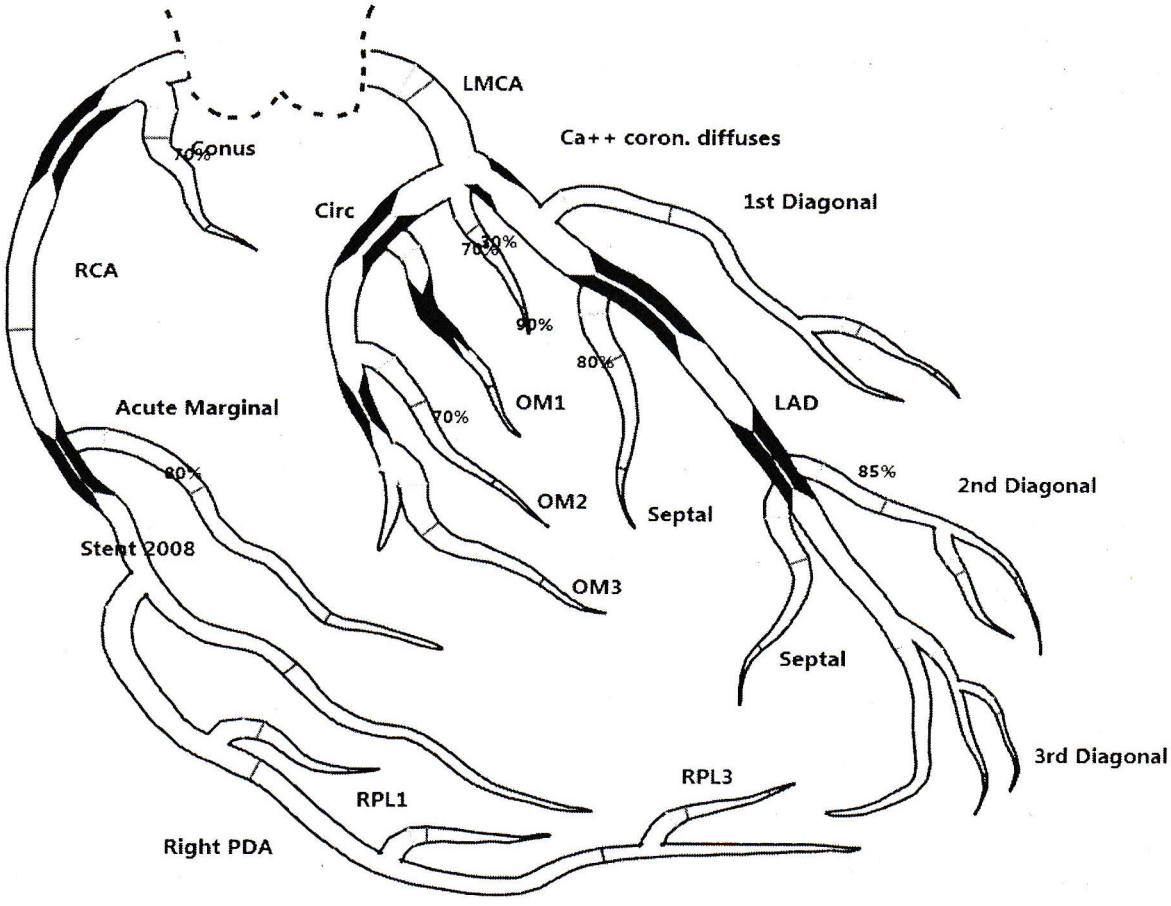
WMSI
1,13

LVEF
61

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 34

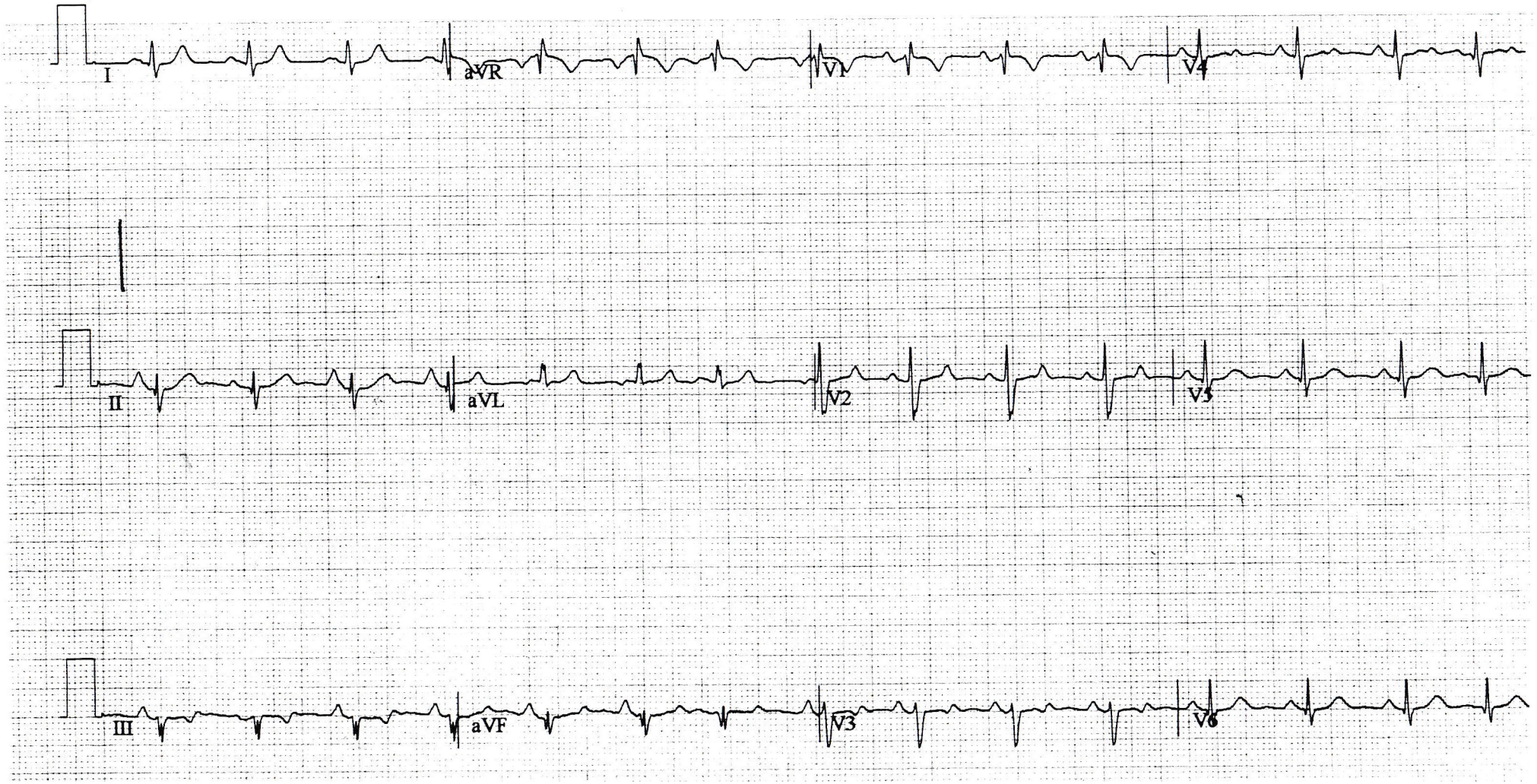
Coron.: 3 vessels disease with ecg and echo normal



No 35

M 56y. Atypical chest pain . Stress test positive

ECG.: your conclusion...



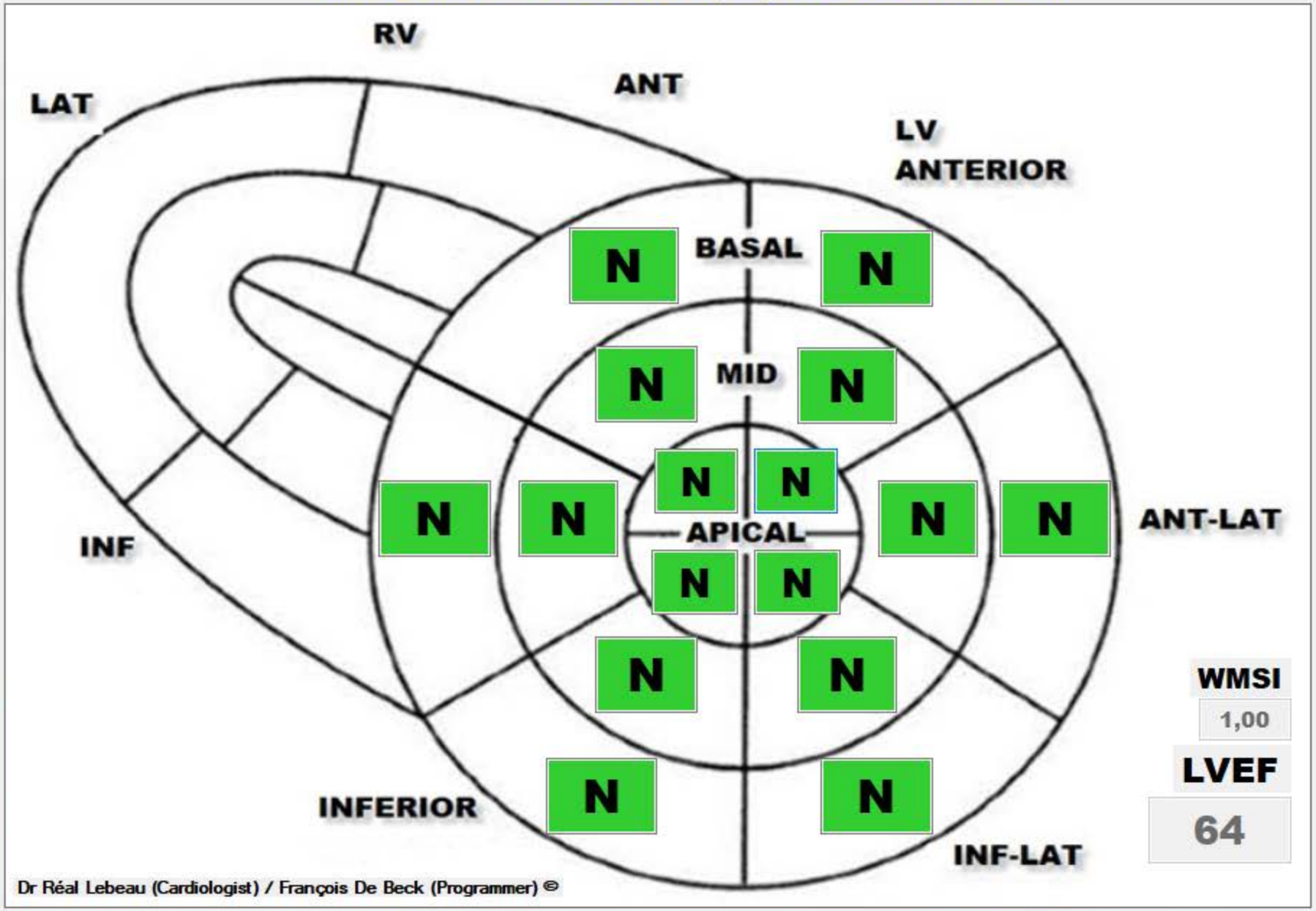
ECG.: Incomplete RBBB limit of the normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,00

LVEF
64

Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

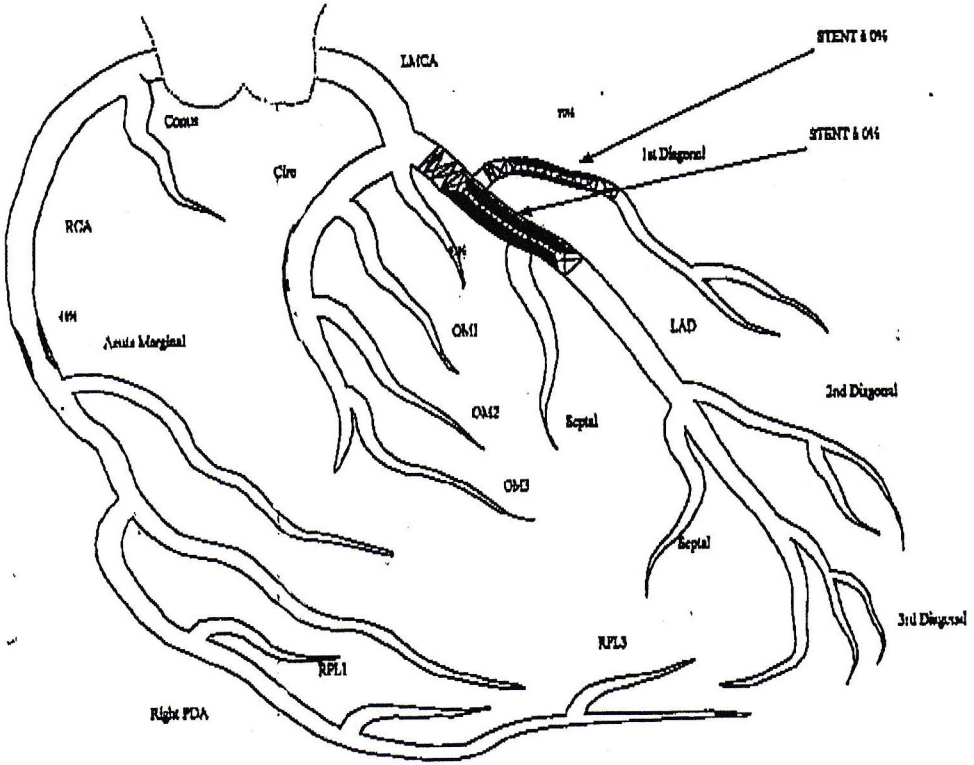
Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

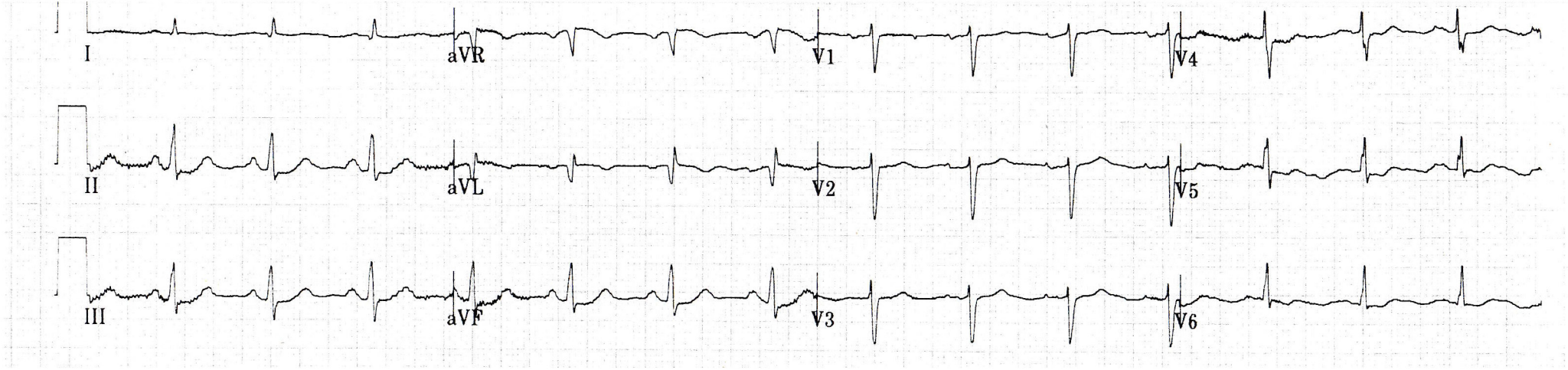
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 35
Coron.: Significant proximal LAD stenosis



No 36
F 68y. Myocardial infarction.
ECG.: your conclusion...



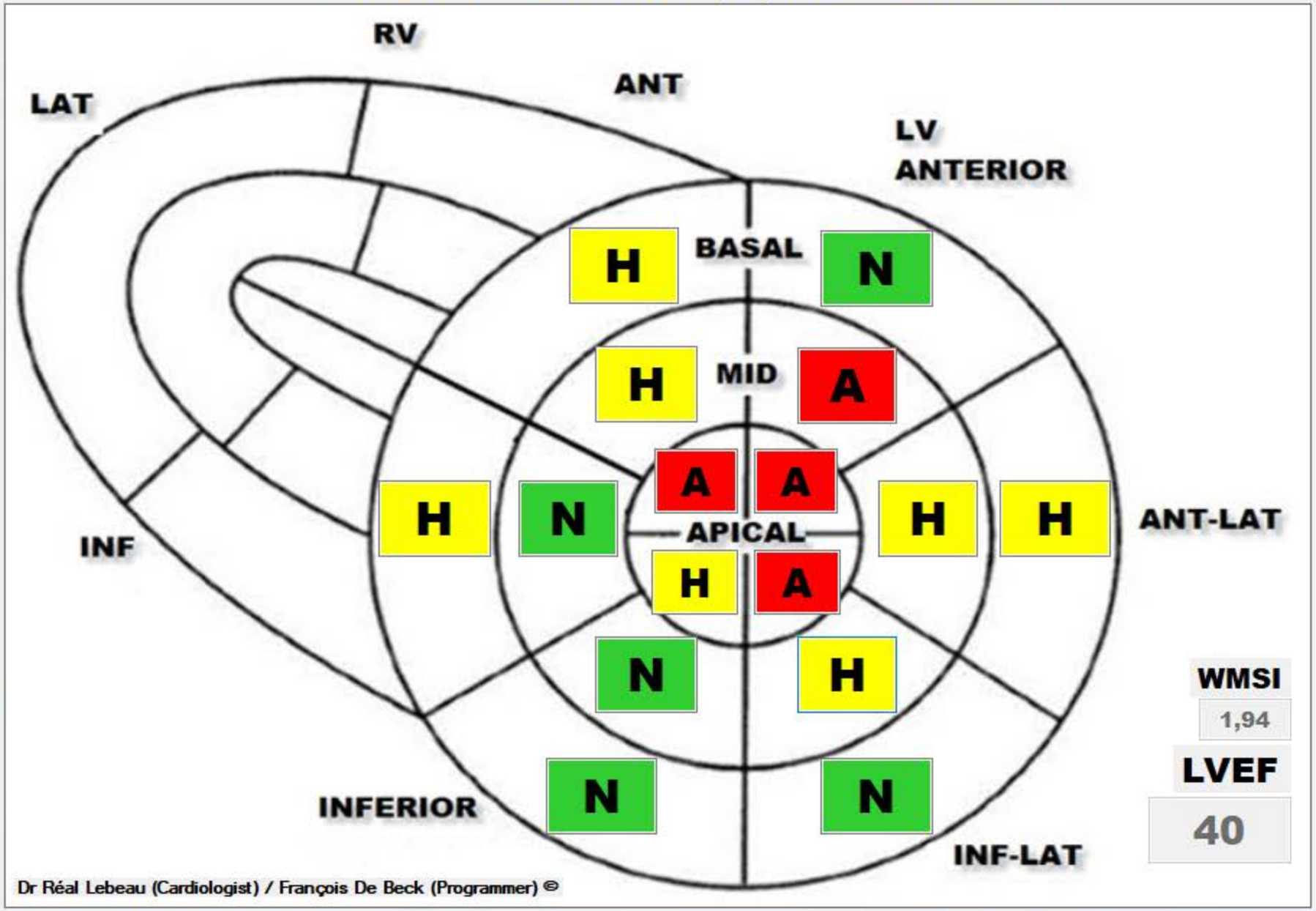
ECG.: Non specific ST change

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	1
Basal #4	1
Basal #5	2
Basal #6	2
Mid #7	3
Mid #8	2
Mid #9	2
Mid #10	1
Mid #11	1
Mid #12	2
Apical #13	3
Apical #14	3
Apical #15	2
Apical #16	3

WMSI

1,94

LVEF

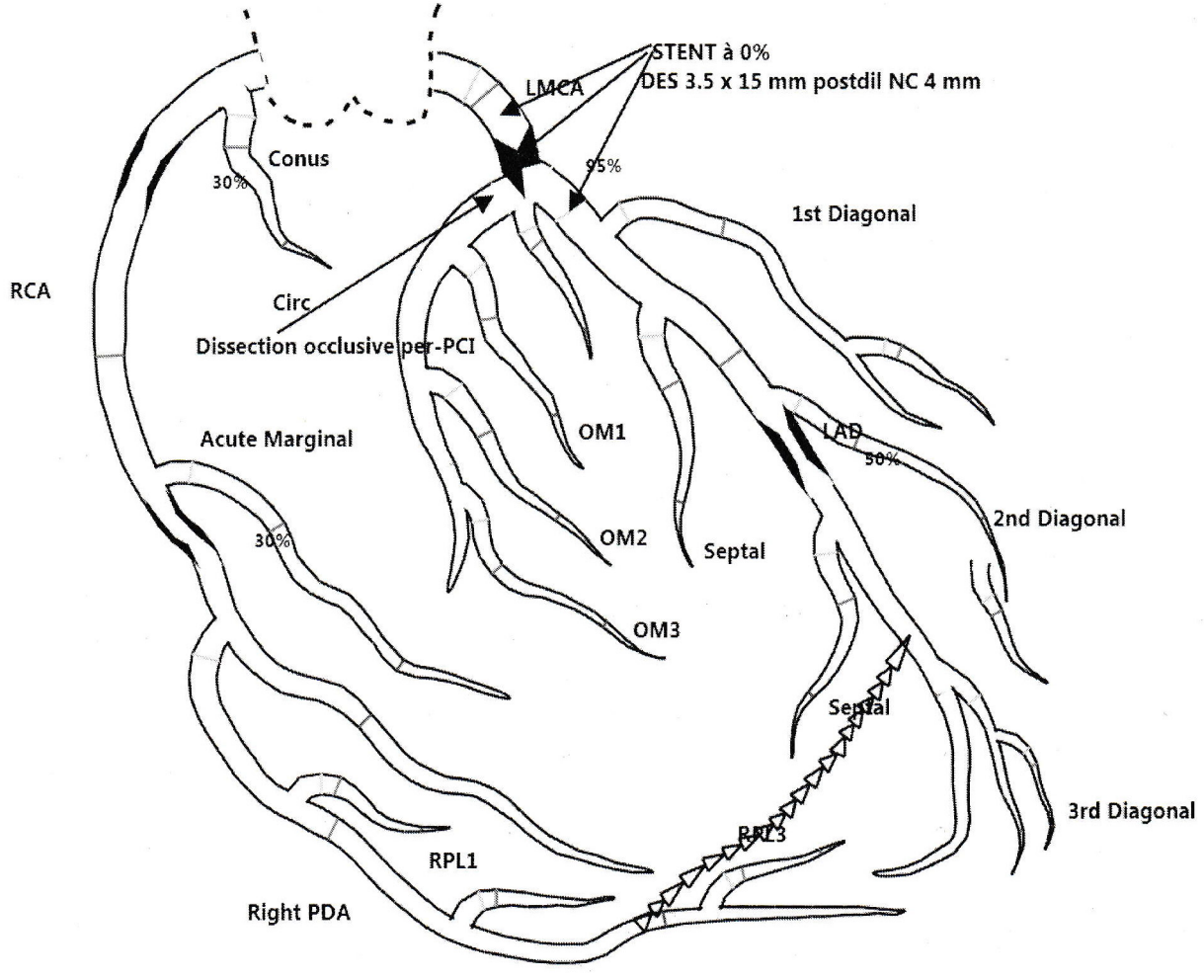
40

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 36

Coron.: Subtotal stenosis of left main coronary artery.



LATERAL INFARCTION (Cx)

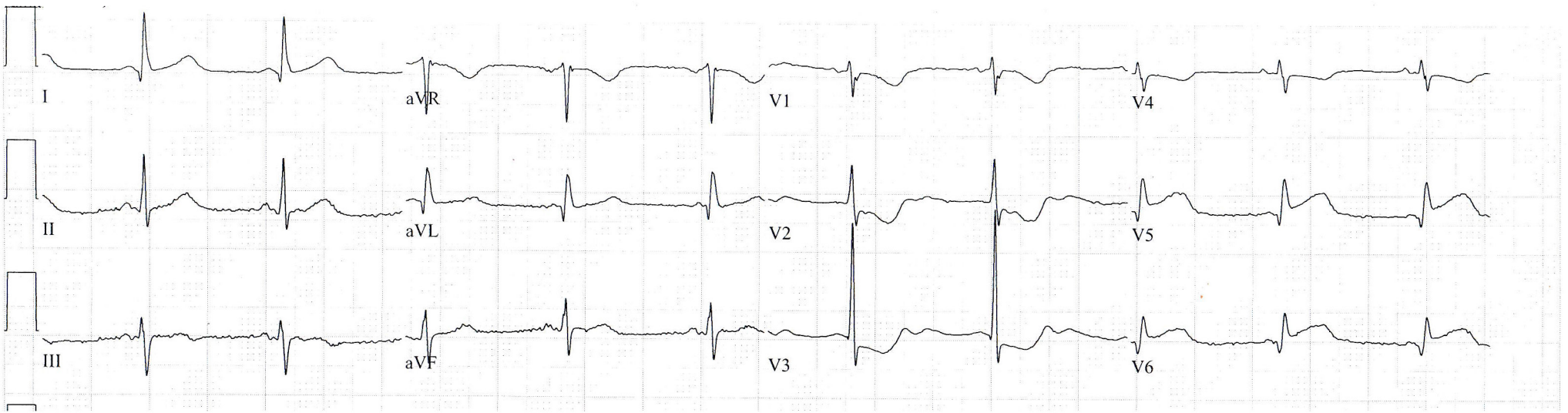
37	Acute post-lat-infarction
38	Acute infero-post-infarction
39	Acute post-lat-infarction
40	Acute infero-postero-lat infarction
41	Acute infero-postero-lat infarction
42	Acute infero-postero-lat infarction
43	Acute posterior infarction
44	Atypical acute infero-lateral infarction
45	Atypical acute infero-lateral infarction
46	ECG normal
47	ECG normal
48	Inferior Ischemia
49	Posterior Ischemia
50	Lateral Ischemia
51	Anterior Ischemia

UNUSUAL CASES

52	ECG normal
53	ECG normal
54	Left main coronary artery
55	Left main coronary artery
56	Left main coronary artery
57	CMP (cardiomyopathy)
58	CMP (cardiomyopathy)
59	Stress echo
60	Stress echo

N. B.: More quiz cases to come work in progress.

No37
F 82y. STEMI.
ECG.: your conclusion...



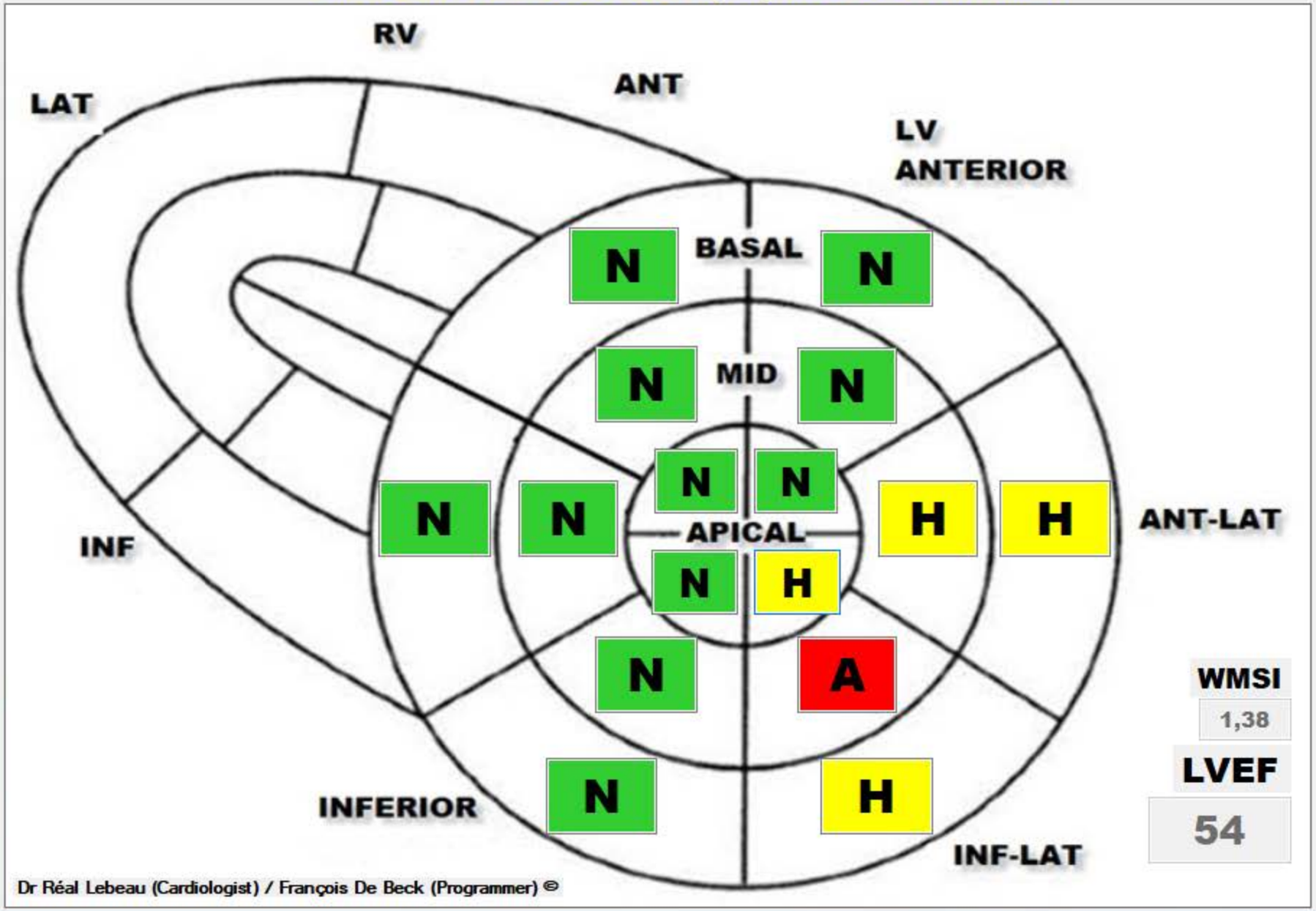
ECG.: Acute postero-lateral infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	2
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	2
Apical #15	1
Apical #16	1

WMSI

1,38

LVEF

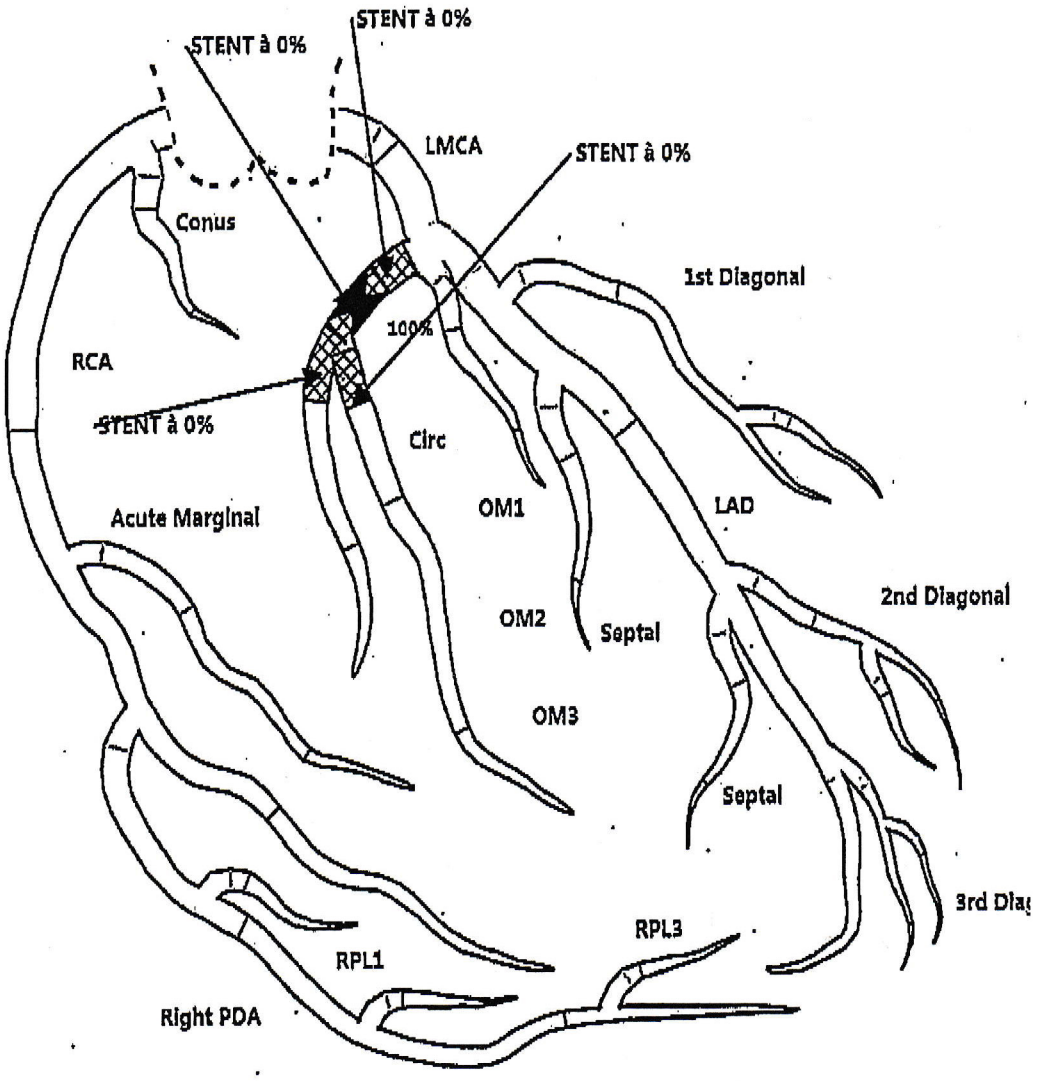
54

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 37

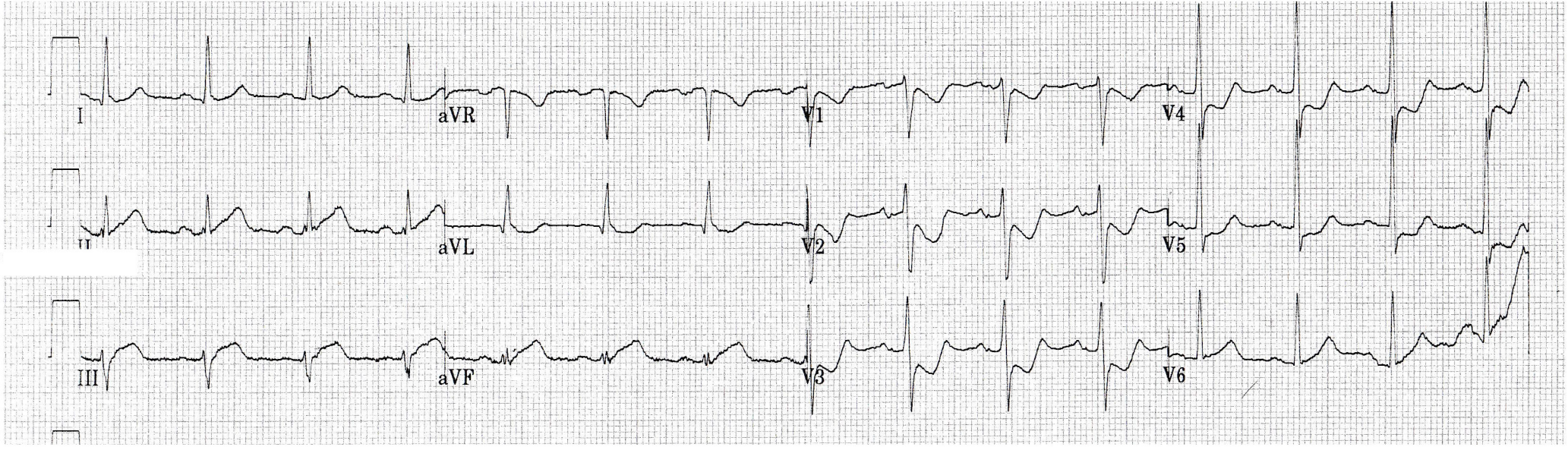
Coron.: Acute occlusion of Cx stented



No 38

M 50y. Myocardial infarction.

ECG.: your conclusion...



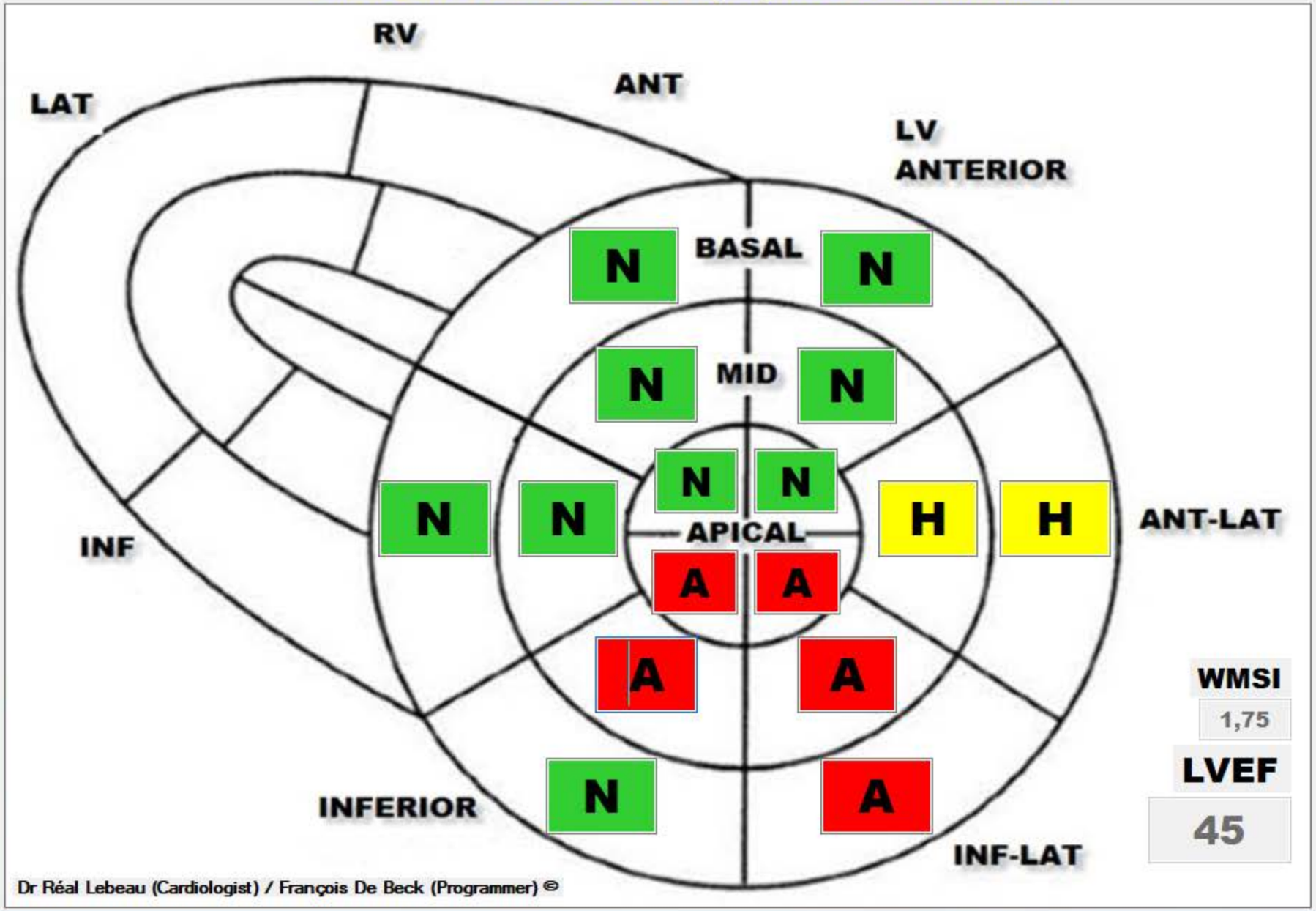
ECG.: Acute infero-posterior infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	3
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	3
Apical #16	1

WMSI

1,75

LVEF

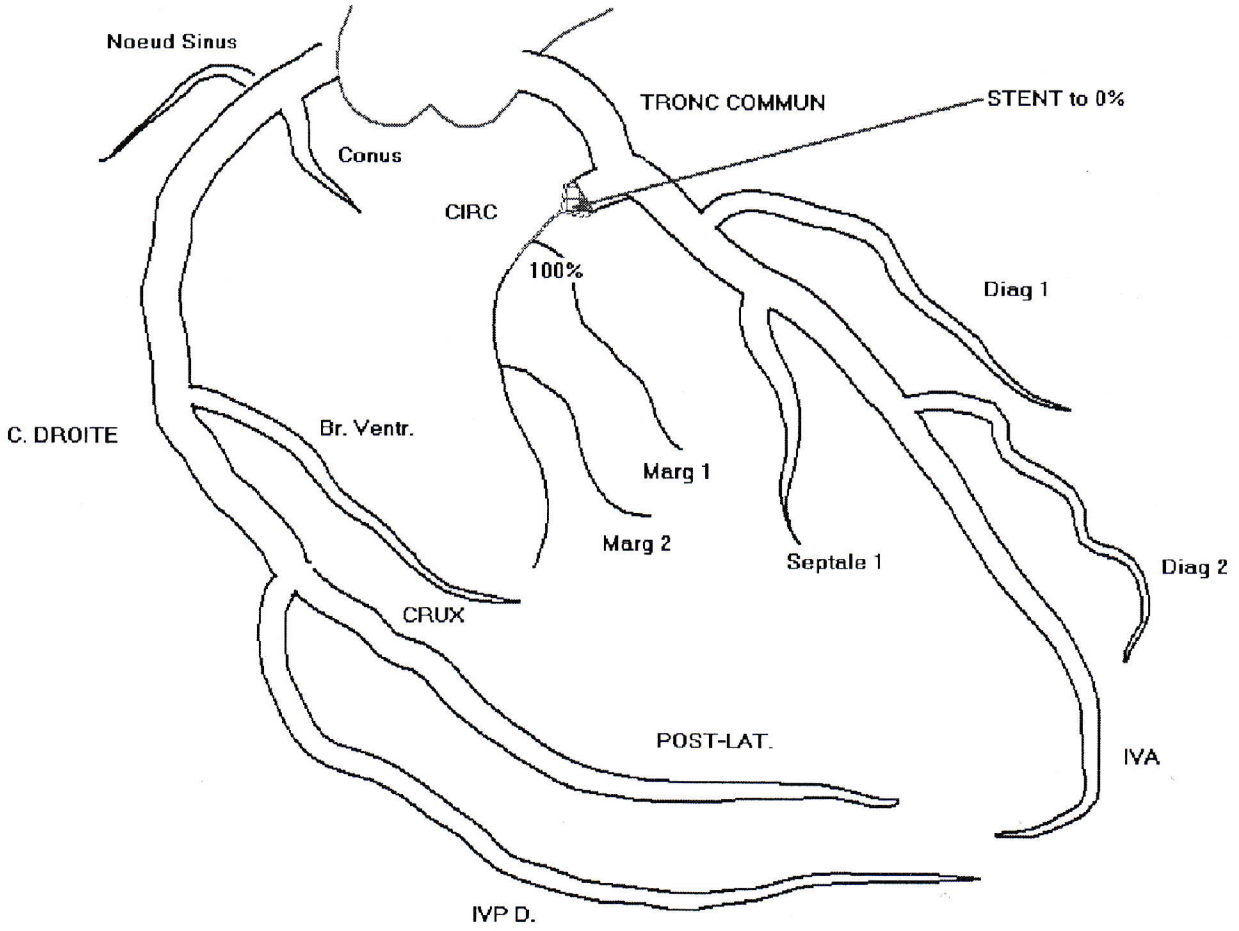
45

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 38

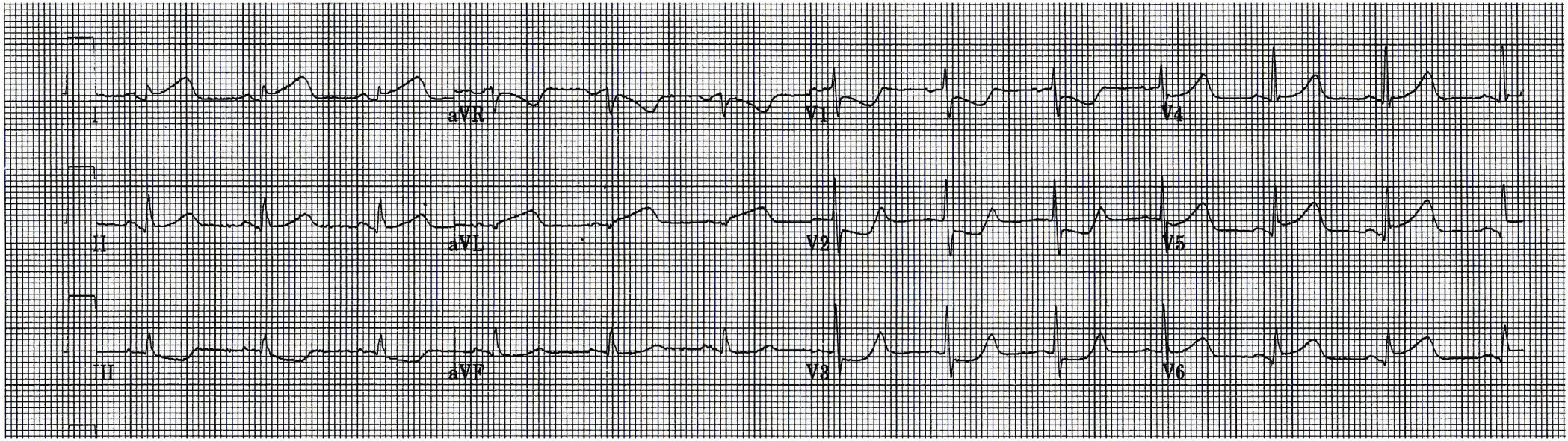
Coro.: Acute occlusion of the Cx stented.



No 39

F 67y. Myocardial Infarction

ECG.: your conclusion...



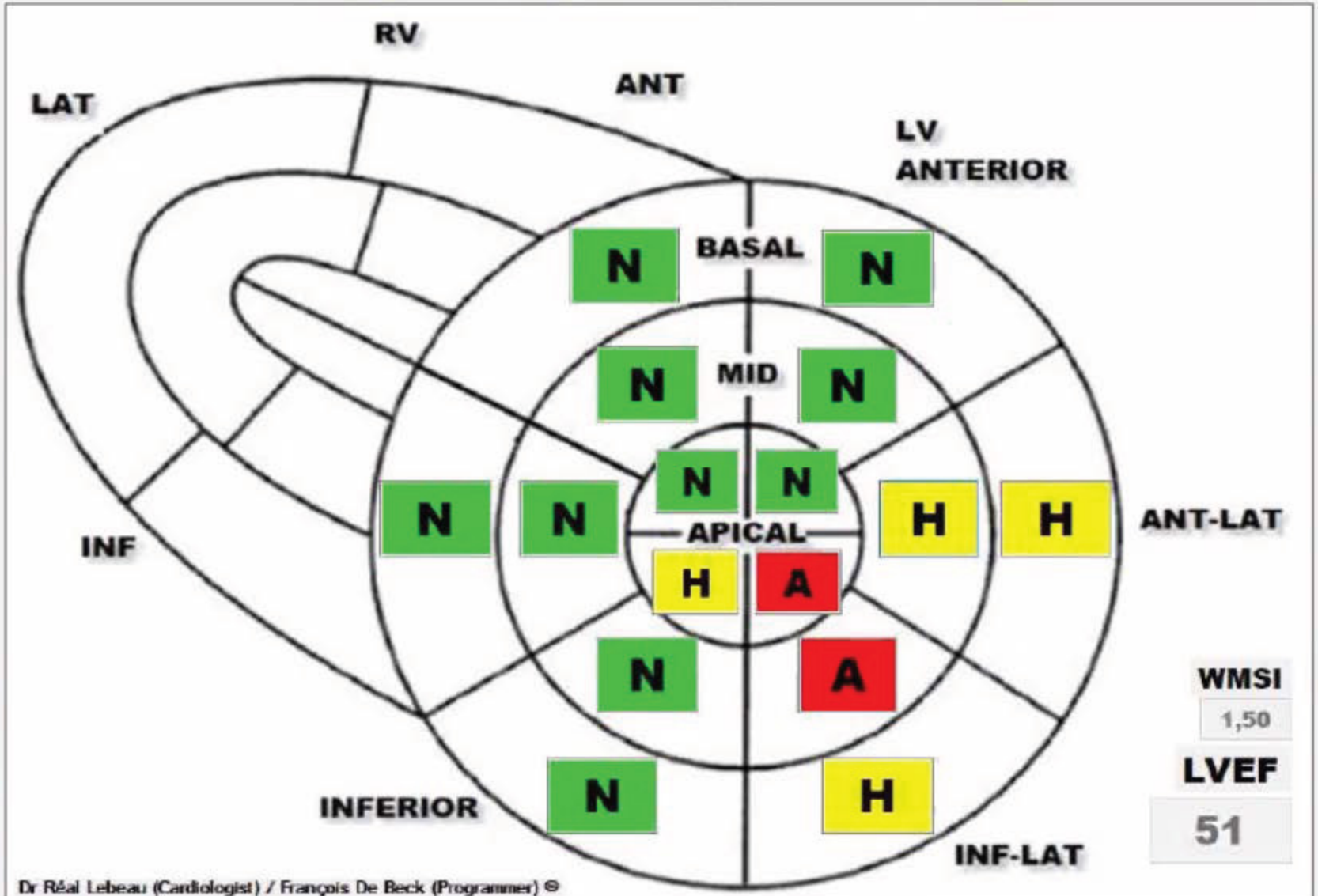
ECG.: Acute postero-lateral infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

WMSI
1,50

LVEF
51

Classical Wall Motion

EXAM DATE:

NAME: No 39

SURNAME:

BIRTH DATE:

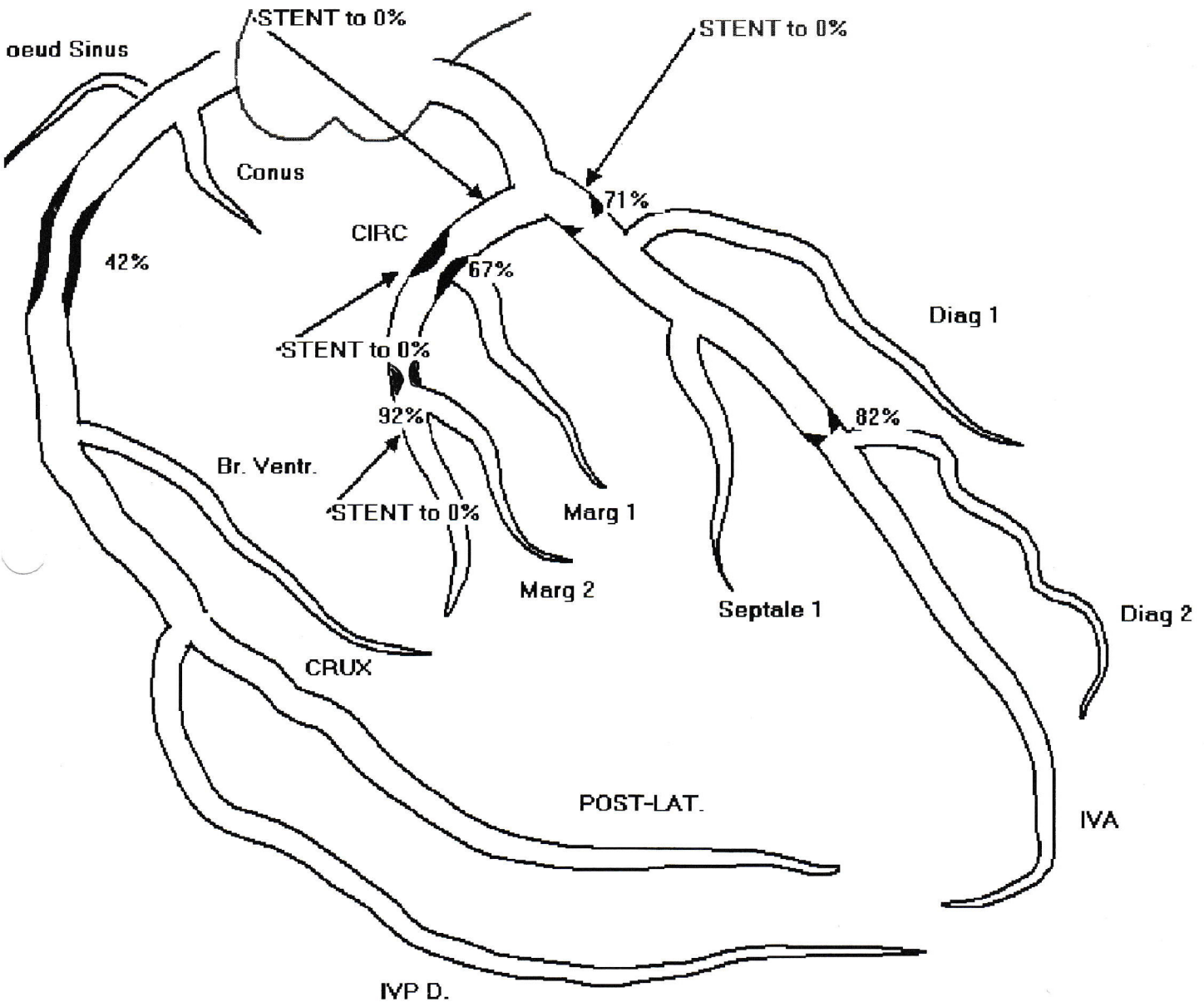
Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	2
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	2
Apical #16	1

Dx.:
Lateral infarction (Cx)

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-175

No 39
Coron.:Severe stenosis of Cx



No 40
M 51y. STEMI
ECG.: your conclusion...

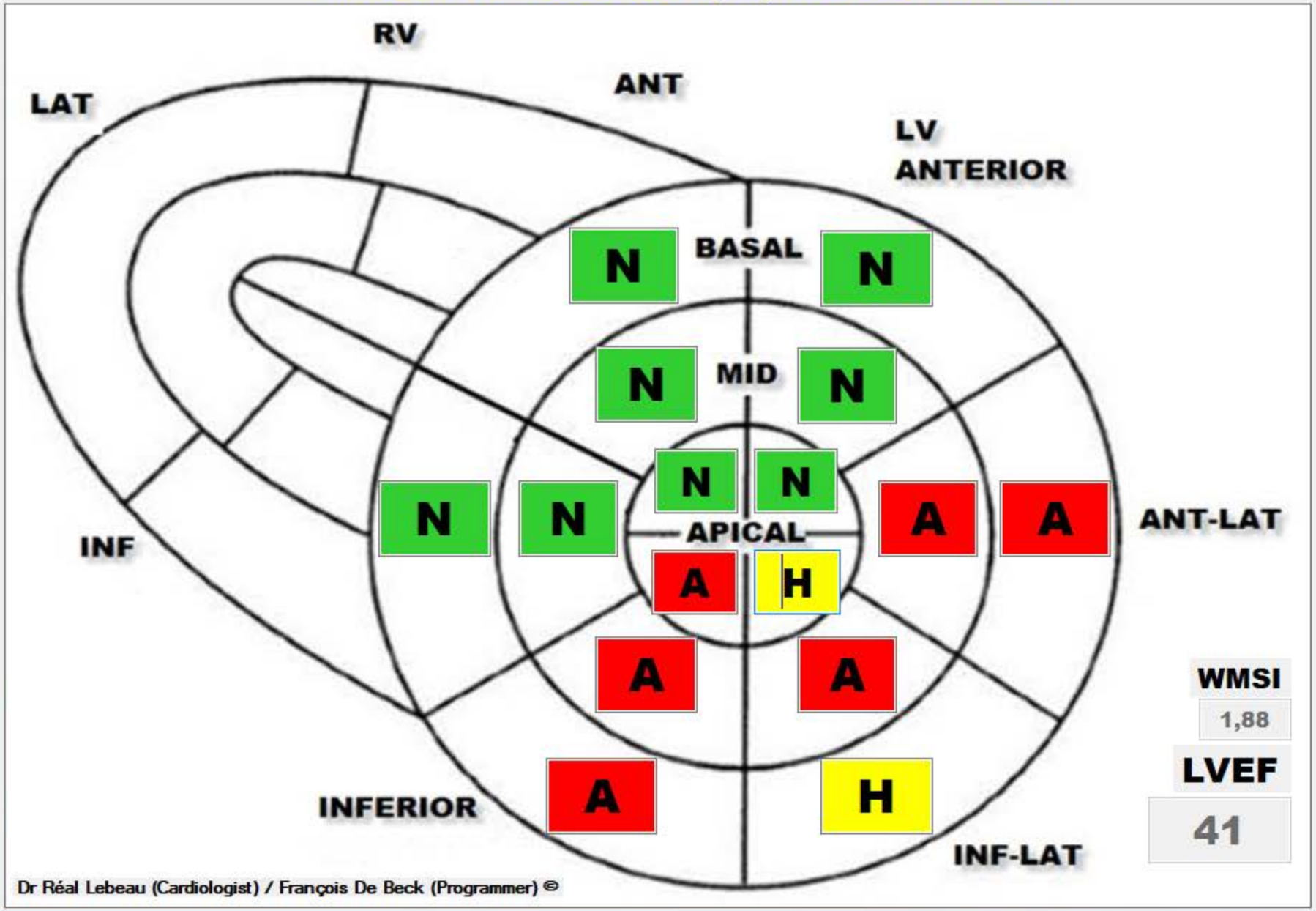
ECG.: Acute infero-postero-lateral infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

Left Ventricle

Basal #1	1
Basal #2	3
Basal #3	2
Basal #4	3
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	3
Mid #9	3
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	2
Apical #15	3
Apical #16	1

WMSI

1,88

LVEF

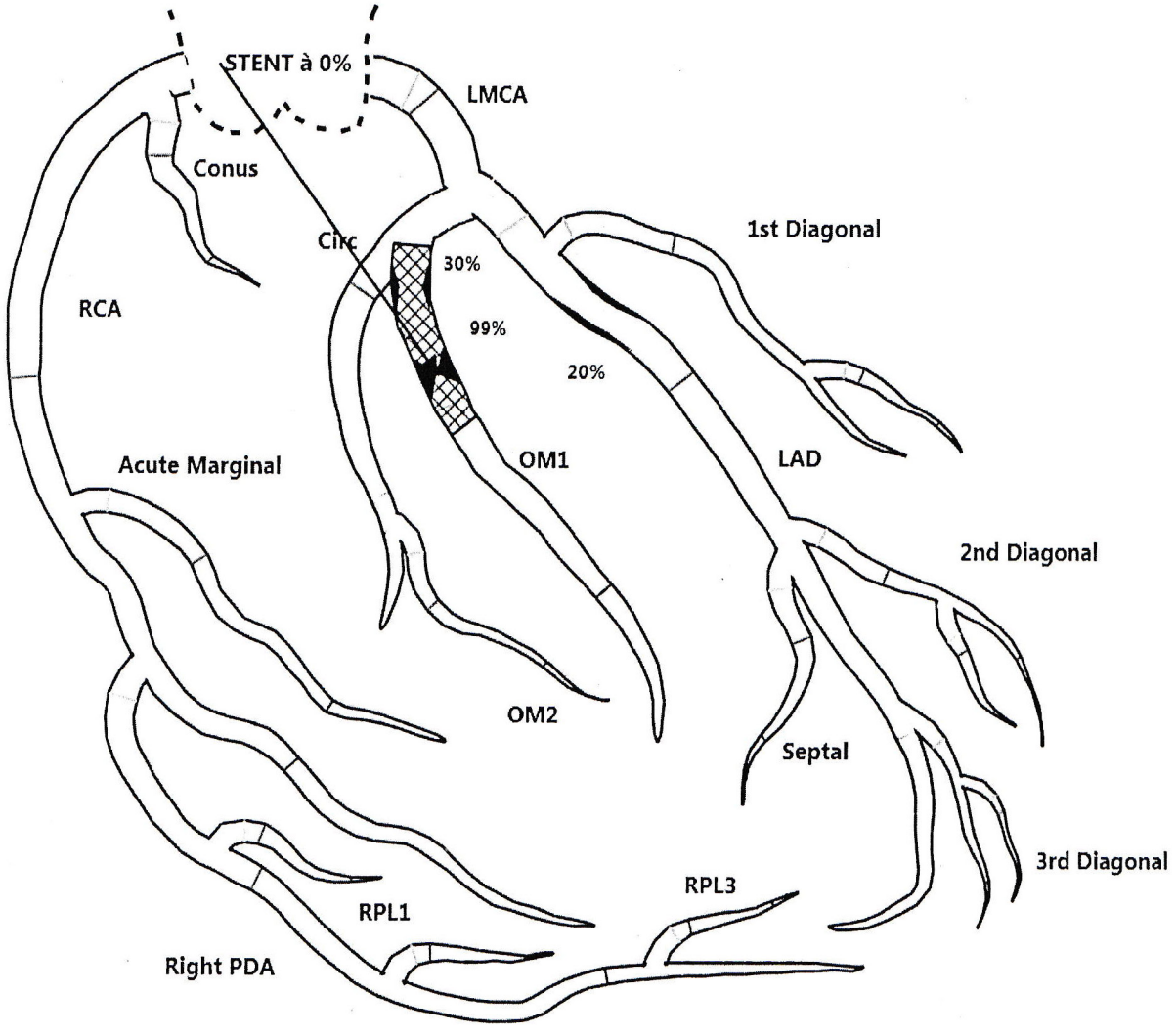
41

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 40

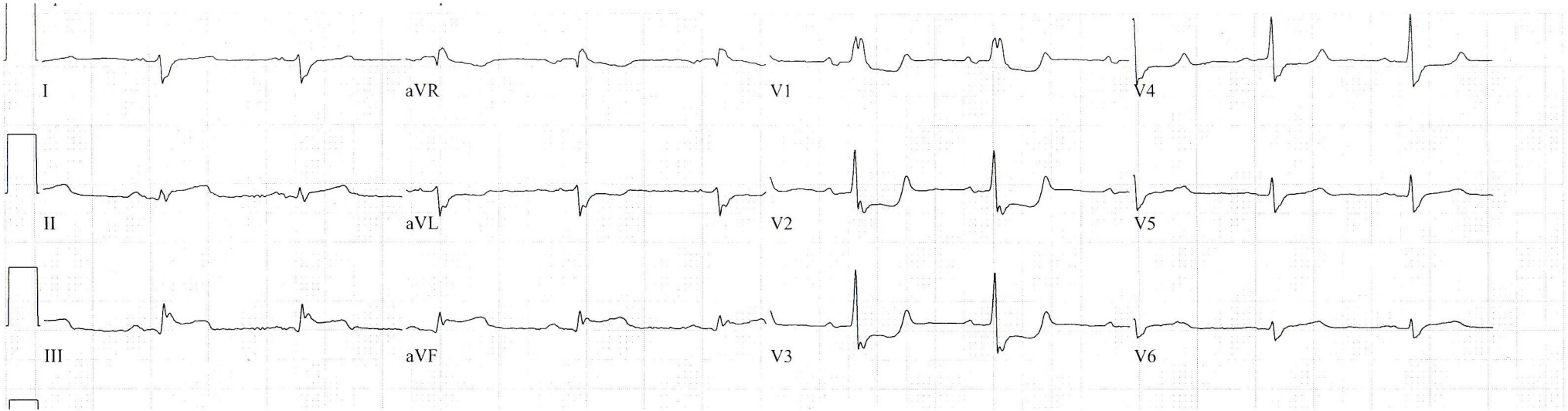
Coron.: Acute occlusion of Cx stented.



No 41

M 66y. Myocardial infarction.

ECG.: your conclusion...



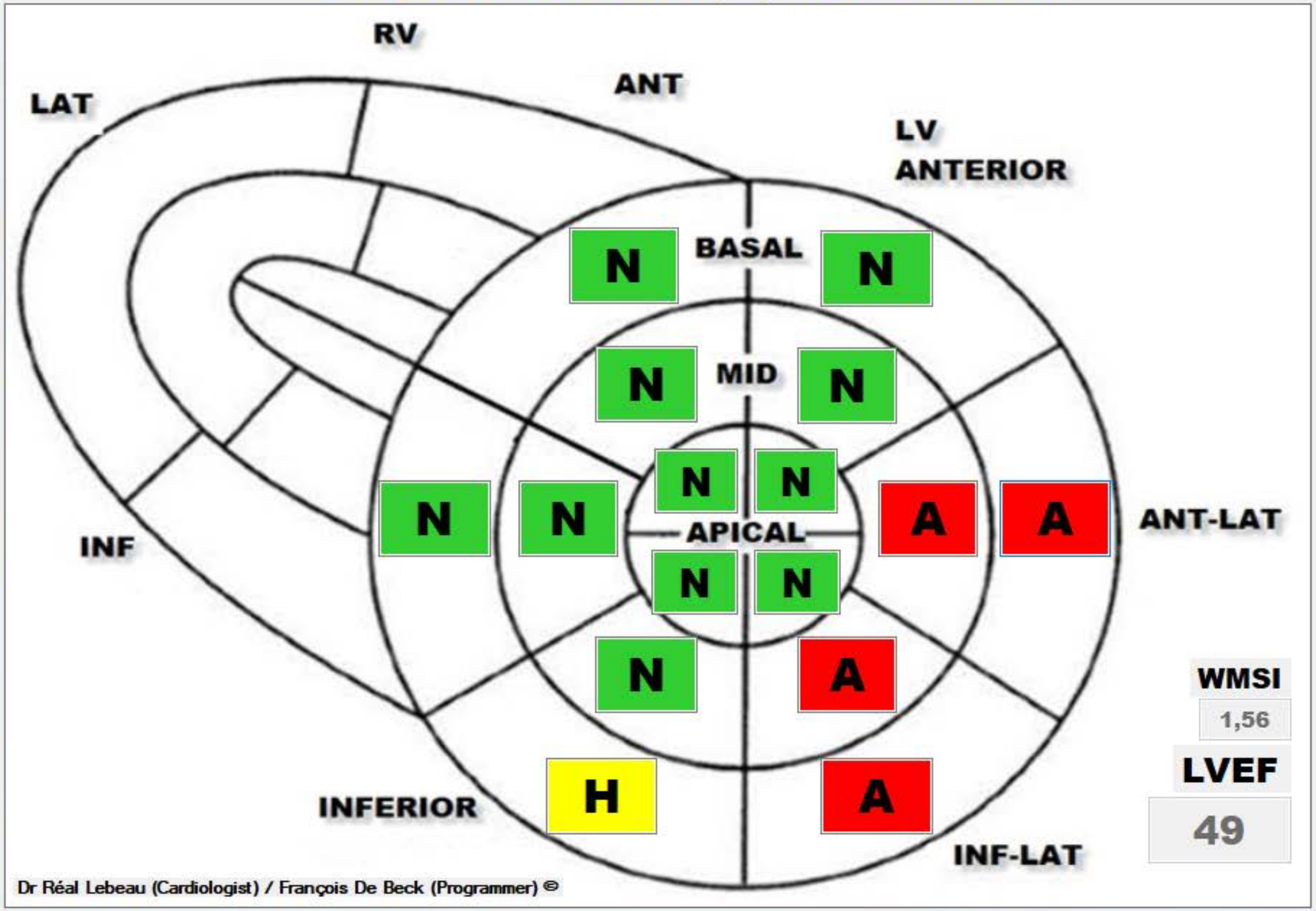
ECG.: Acute infero-posterior infarction . RBBB

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-12

NAME:

SURNAME:

BIRTH DATE: 2020-11-12

Left Ventricle

Basal #1	1
Basal #2	3
Basal #3	3
Basal #4	2
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	3
Mid #9	3
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI

1,56

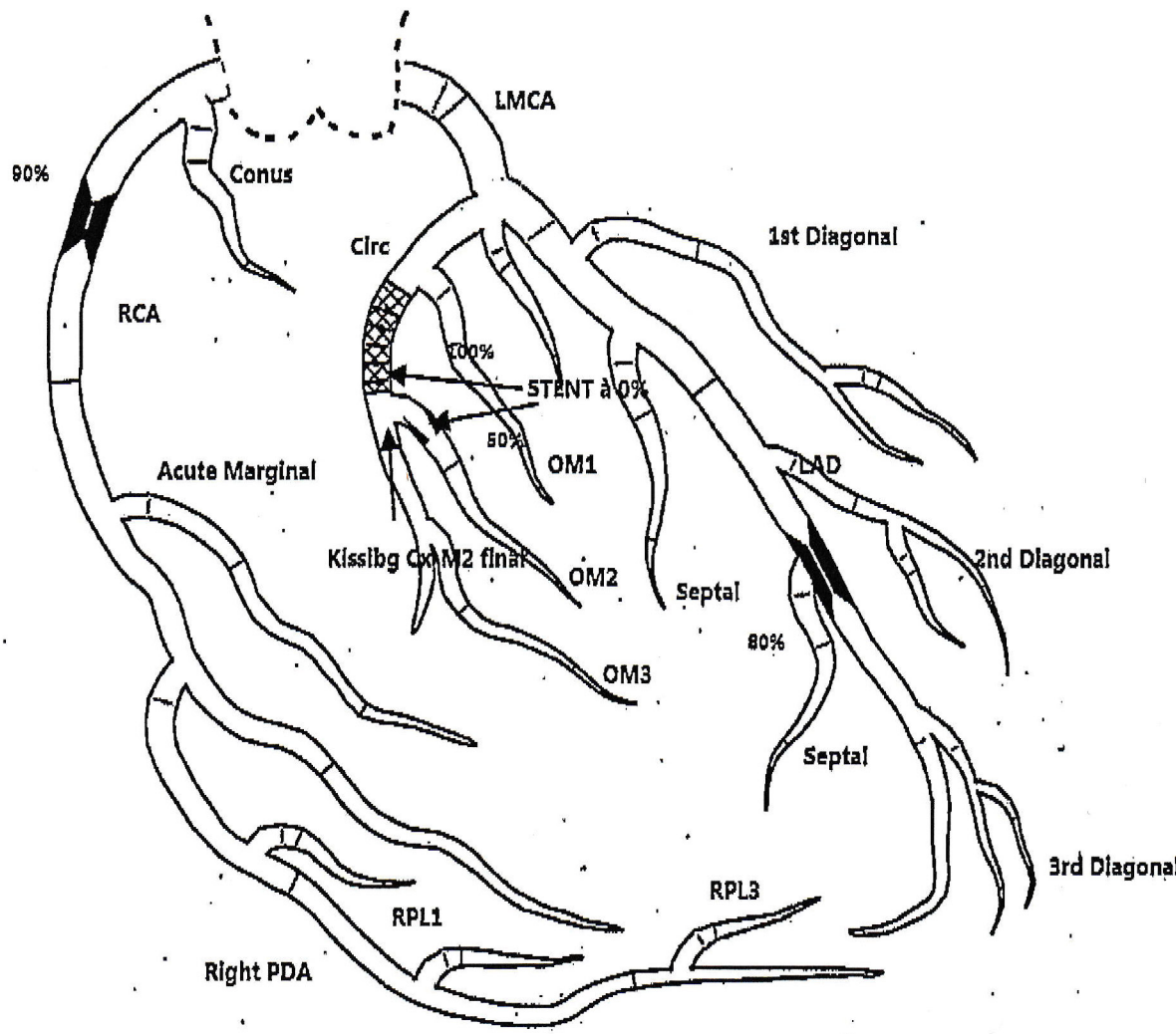
LVEF

49

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 41

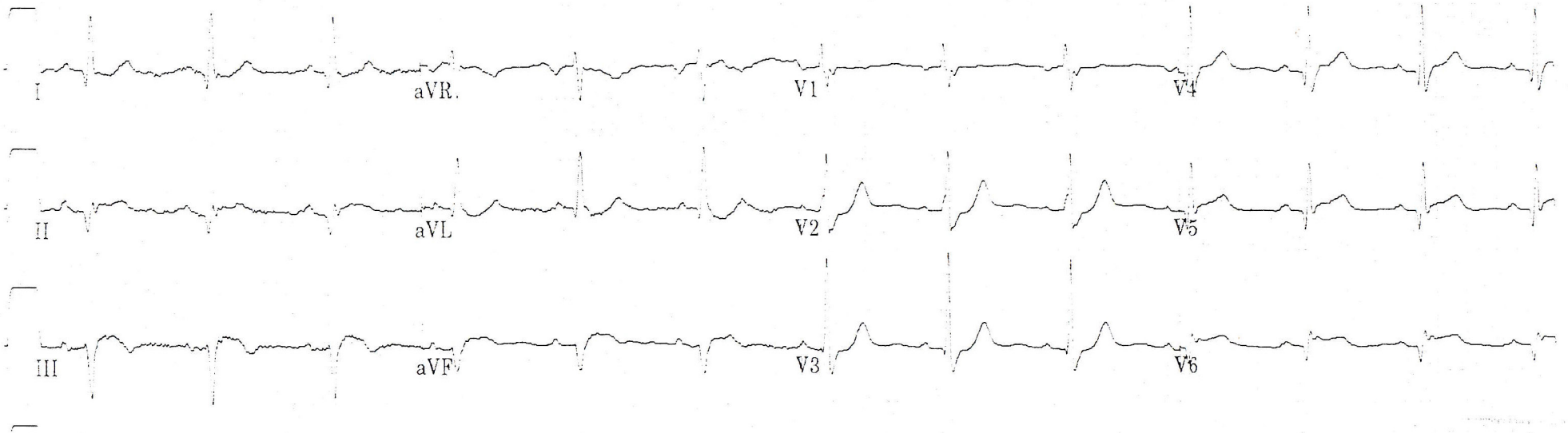
Coron.: Acute occlusion of Cx artery and severe stenosis of RCA



No 42

M 53y. Myocardial infarction.

ECG.: your conclusion...



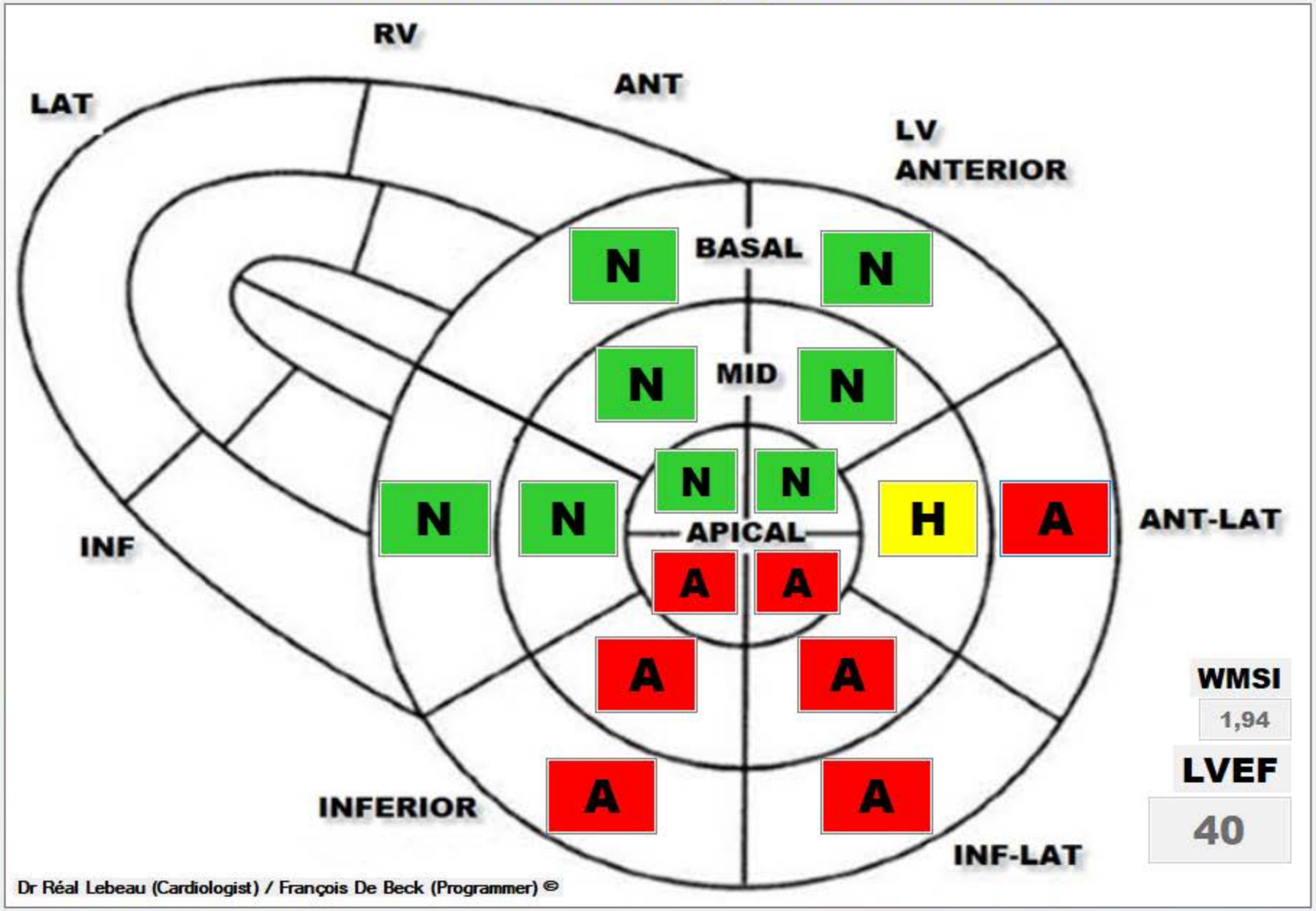
ECG.: Acute infero-postero-lateral infarction

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-04

NAME:

SURNAME:

BIRTH DATE: 2020-11-04

Left Ventricle

Basal #1	1
Basal #2	3
Basal #3	3
Basal #4	3
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	3
Apical #16	1

WMSI

1,94

LVEF

40

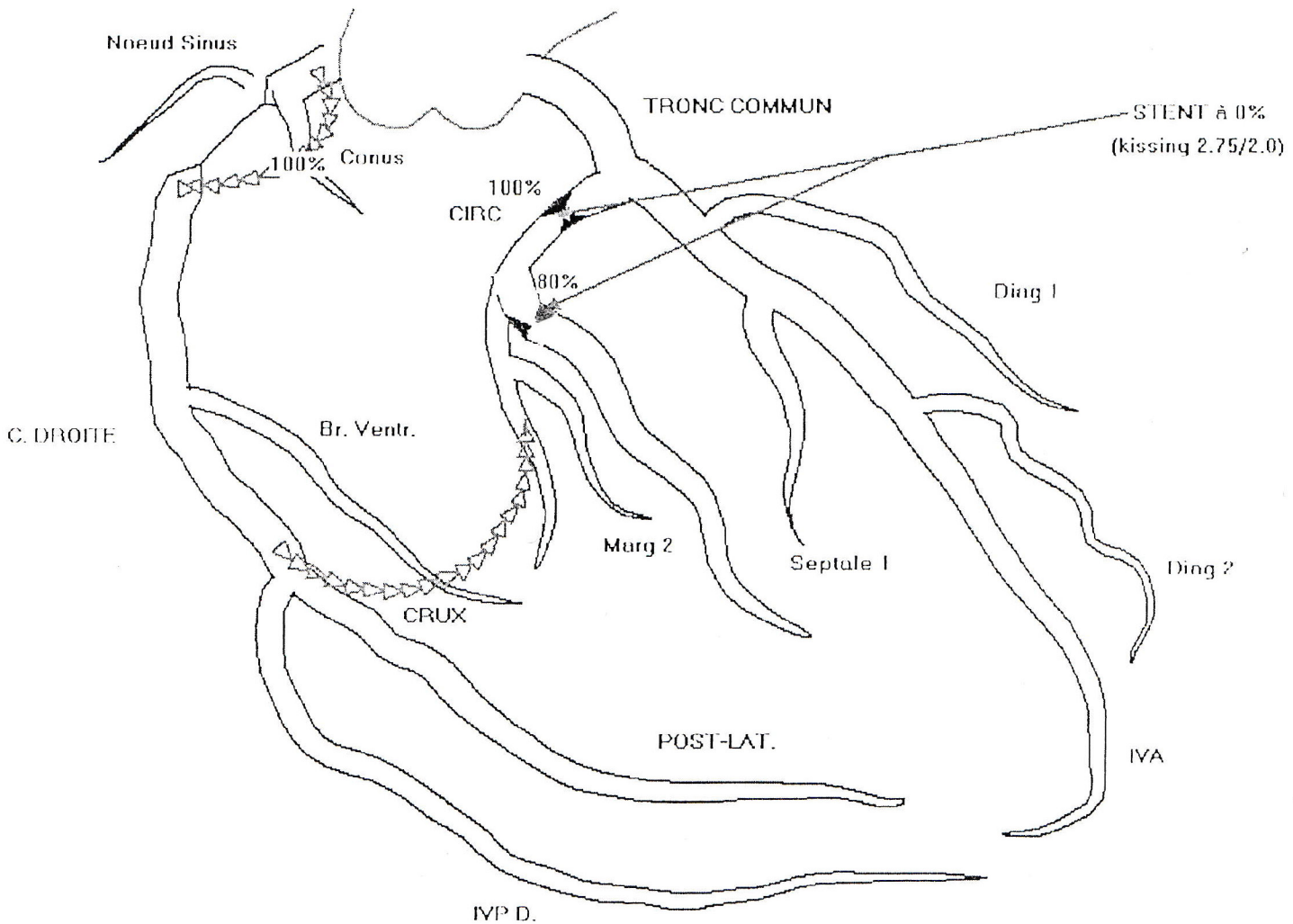
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 42

Coron.: Acute occlusion of the Cx artery stented

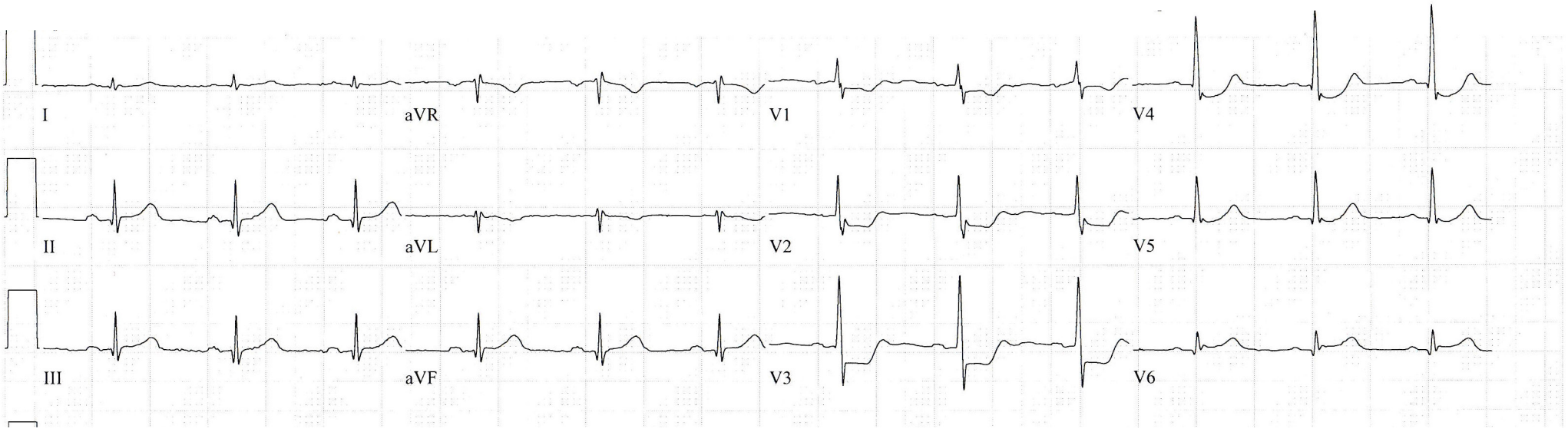
Old occlusion of RCA with collateral.



No 43

M 69y. Myocardial infarction.

ECG.: your conclusion...



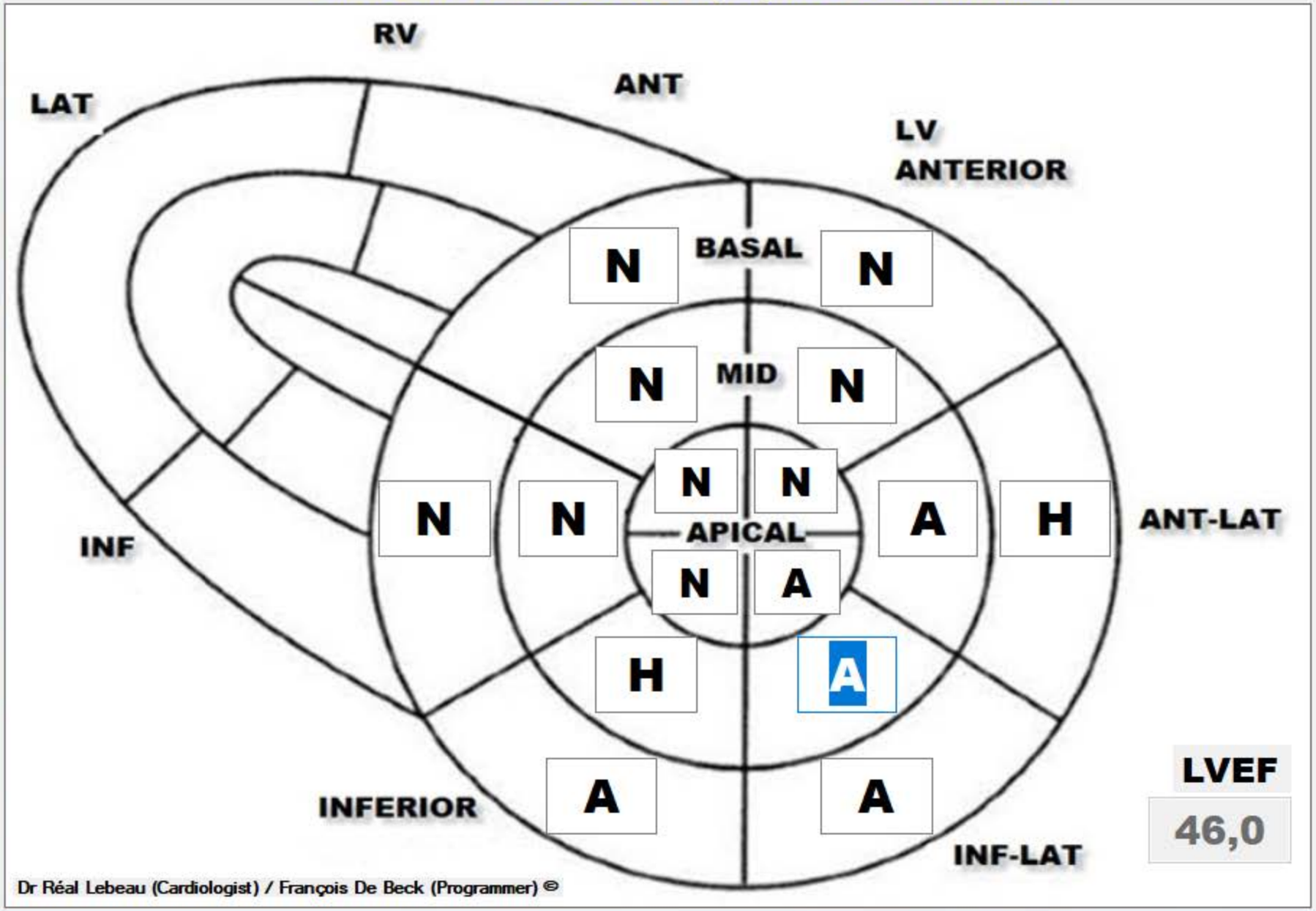
ECG.: Acute posterior infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	4 %
Basal #2	2,5 %
Basal #3	1 %
Basal #4	1 %
Basal #5	4 %
Basal #6	4 %
Mid #7	4 %
Mid #8	1 %
Mid #9	1 %
Mid #10	2,5 %
Mid #11	4 %
Mid #12	4 %
Apical #13	4 %
Apical #14	1 %
Apical #15	4 %
Apical #16	4 %

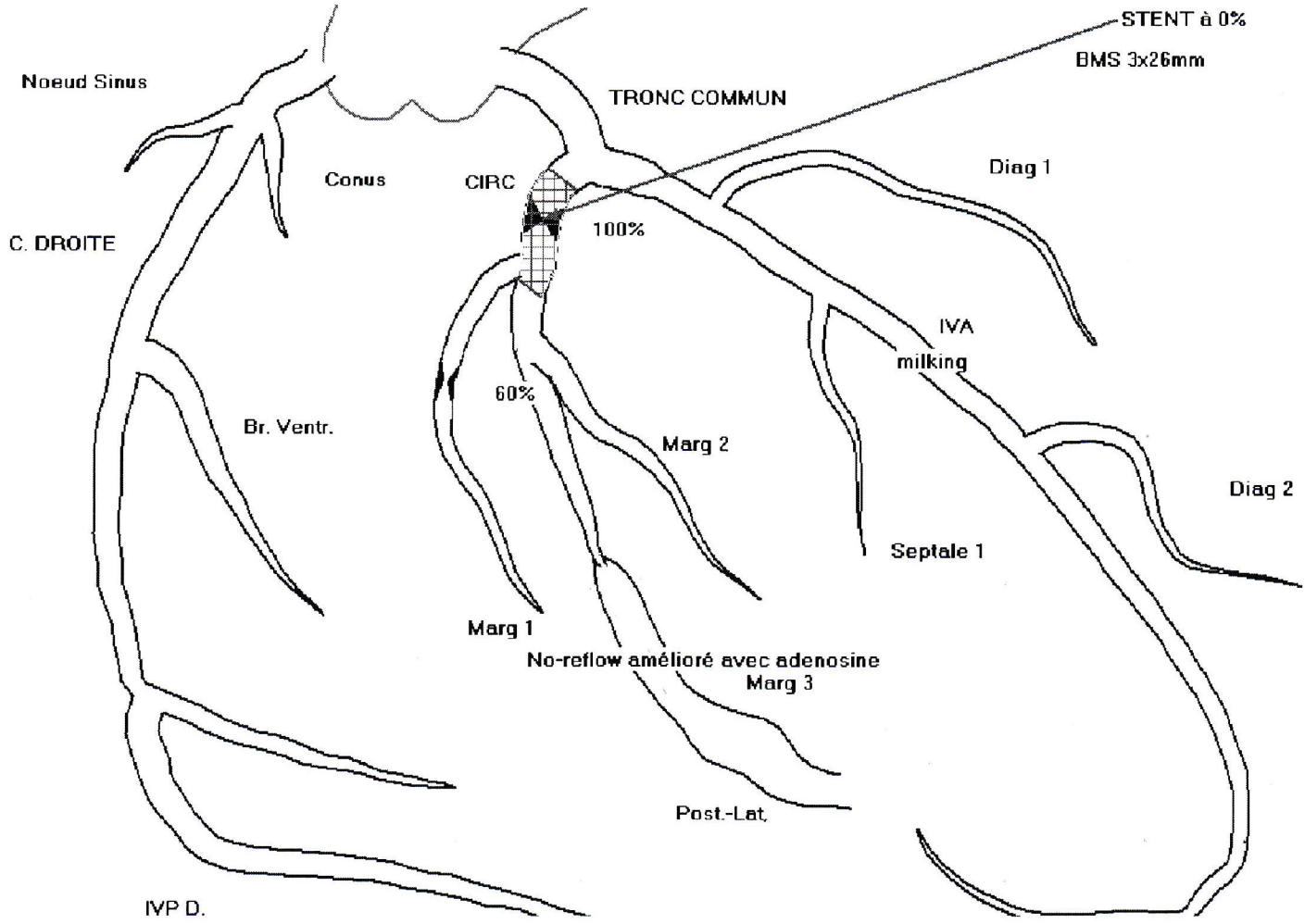
LVEF

46,0

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

No 43

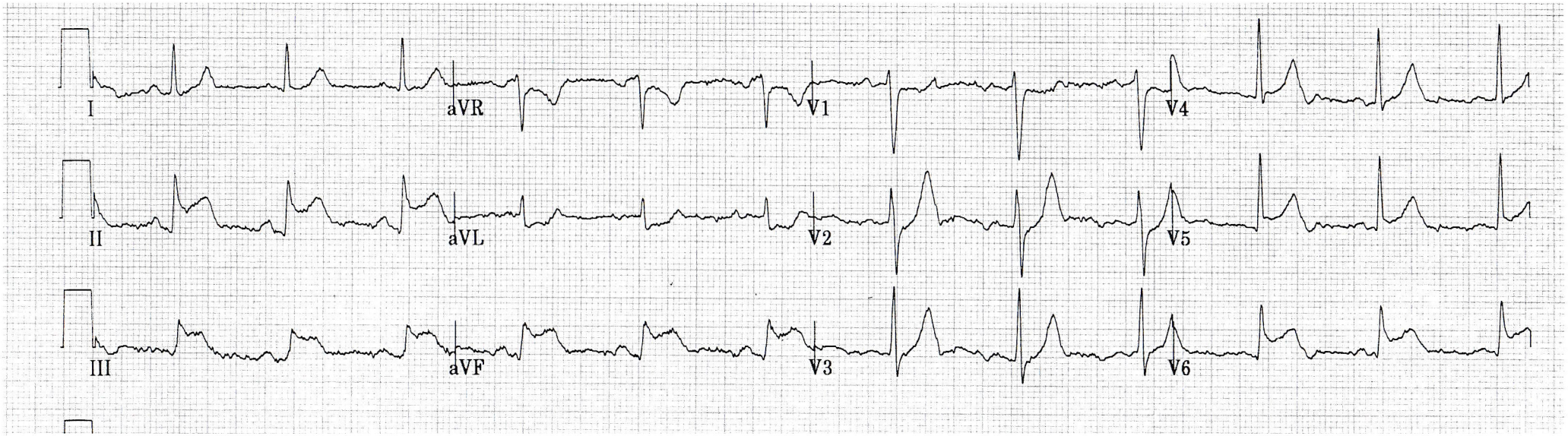
Coron.: Acute occlusion of proximal Cx



No 44

M 49y. STEMI.

ECG.: your conclusion...



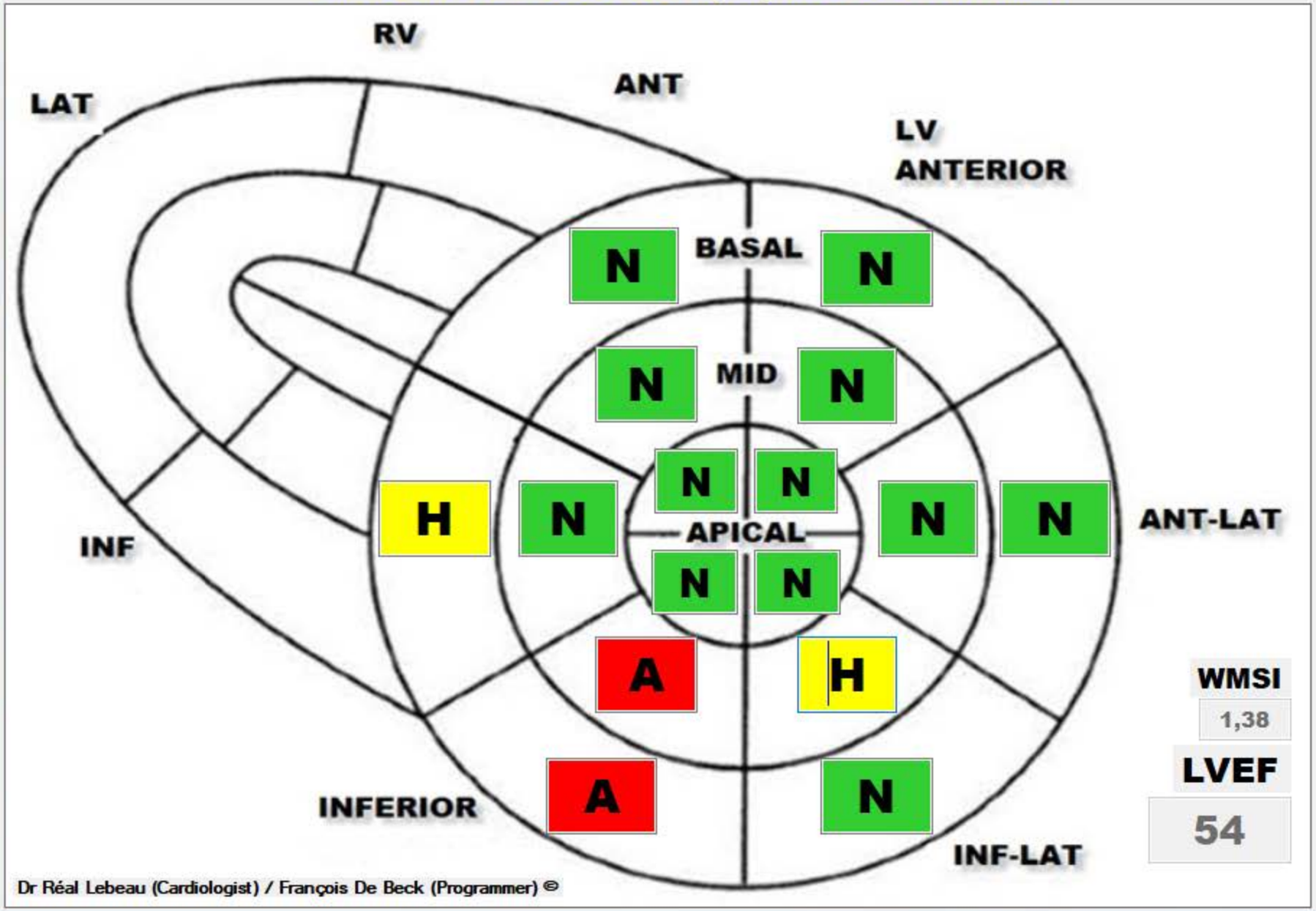
ECG.: Acute infero-lateral infarction.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	3
Basal #5	2
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI

1,38

LVEF

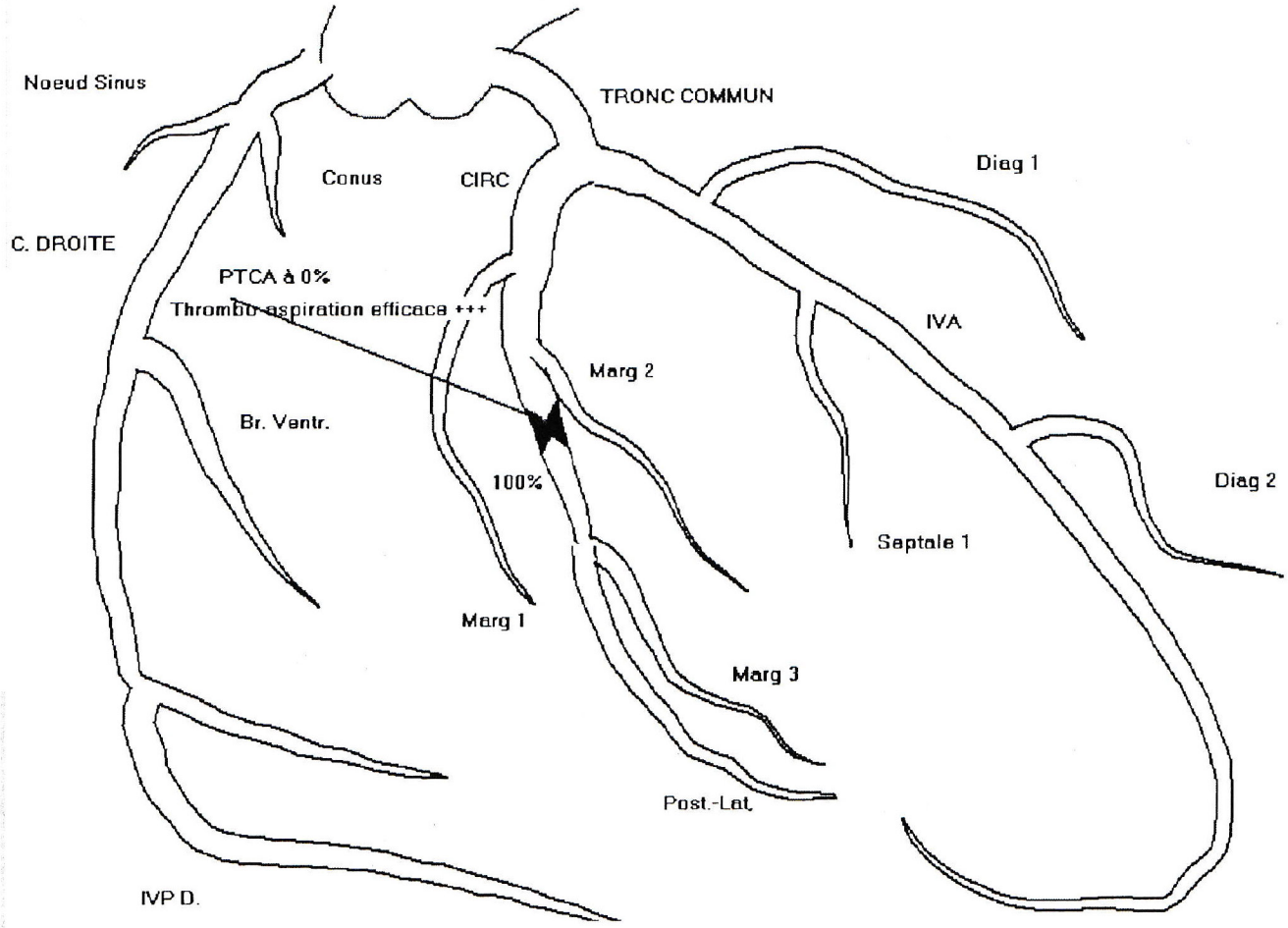
54

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No44

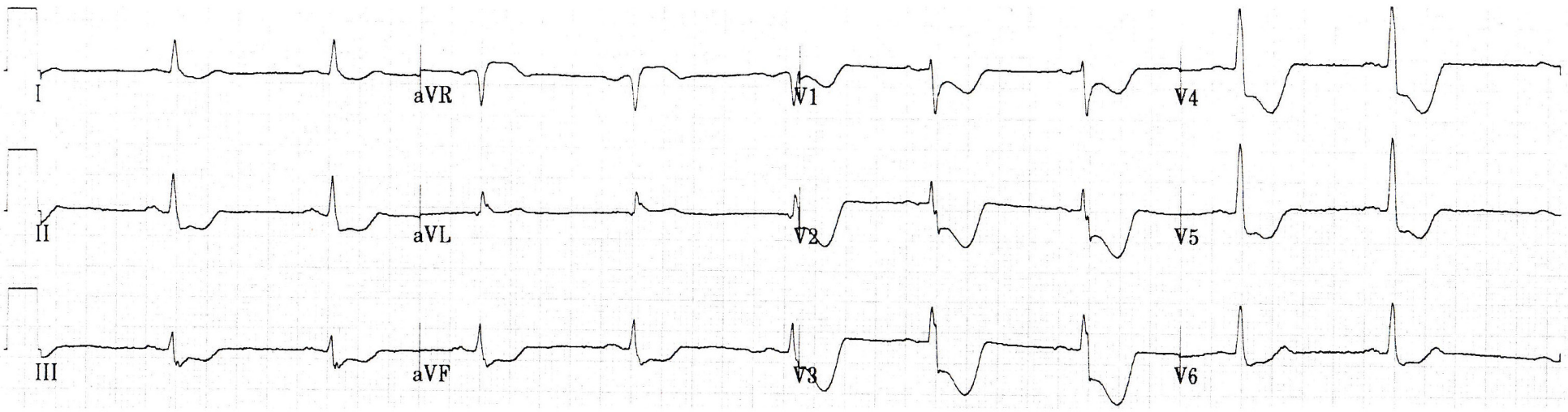
Coron.: Dilatation of Cx mid occlusion



No 45

M 73Y. Myocardial infarction.

ECG.: your opinion...



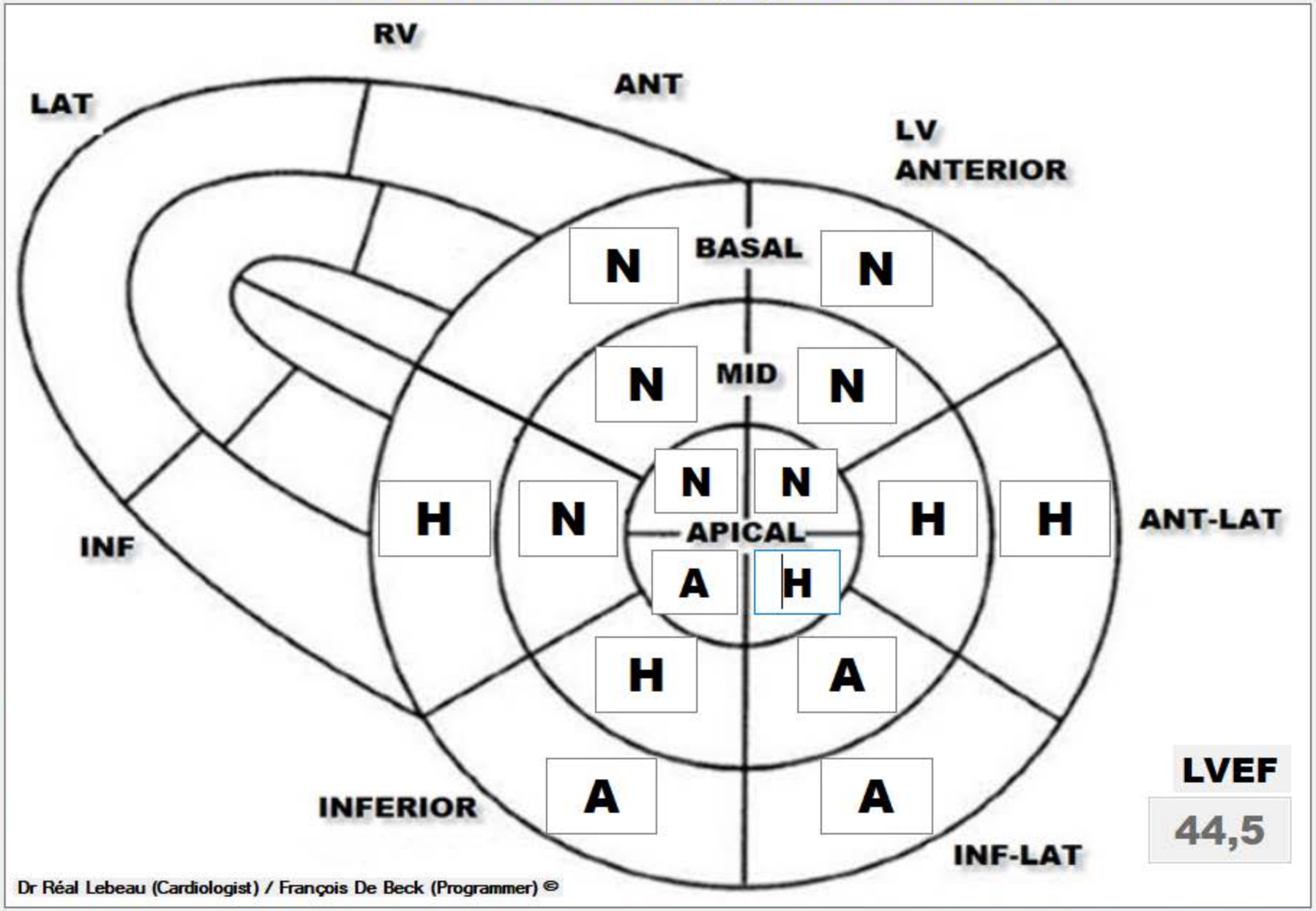
ECG.: Inferior and postero-lateral injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

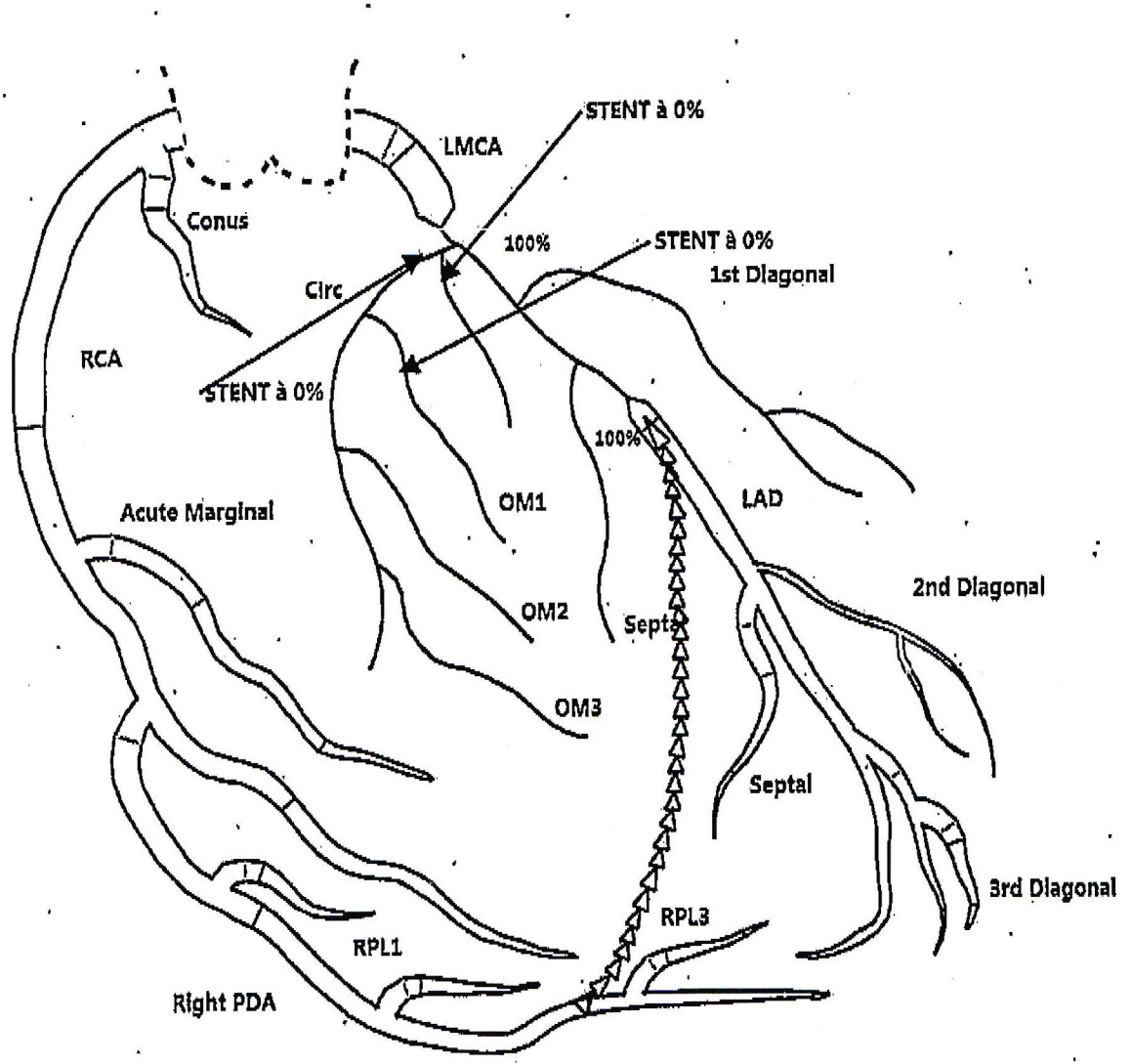
Basal #1	4 %
Basal #2	2,5 %
Basal #3	1 %
Basal #4	1 %
Basal #5	2,5 %
Basal #6	4 %
Mid #7	4 %
Mid #8	2,5 %
Mid #9	1 %
Mid #10	2,5 %
Mid #11	4 %
Mid #12	4 %
Apical #13	4 %
Apical #14	2,5 %
Apical #15	1 %
Apical #16	4 %

LVEF

44,5

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

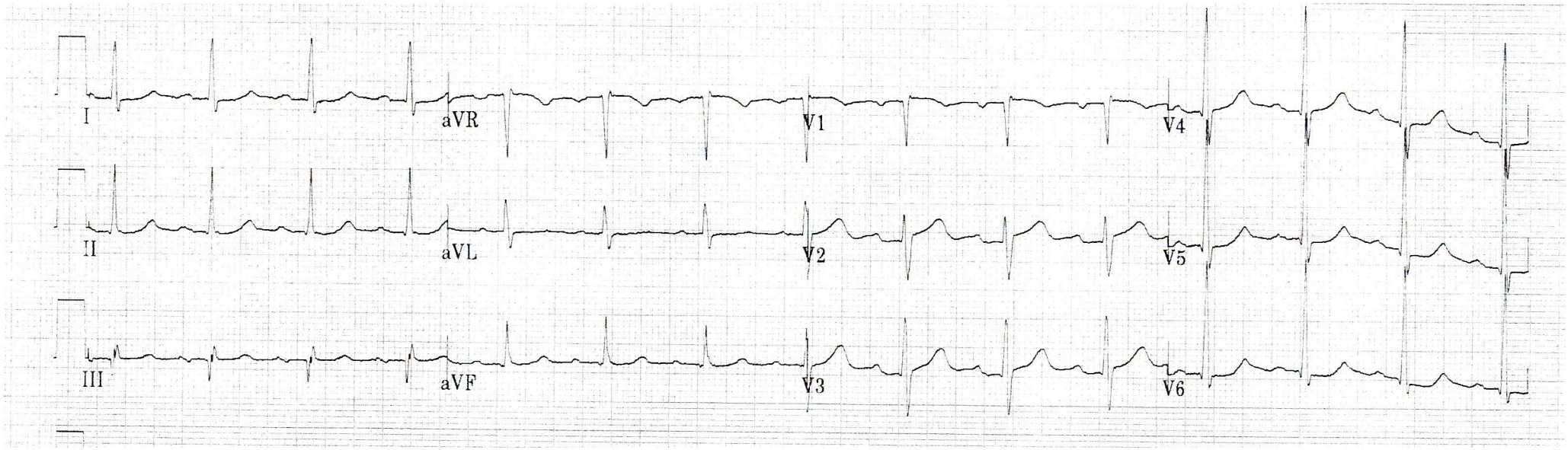
No 45
Coron.: LAD chronic occlusion with collateral.
Acute occlusion of Cx stented...



No 46

M 75y. Ischemic heart disease.

ECG,: your conclusion...



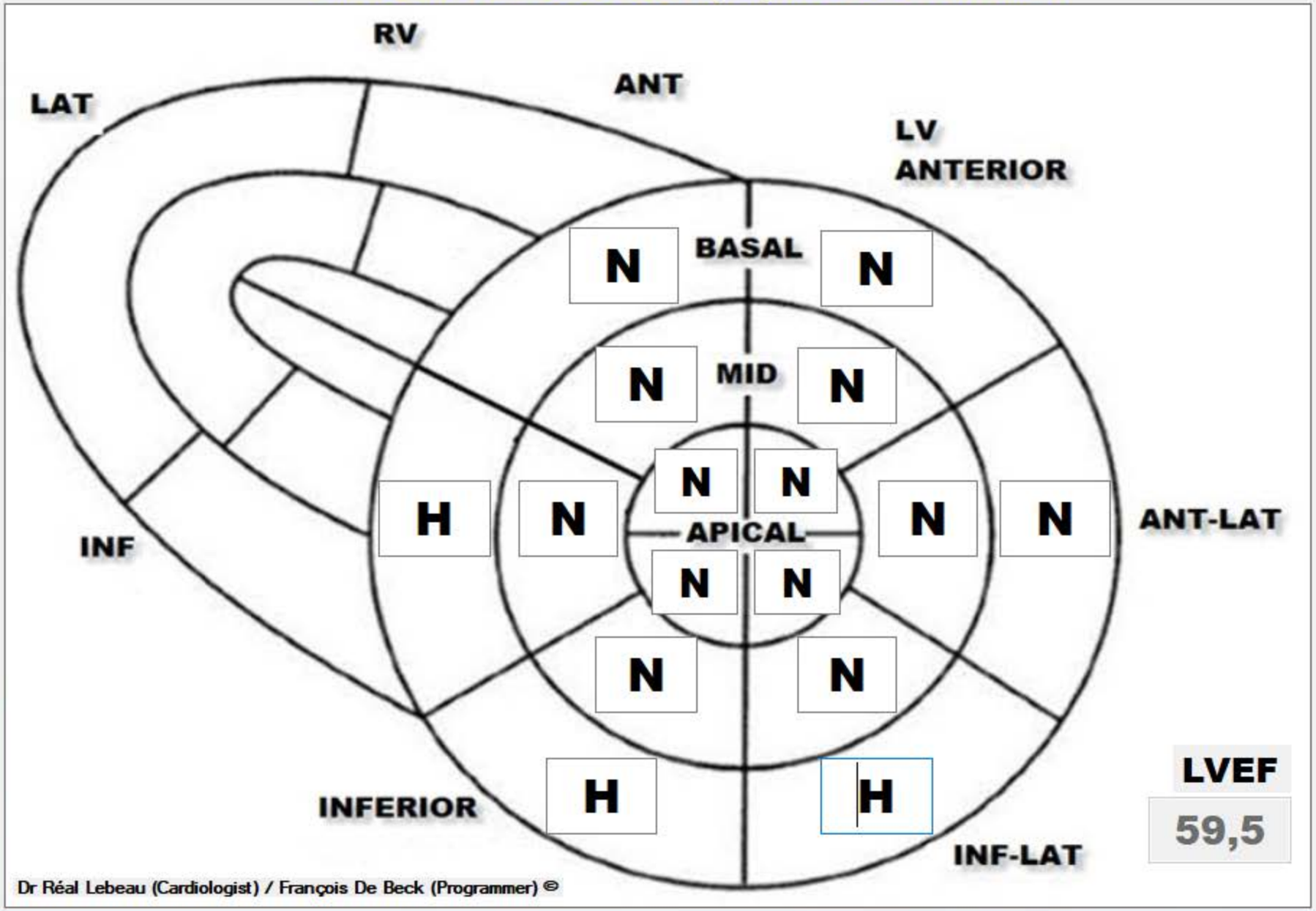
ECG.: Non specific ST (limit of normal)

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

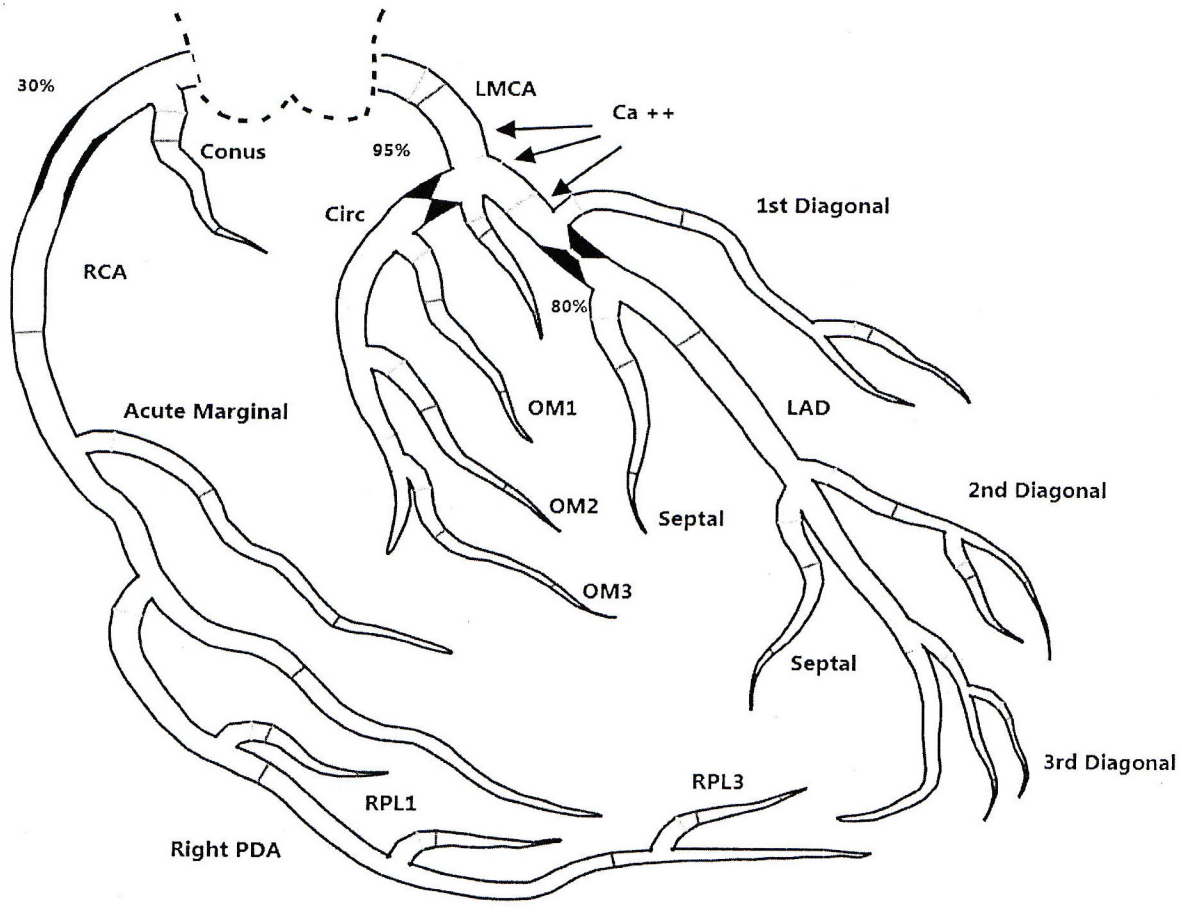
Basal #1	4 %
Basal #2	4 %
Basal #3	2,5 %
Basal #4	2,5 %
Basal #5	2,5 %
Basal #6	4 %
Mid #7	4 %
Mid #8	4 %
Mid #9	4 %
Mid #10	4 %
Mid #11	4 %
Mid #12	4 %
Apical #13	4 %
Apical #14	4 %
Apical #15	4 %
Apical #16	4 %

LVEF

59,5

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

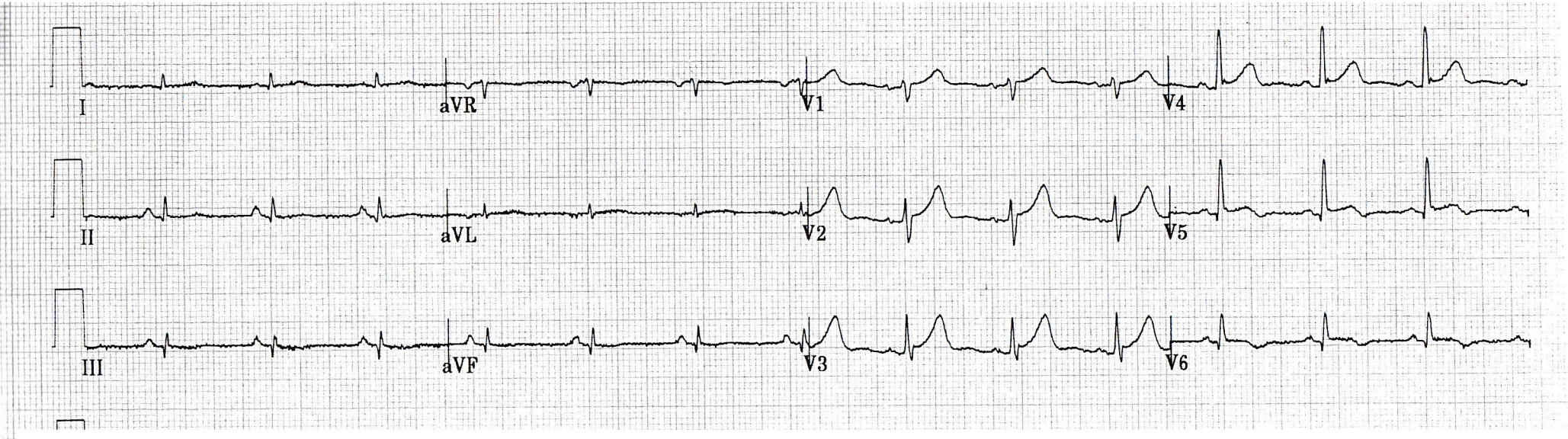
No 46
Coron.:Severe stenosis of Cx and LAD.
Consultation in cardiac surgery



No 46

M 59y. Angina.

ECG .: your conclusion...



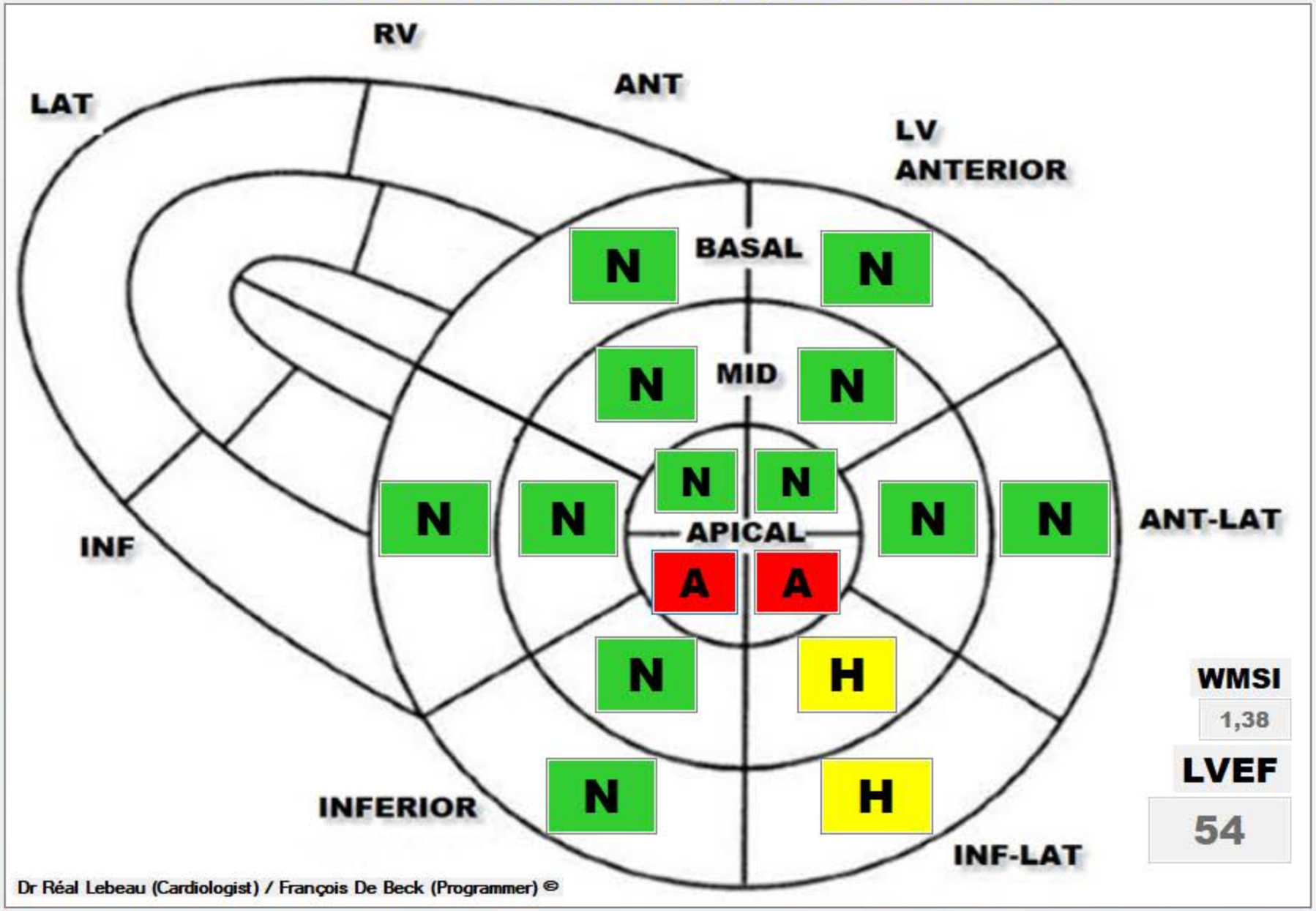
ECG.: Lateral injury

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	2
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	3
Apical #15	3
Apical #16	1

WMSI

1,38

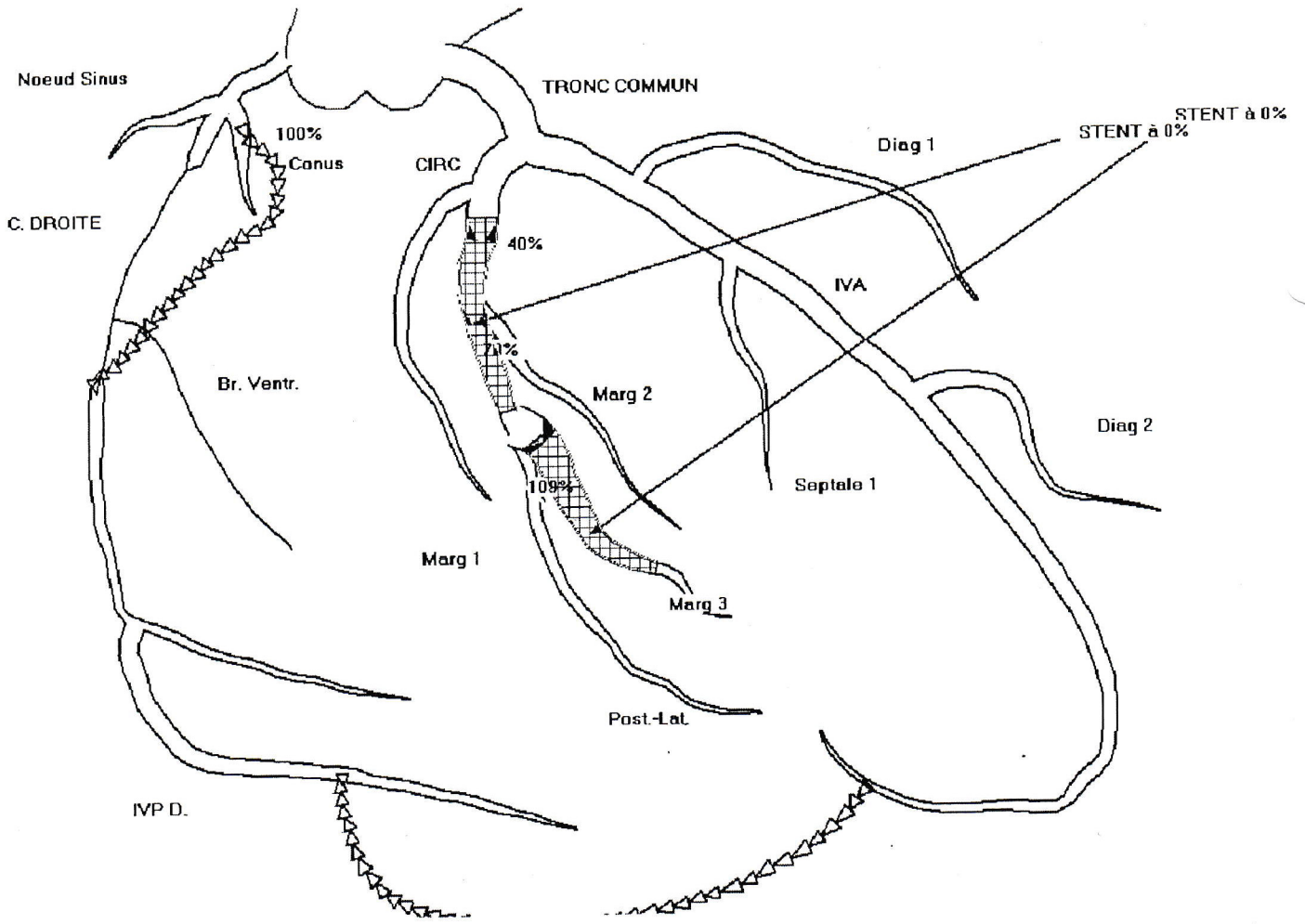
LVEF

54

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

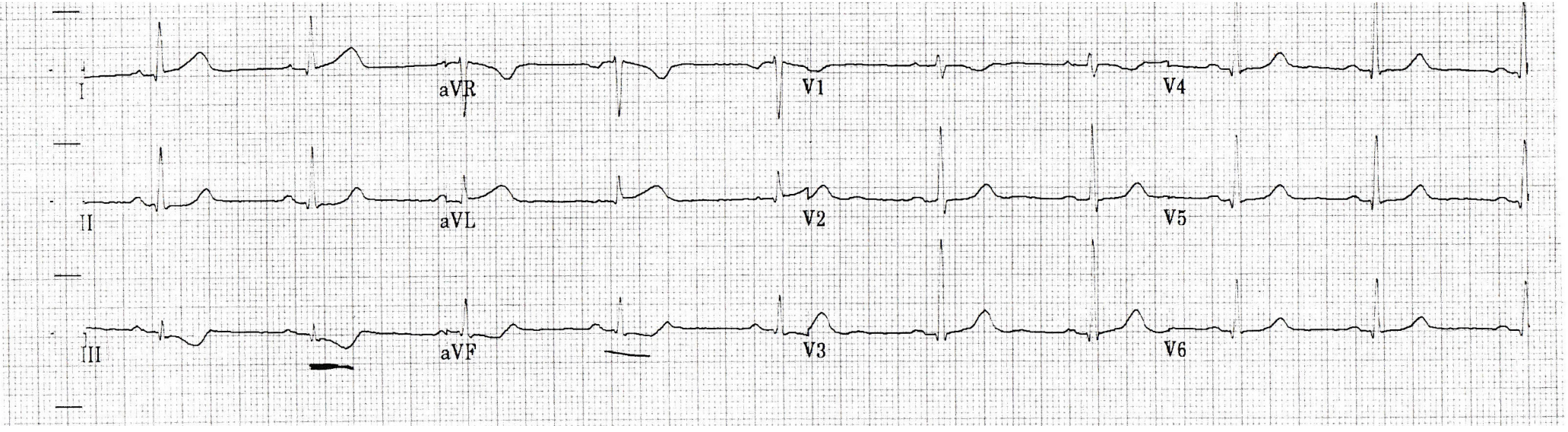
No 47
Coron.: Acute M3 occlusion stented.
Severe Cx stenosis stented.
Chronic occlusion of RCA with collateral.



No 48

F 63y. Myocardial infarction.

ECG.: your conclusion...



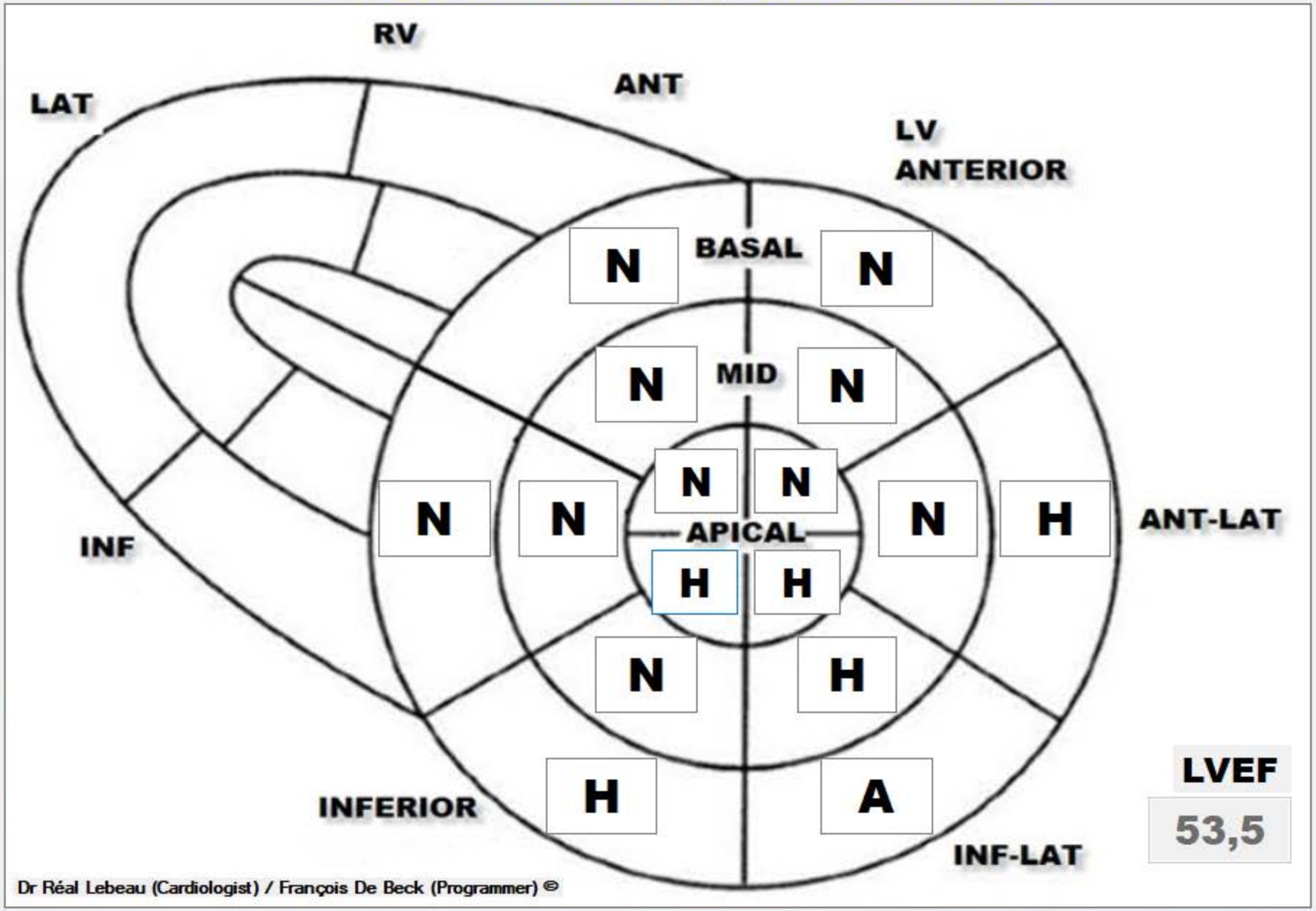
ECG.: Inferior ischemia.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

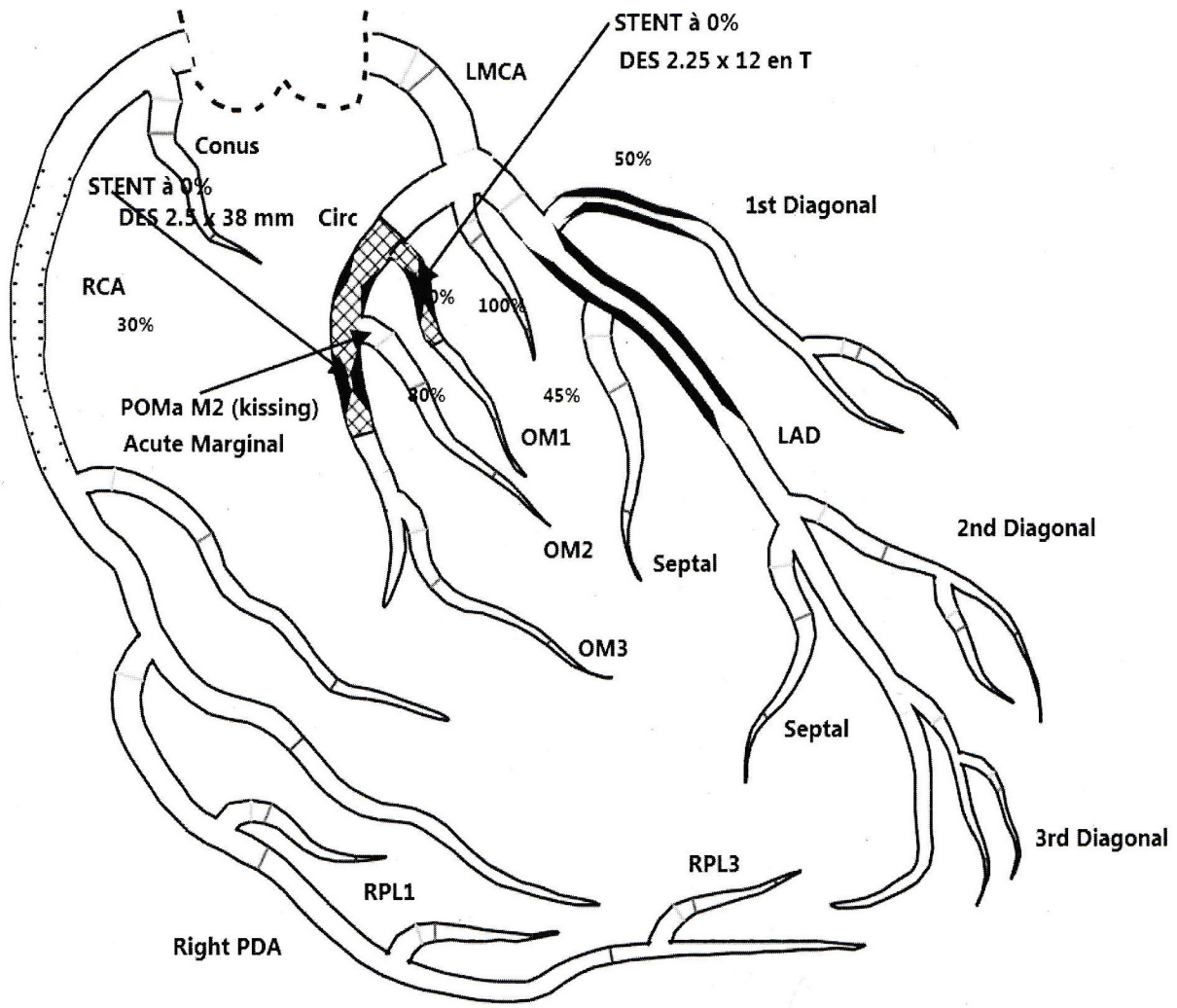
Basal #1	4 %
Basal #2	2,5 %
Basal #3	1 %
Basal #4	2,5 %
Basal #5	4 %
Basal #6	4 %
Mid #7	4 %
Mid #8	4 %
Mid #9	2,5 %
Mid #10	4 %
Mid #11	4 %
Mid #12	4 %
Apical #13	4 %
Apical #14	2,5 %
Apical #15	2,5 %
Apical #16	4 %

LVEF

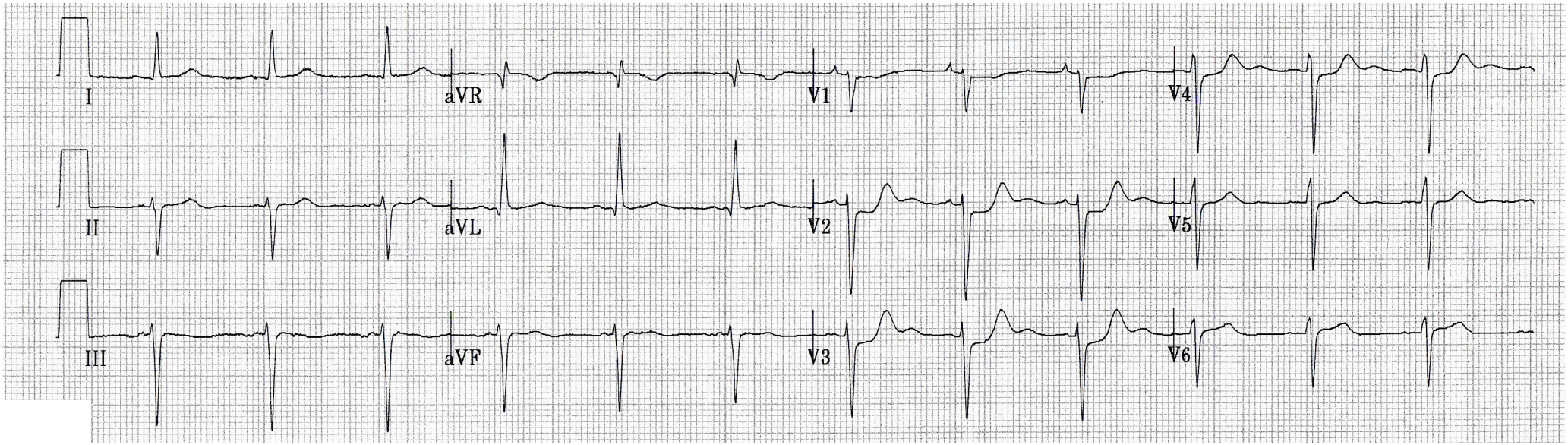
53,5

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

No 48
Coron.: Acute M1 occlusion stented.
Severe stenosis of Cx stented.



No 49
M57y. Nonstemi
ECG .: your opinion...



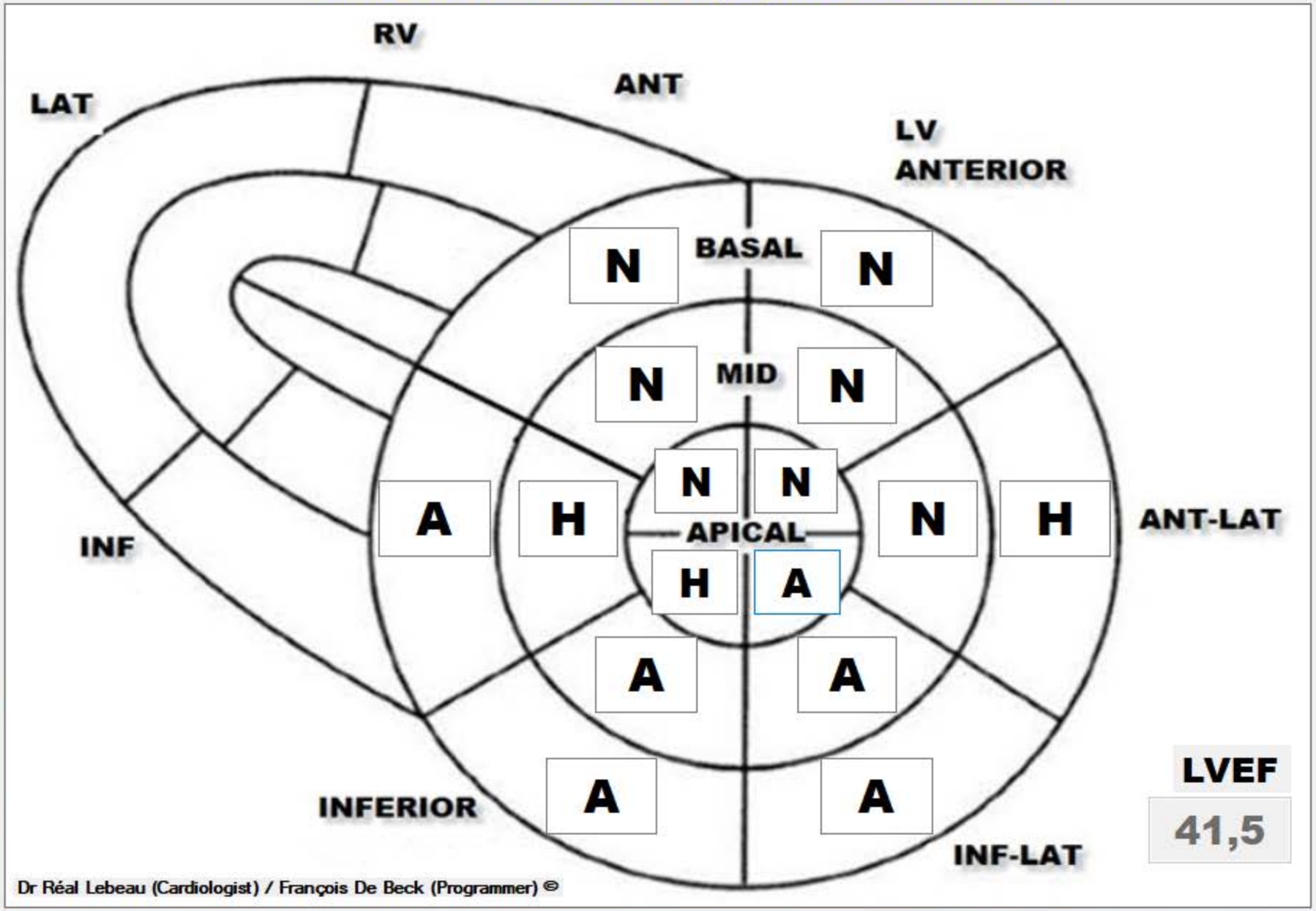
ECG.: Possible posterior or anterior injury.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	4 %
Basal #2	2,5 %
Basal #3	1 %
Basal #4	1 %
Basal #5	1 %
Basal #6	4 %
Mid #7	4 %
Mid #8	4 %
Mid #9	1 %
Mid #10	1 %
Mid #11	2,5 %
Mid #12	4 %
Apical #13	4 %
Apical #14	1 %
Apical #15	2,5 %
Apical #16	4 %

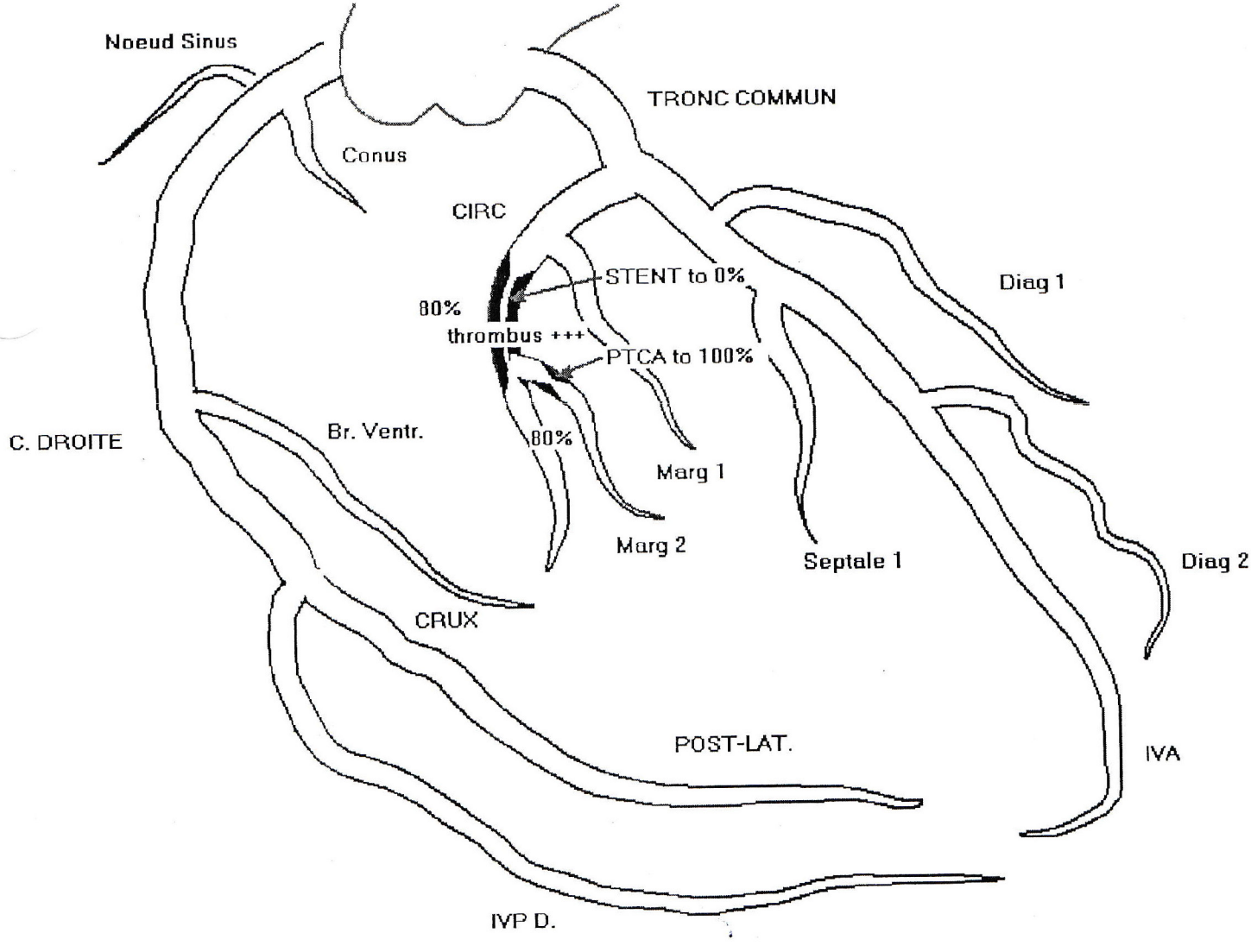
LVEF

41,5

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

No 49

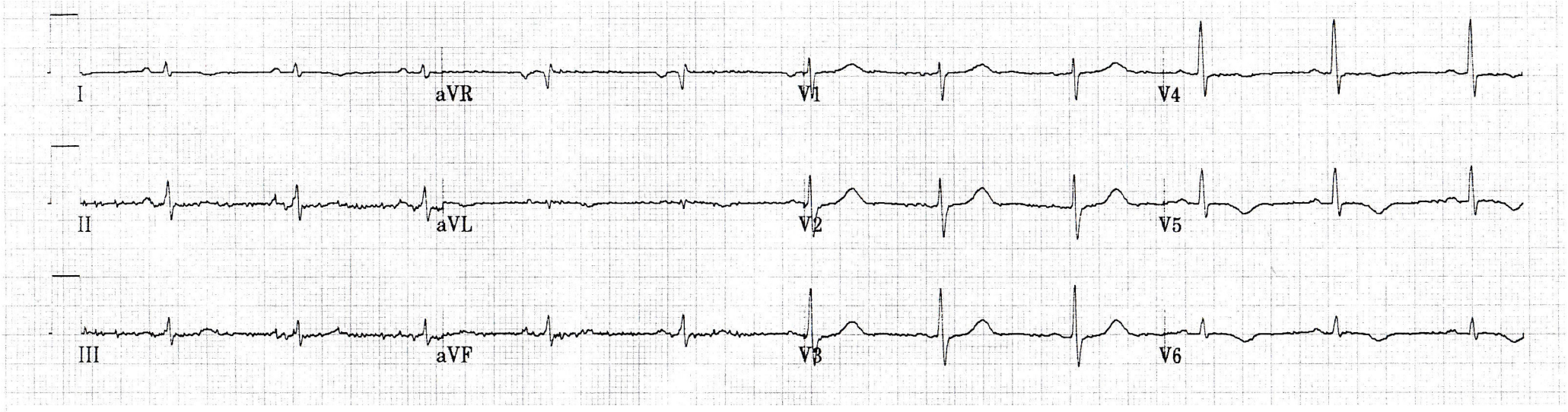
Coron.: Acute occlusion of Cx stented.



No 50

F 60y. Ischemic heart disease.

ECG.: your conclusion...



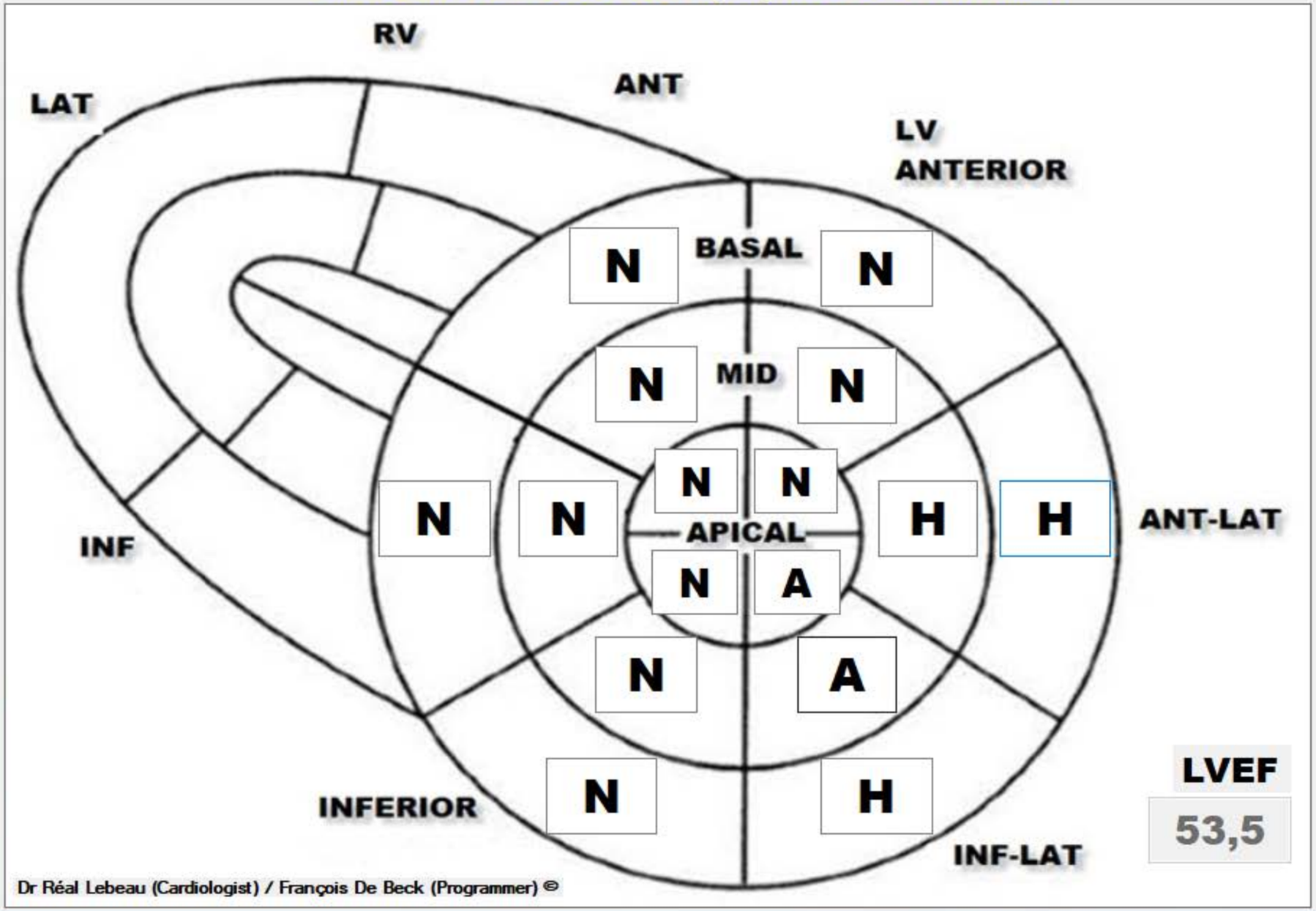
ECG.:Lateral ischemia.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



16 EF Score Model

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	4 %
Basal #2	2,5 %
Basal #3	2,5 %
Basal #4	4 %
Basal #5	4 %
Basal #6	4 %
Mid #7	4 %
Mid #8	2,5 %
Mid #9	1 %
Mid #10	4 %
Mid #11	4 %
Mid #12	4 %
Apical #13	4 %
Apical #14	1 %
Apical #15	4 %
Apical #16	4 %

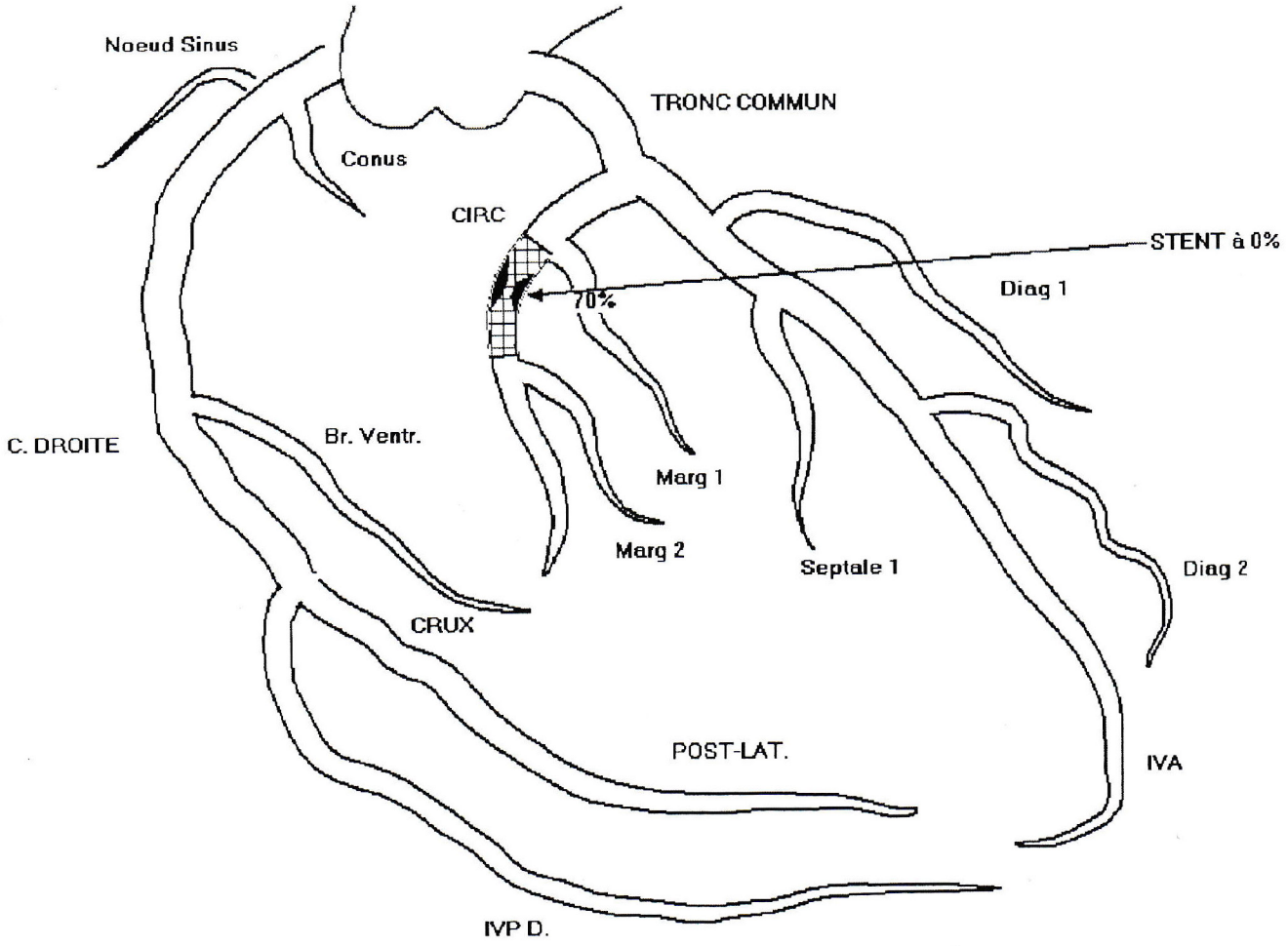
LVEF

53,5

Ref.: Echo Research And Practice June 2018 Vol. 5-2 p. 63-69

No 50

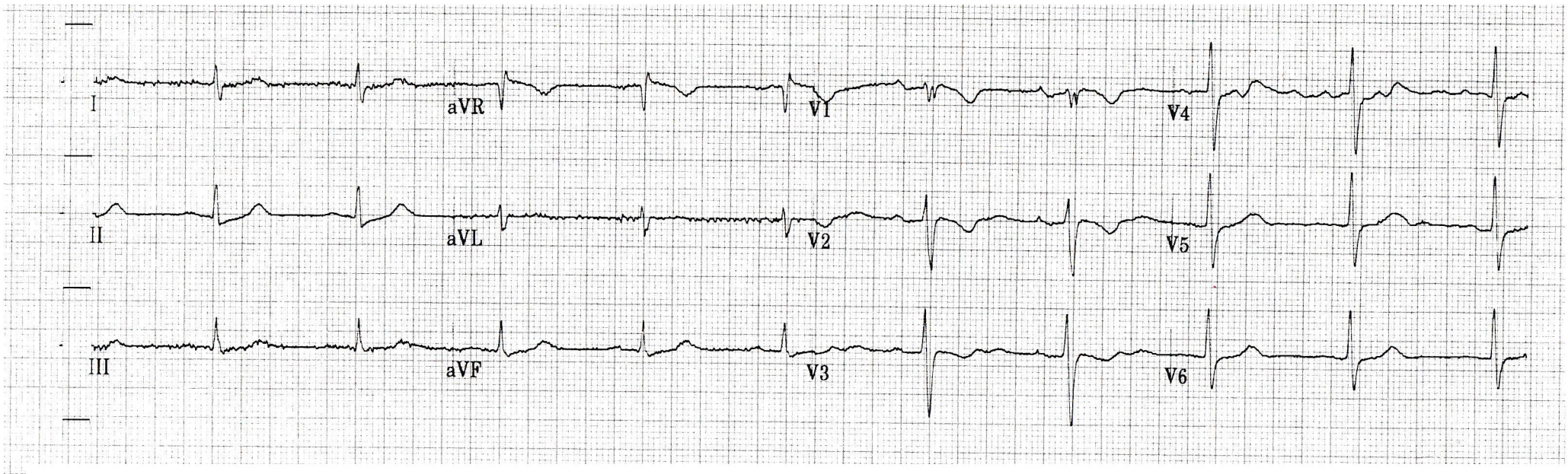
Coron.: Proximal significant stenosis of Cx stented.



No 51

M 69y. Ischemic heart disease.

ECG.: your conclusion...



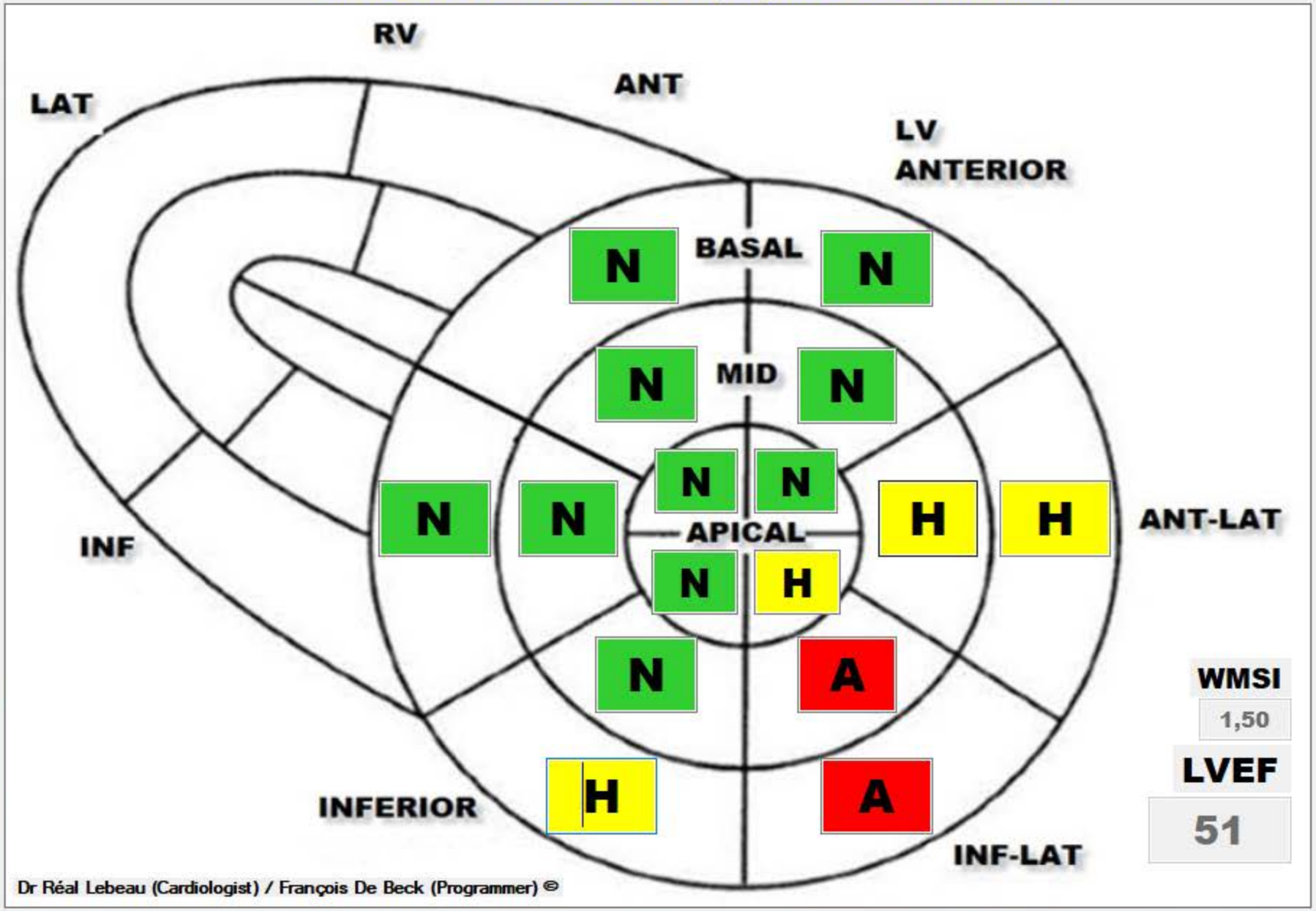
ECG.: Antero septal ischemia.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-05

NAME:

SURNAME:

BIRTH DATE: 2020-11-05

Left Ventricle

Basal #1	1
Basal #2	2
Basal #3	3
Basal #4	2
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	2
Mid #9	3
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	2
Apical #15	1
Apical #16	1

WMSI

1,50

LVEF

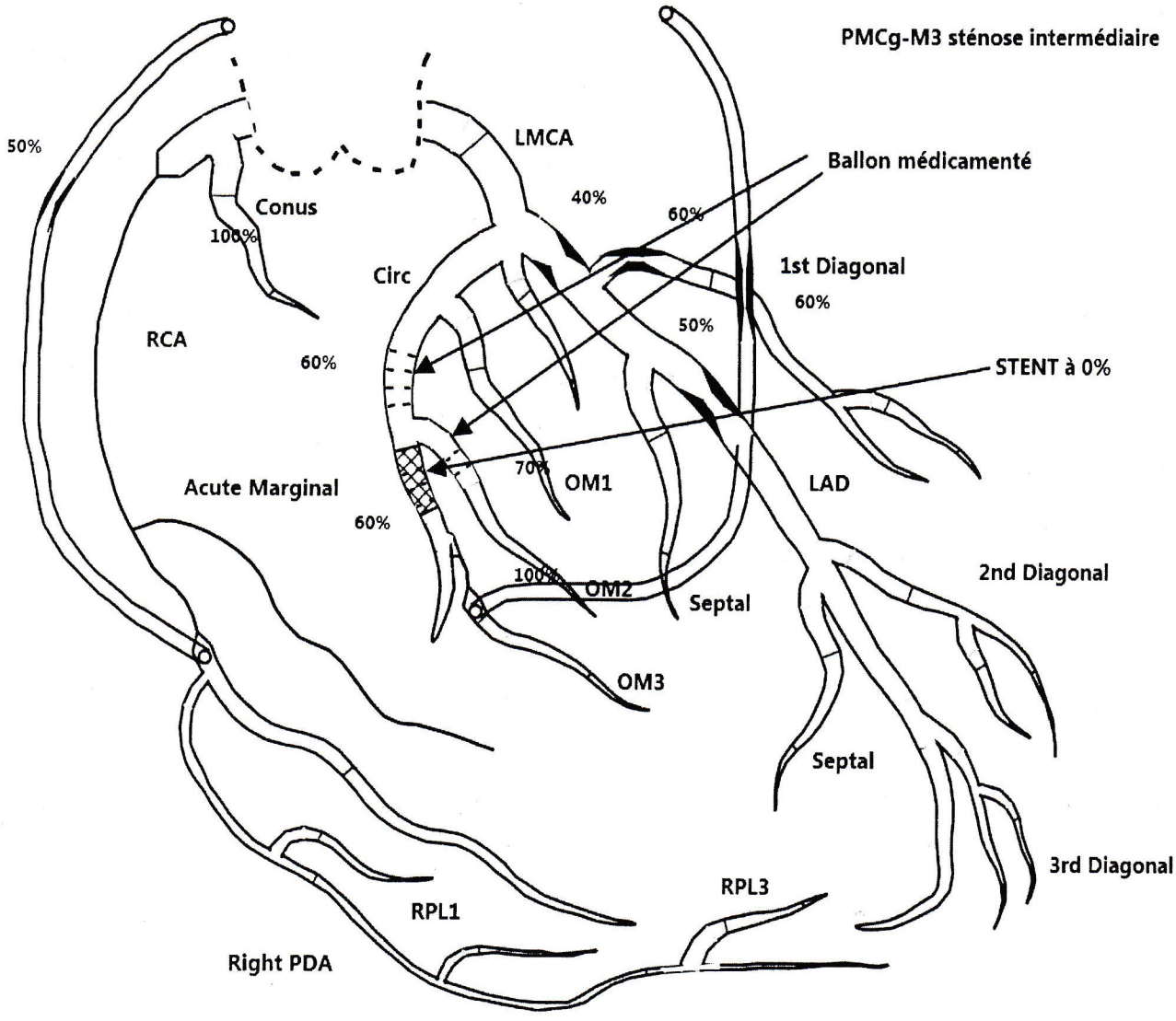
51

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 51

Coron.: Cx intra stent restenosis stented.



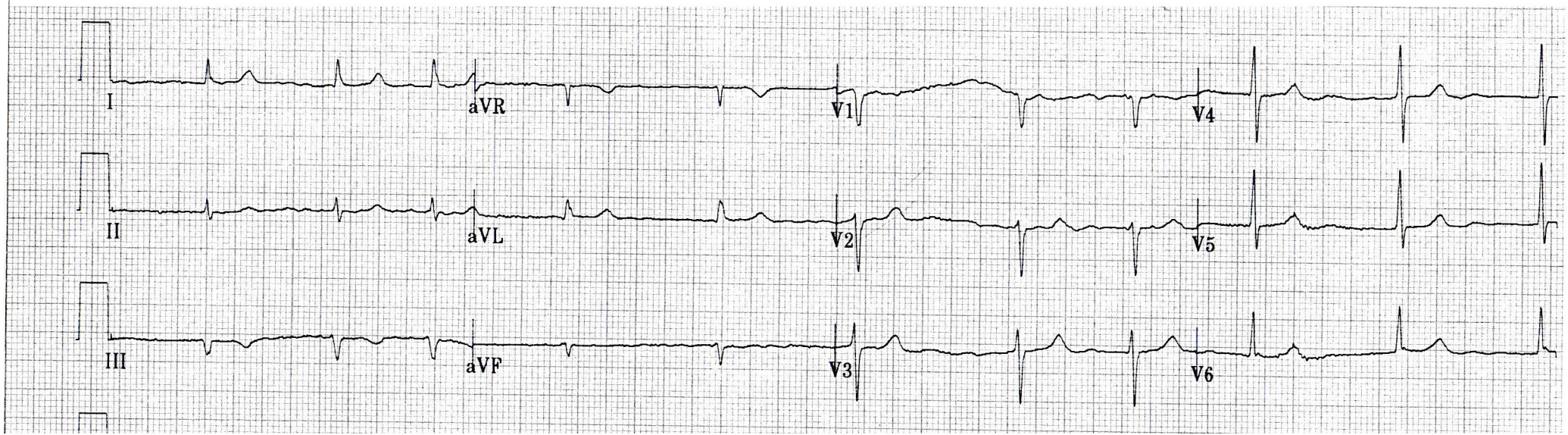
UNUSUAL CASES

52	ECG normal
53	ECG normal
54	Left main coronary artery
55	Left main coronary artery
56	Left main coronary artery
57	CMP (cardiomyopathy)
58	CMP (cardiomyopathy)
59	Stress echo
60	Stress echo

No 52

M 81y. Angina

ECG.: your conclusion...



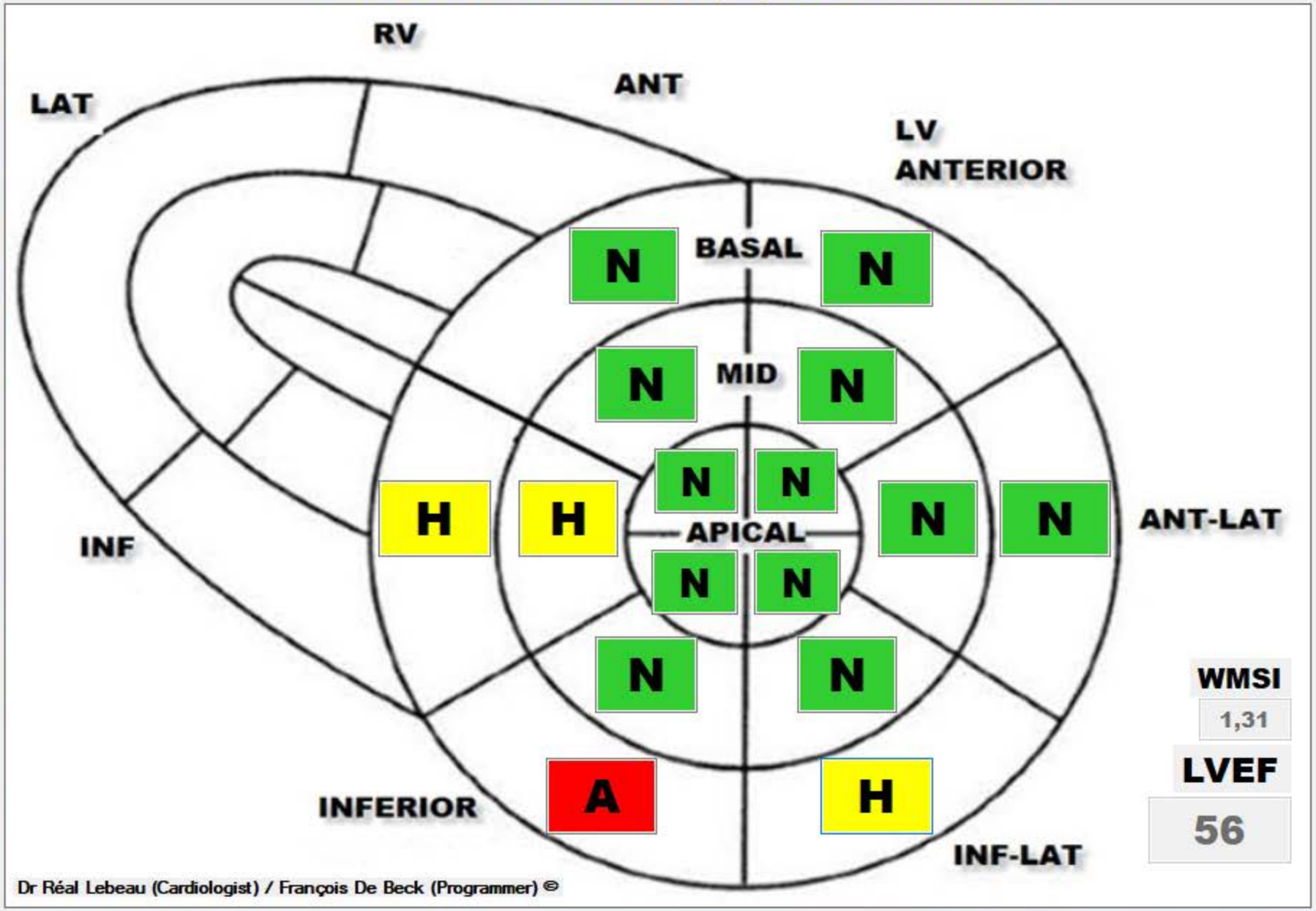
ECG.: Atrial fibrillation . low voltage . otherwise normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-06

NAME:

SURNAME:

BIRTH DATE: 2020-11-06

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	2
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	2
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI

1,31

LVEF

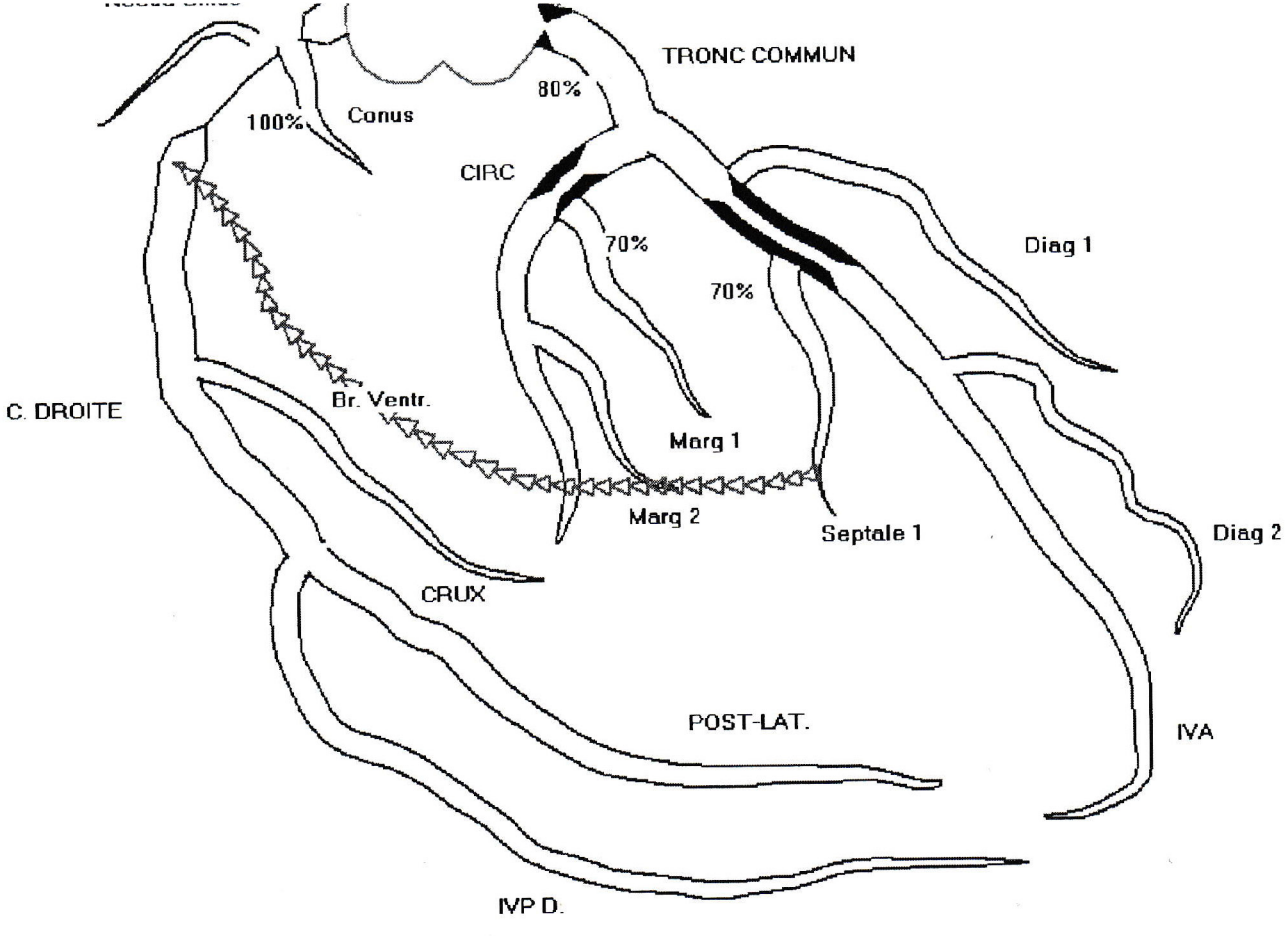
56

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

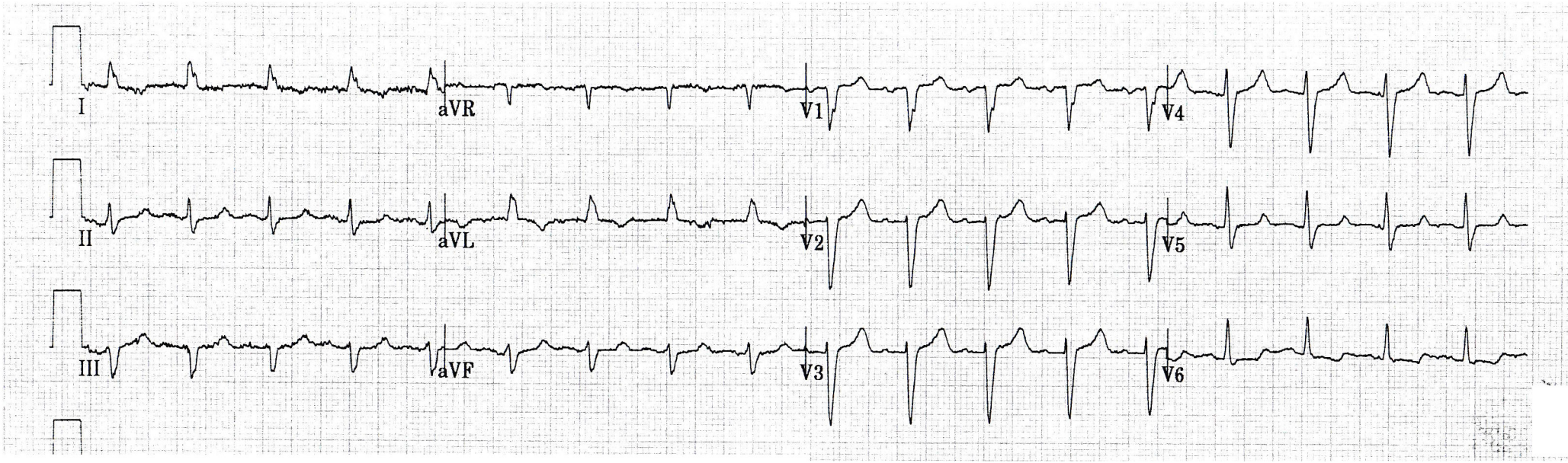
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 52

Coron.: Old RCA occlusion with collateral from LAD.



No 53
M 71y
ECG.: your conclusion...



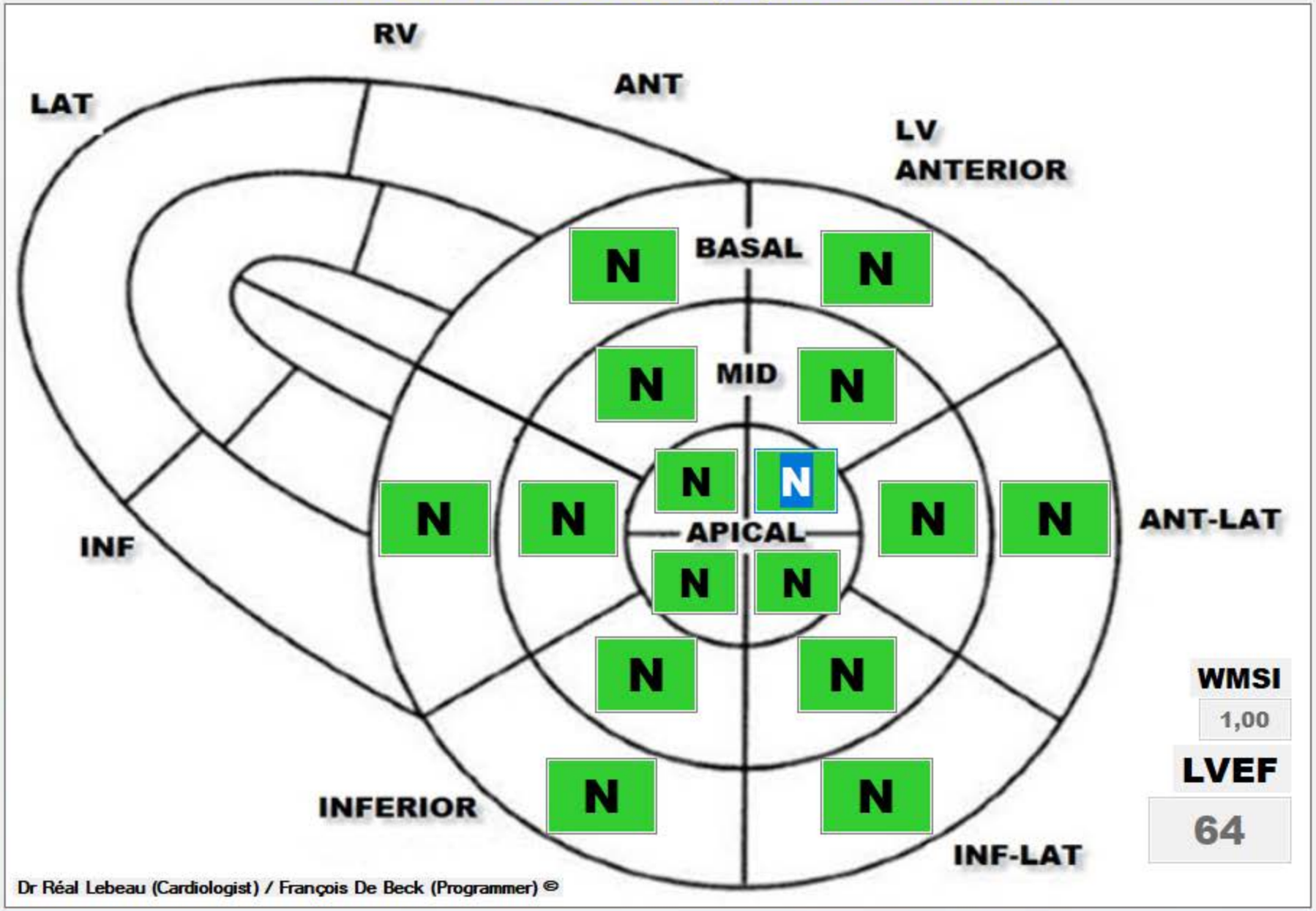
ECG.: Lateral ischemia.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2020-11-06

NAME:

SURNAME:

BIRTH DATE: 2020-11-06

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI

1,00

LVEF

64

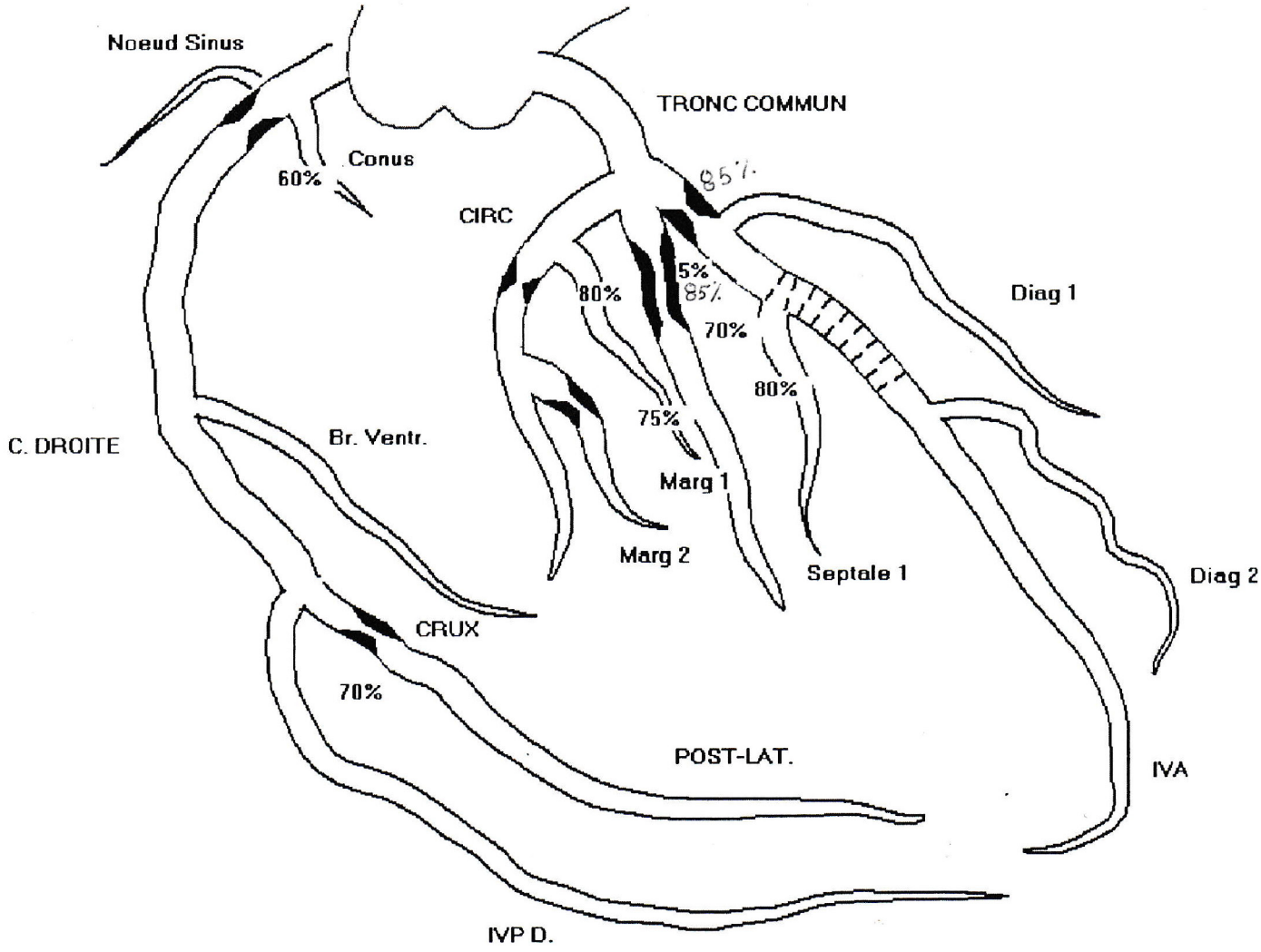
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

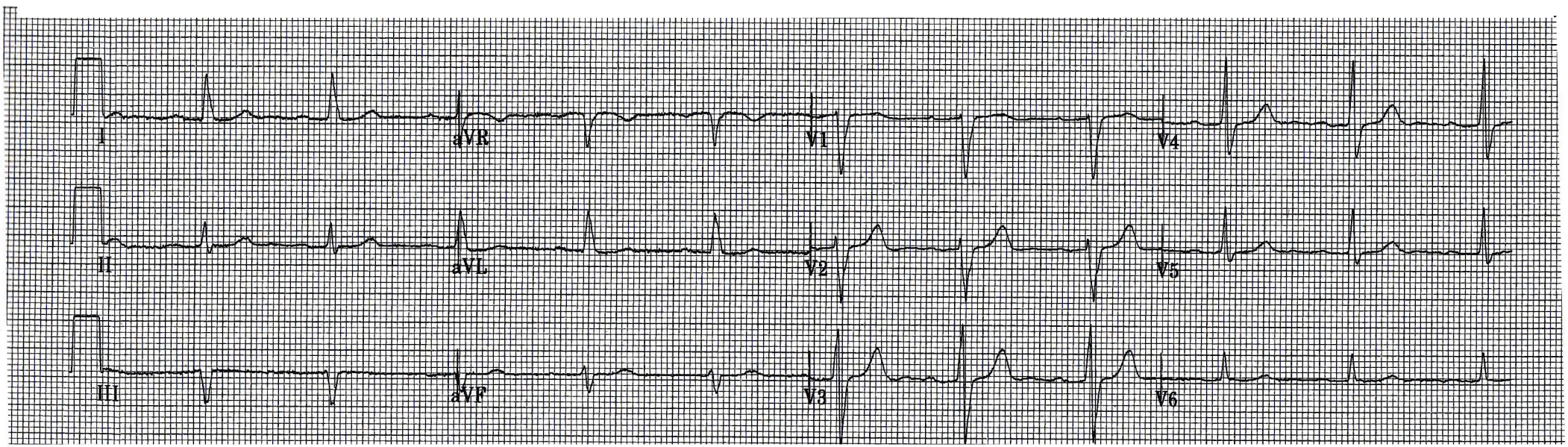
No 53

Coron.: 3 vessels disease .Aortic valve stenosis.

Cardiac surgery consultation.



NO 54
M 71y Angina
ECG.: your conclusion...



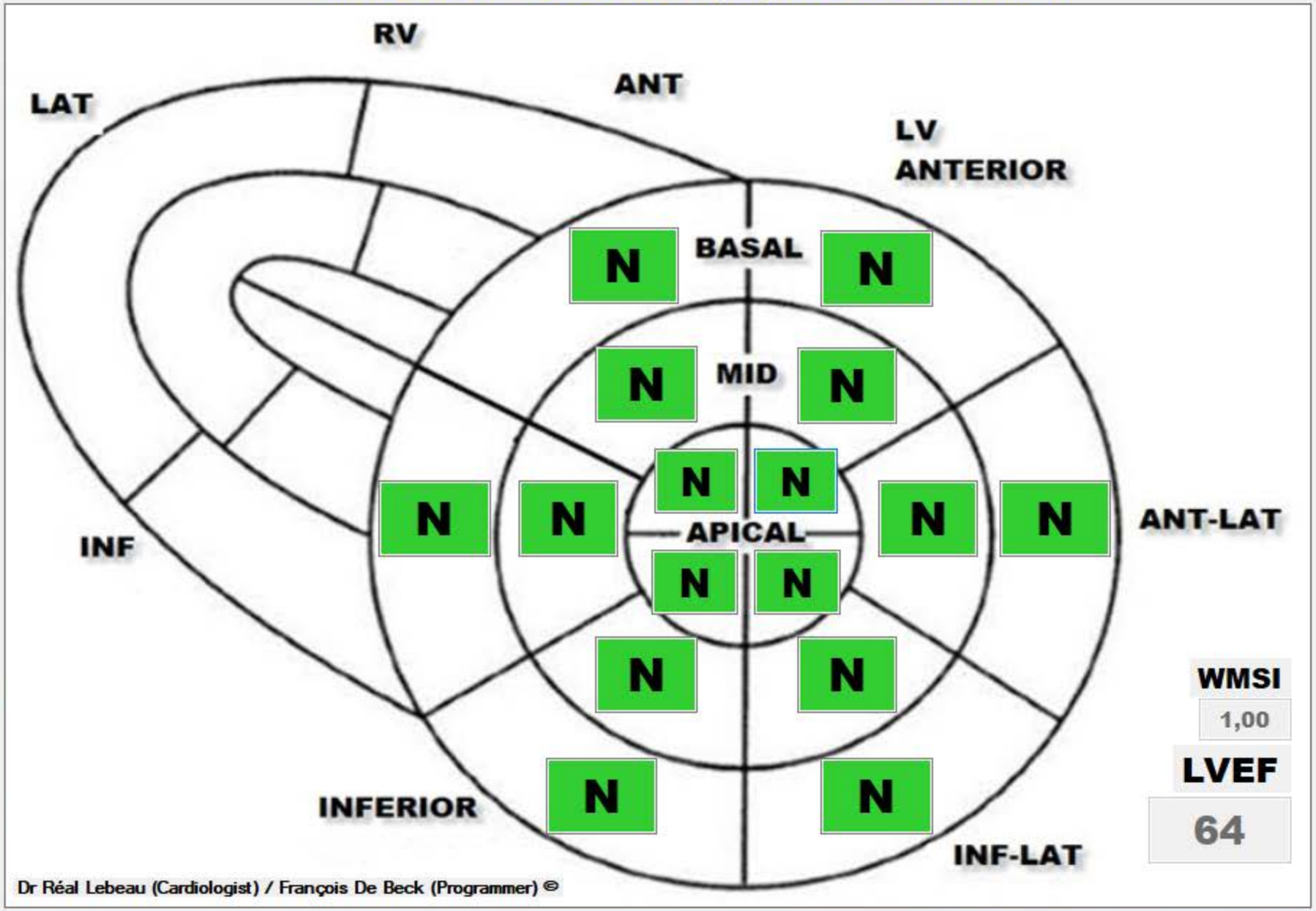
ECG.: First degree AV block.Incomplete LBBB.
Otherwise normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,00

LVEF
64

Classical Wall Motion

EXAM DATE: 2020-11-06

NAME:

SURNAME:

BIRTH DATE: 2020-11-06

Left Ventricle

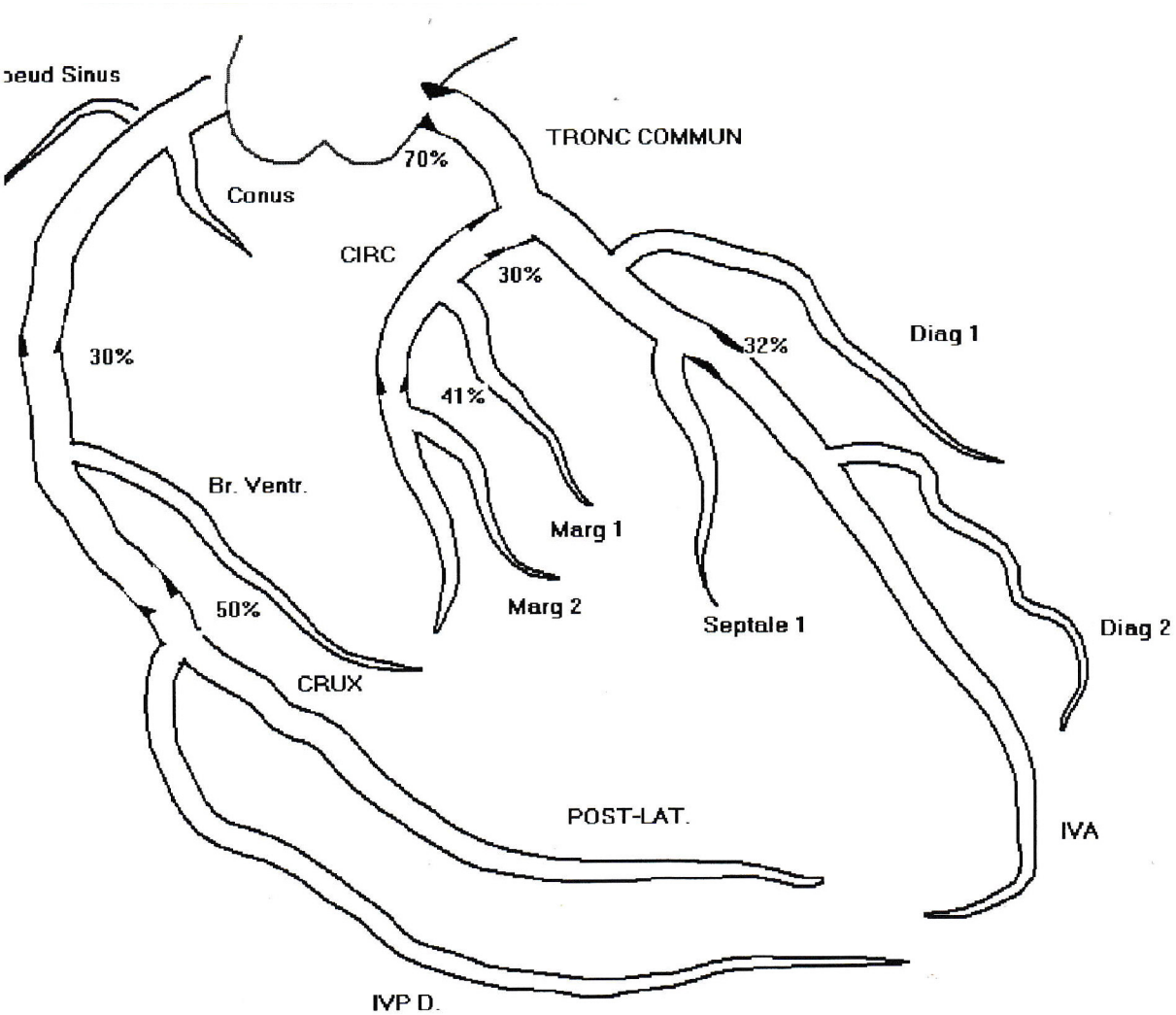
Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

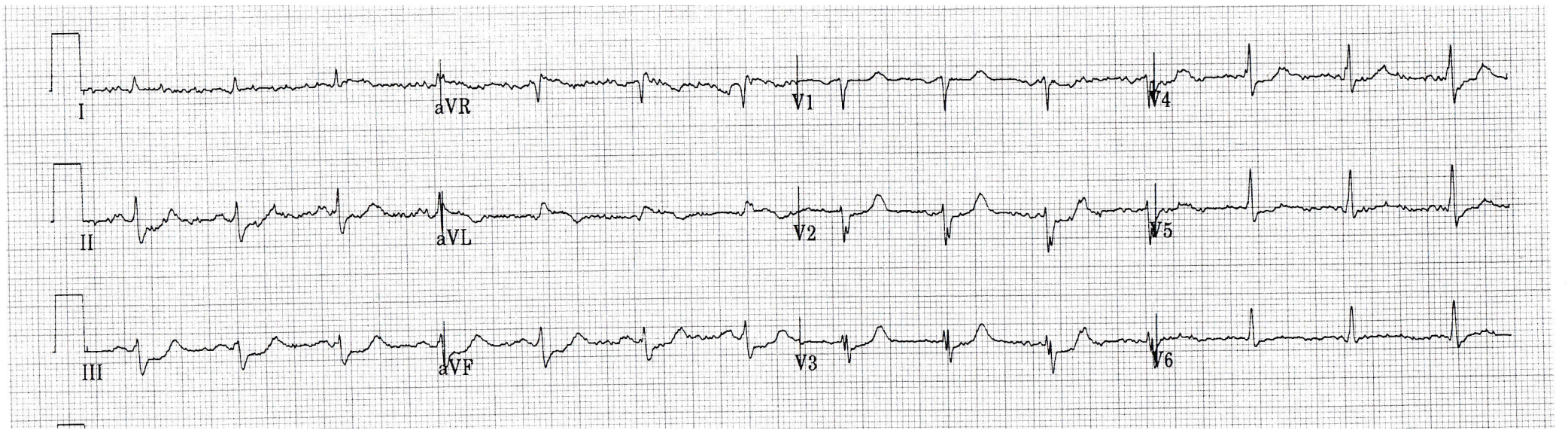
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 54

Coron,: Sub total stenosis of the LMA



No 55
M 70y. Myocardial infarction.
ECG.: your opinion...



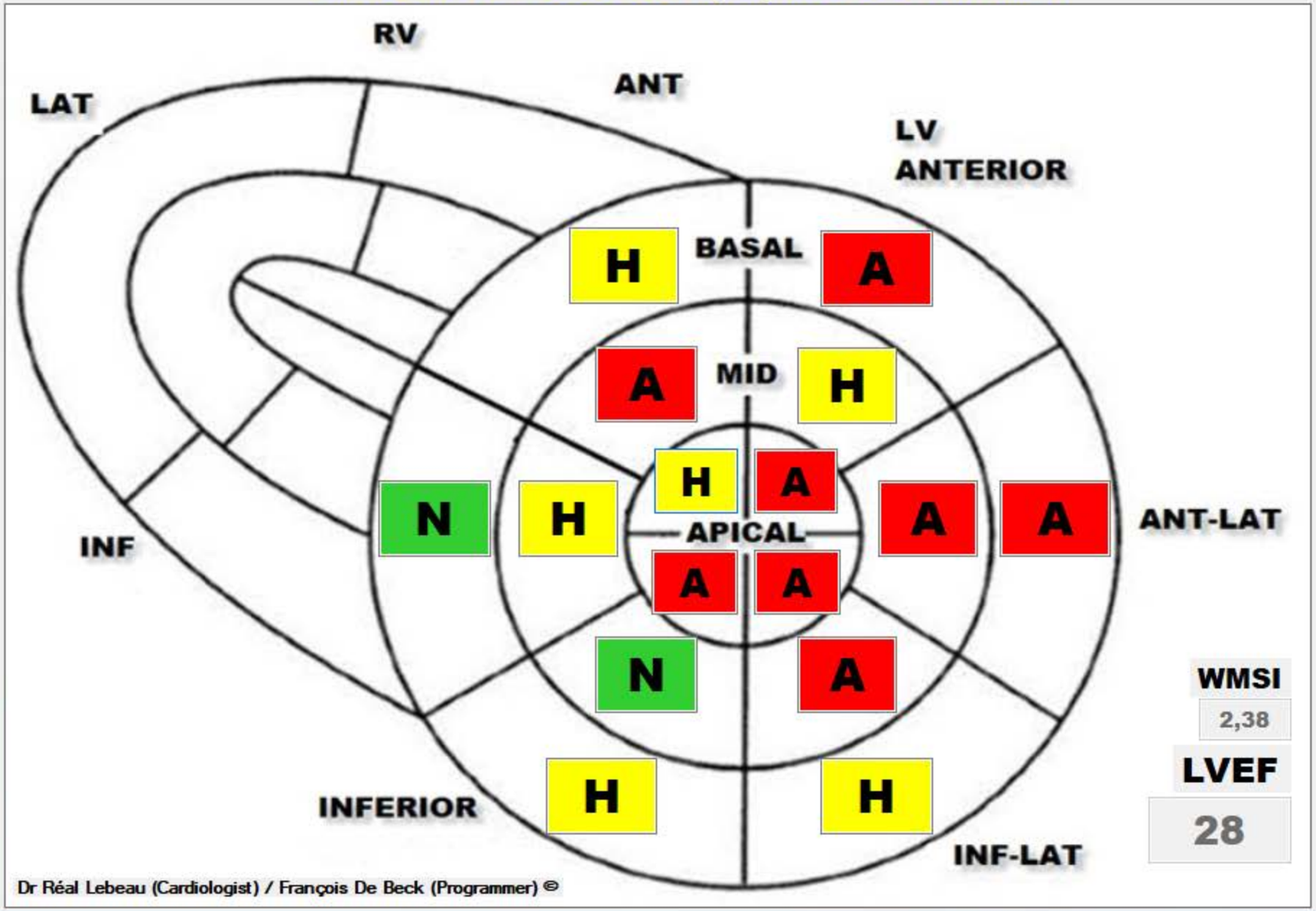
ECG.: Lateral injury. Probable anteroseptal ischemia

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	3
Basal #2	3
Basal #3	2
Basal #4	2
Basal #5	1
Basal #6	2
Mid #7	2
Mid #8	3
Mid #9	3
Mid #10	1
Mid #11	2
Mid #12	3
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	2

WMSI

2,38

LVEF

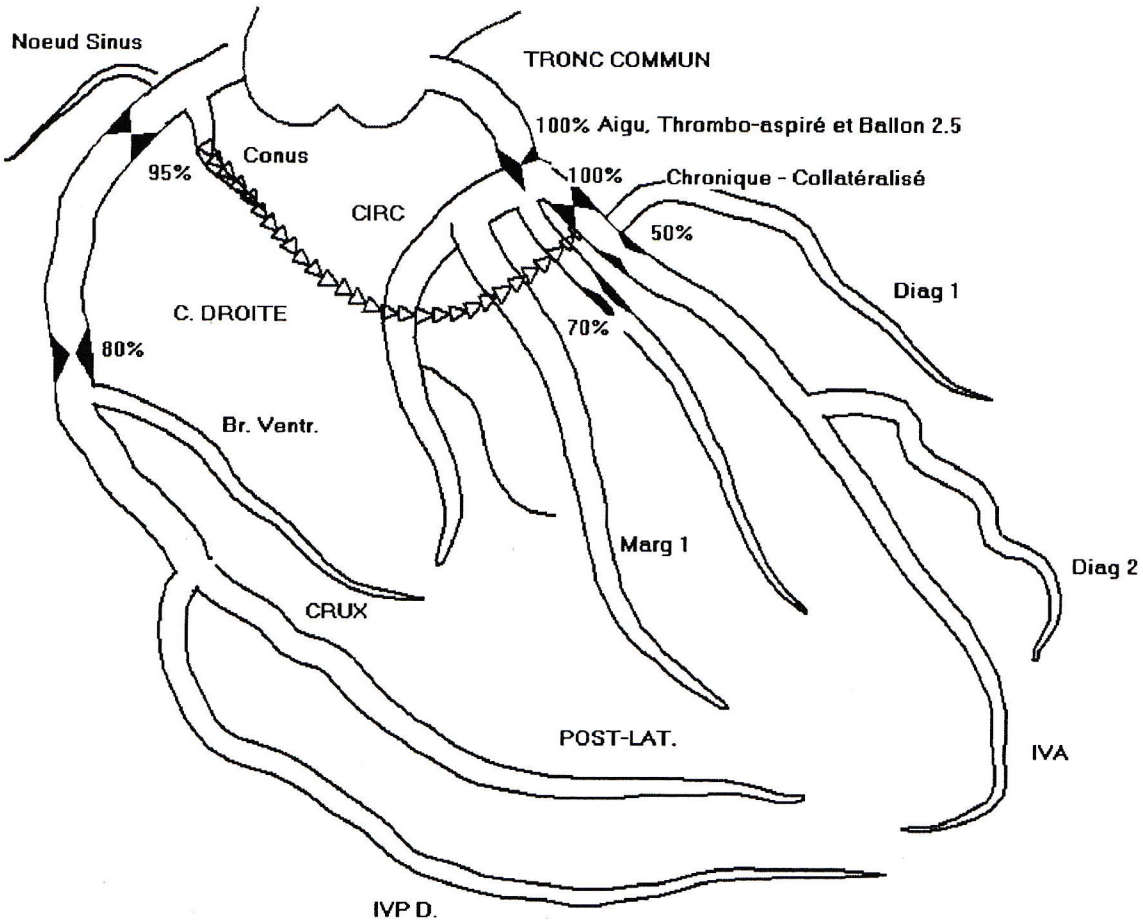
28

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

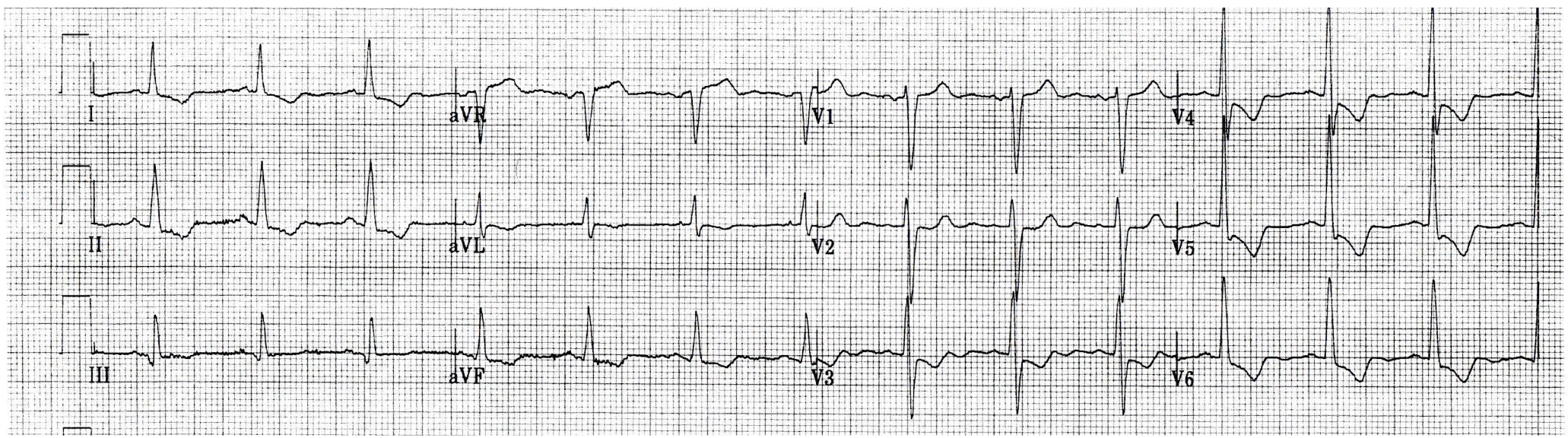
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 55

Coron.: Acute occlusion of LMA. RCA severe stenosis. LMA dilatation and urgent cardiac surgery consultation.



No 56
M 79y. NSTEMI
ECG.: your conclusion...



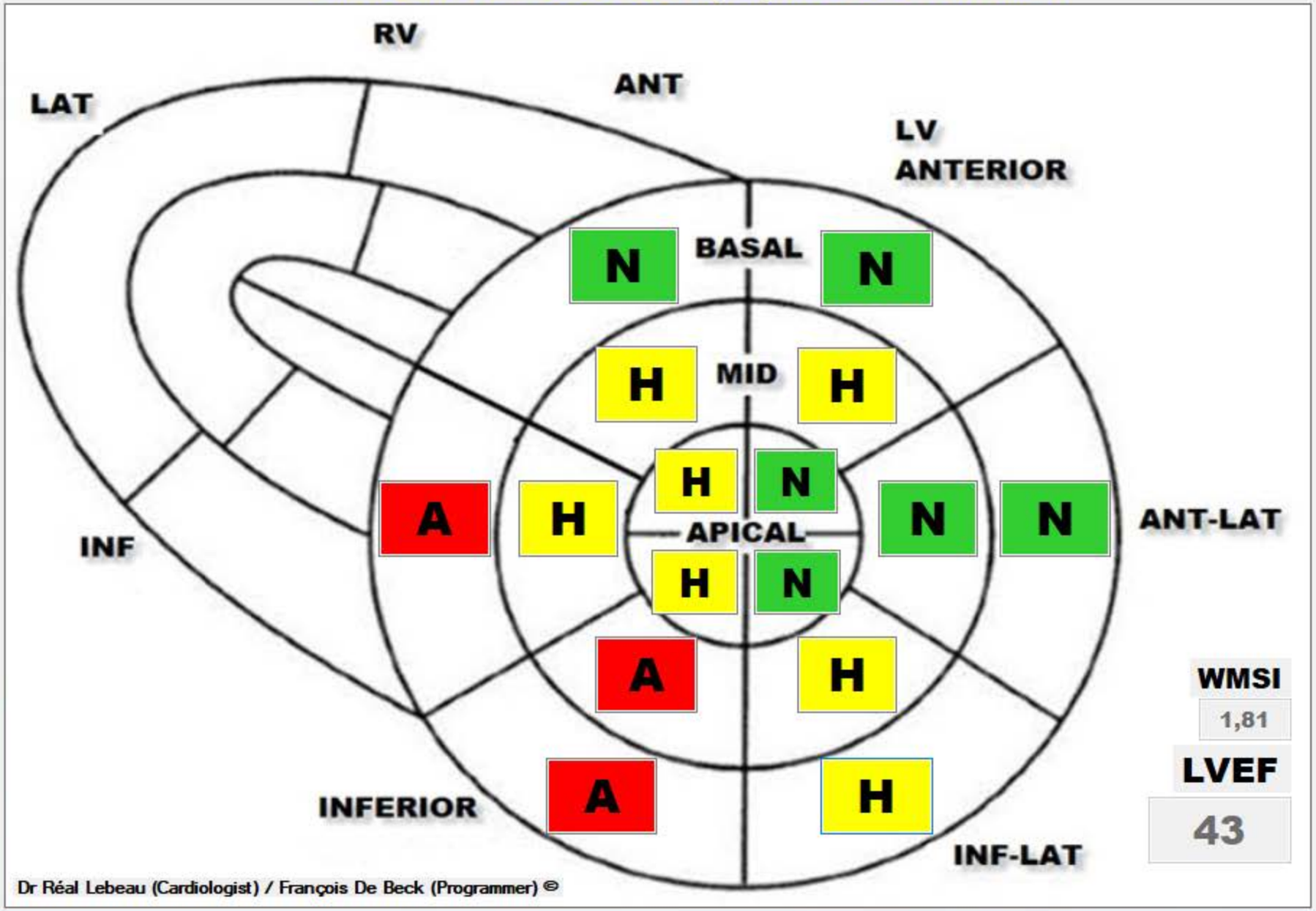
ECG.: Cannot exclude inferior and antero-lateral ischemia.
Possible LVH.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	2
Mid #8	1
Mid #9	2
Mid #10	3
Mid #11	2
Mid #12	2
Apical #13	1
Apical #14	1
Apical #15	2
Apical #16	2

WMSI

1,81

LVEF

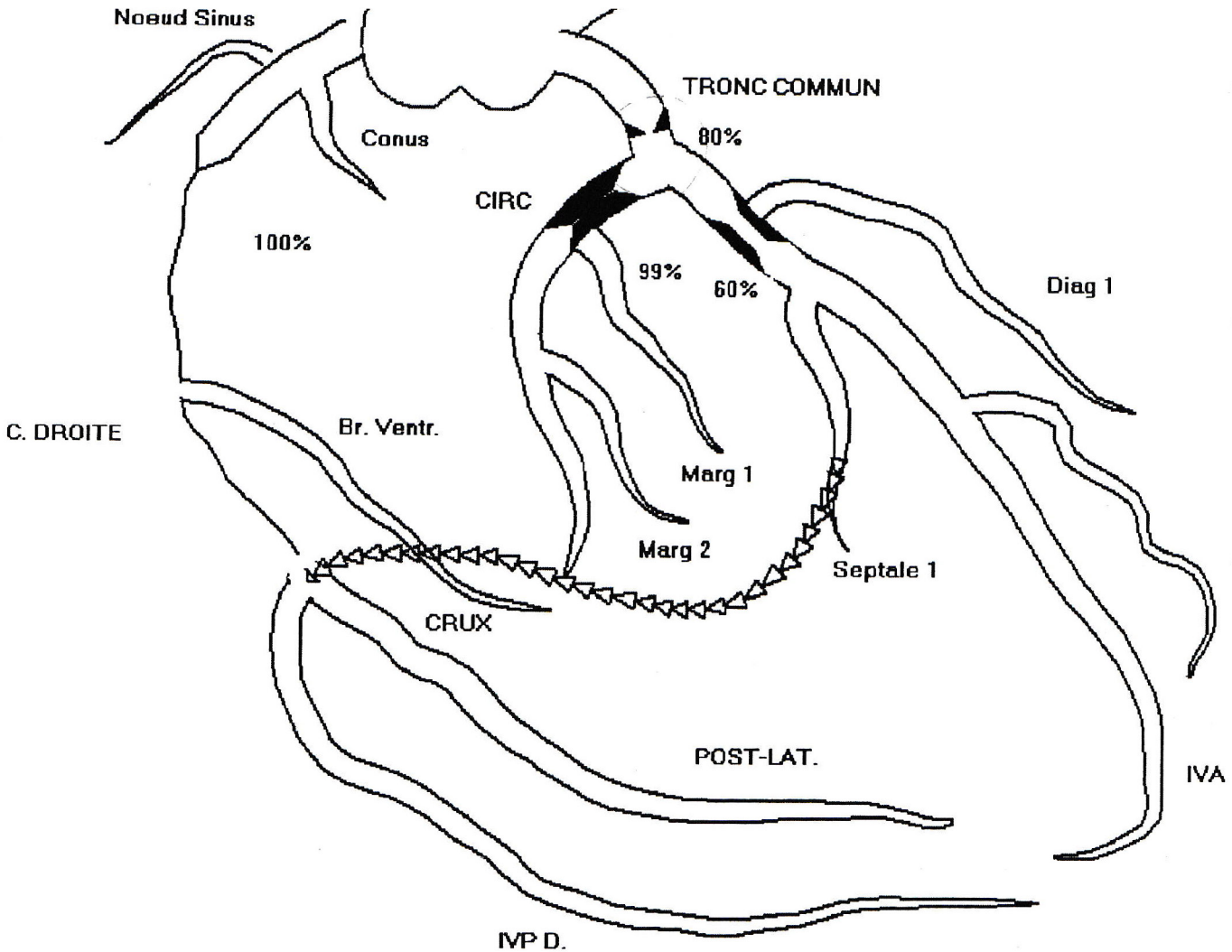
43

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 56

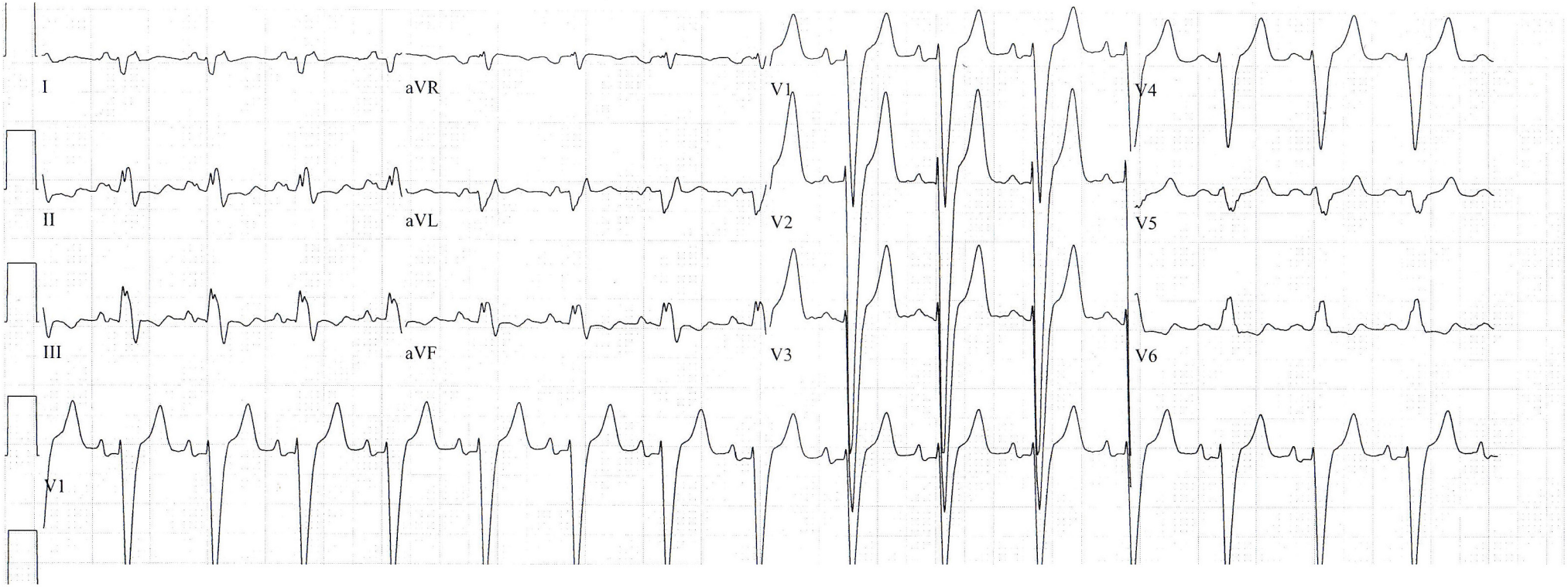
Coron.: LMA culprit lesion. Cx occlusion. RCA chronic occlusion. Urgent cardiac surgery consultation.



No 57

M 42y. Shortness of breath.

ECG.: your conclusion...



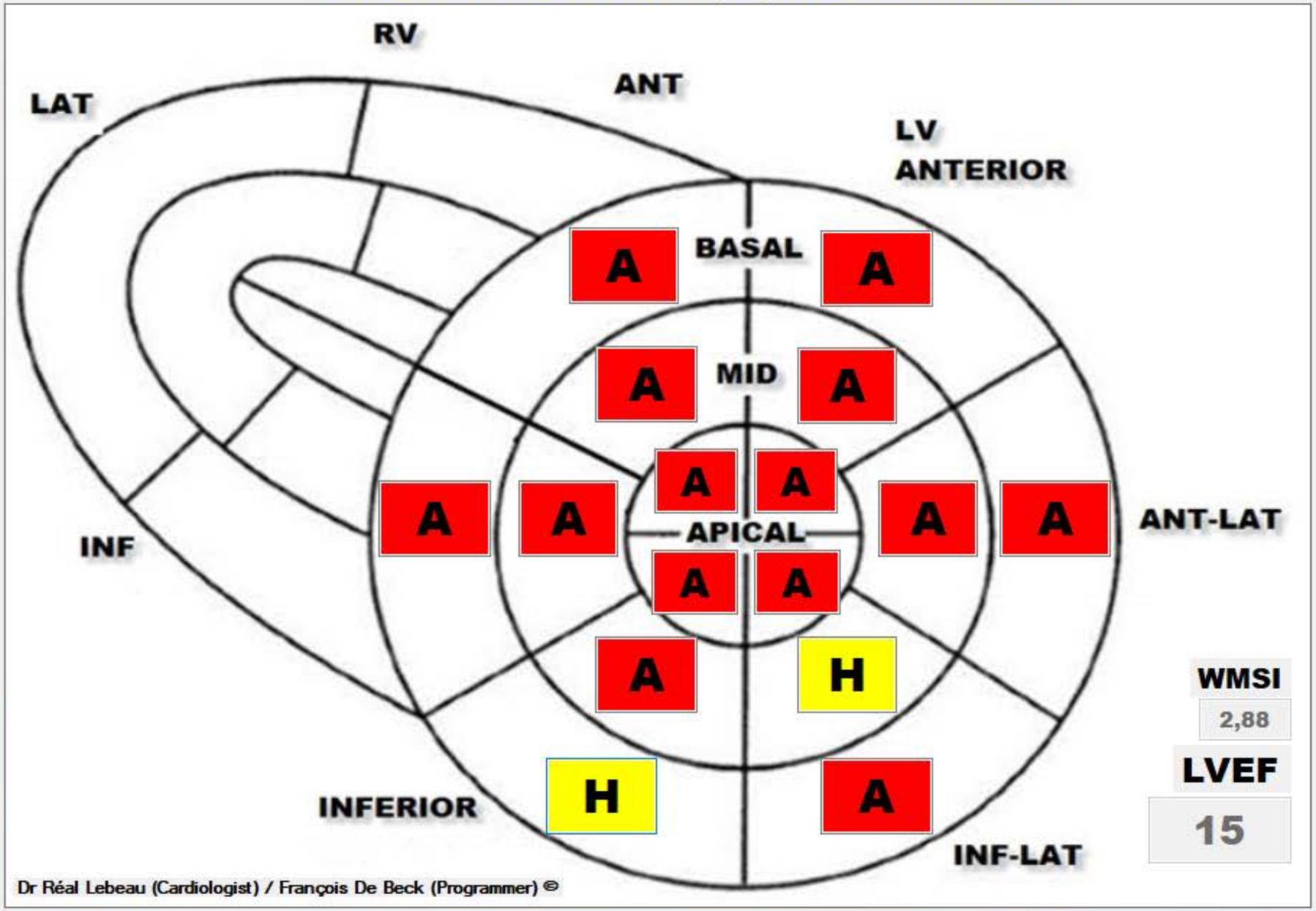
ECG.: Left bundle branch block

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	3
Basal #2	3
Basal #3	3
Basal #4	2
Basal #5	3
Basal #6	3
Mid #7	3
Mid #8	3
Mid #9	2
Mid #10	3
Mid #11	3
Mid #12	3
Apical #13	3
Apical #14	3
Apical #15	3
Apical #16	3

WMSI

2,88

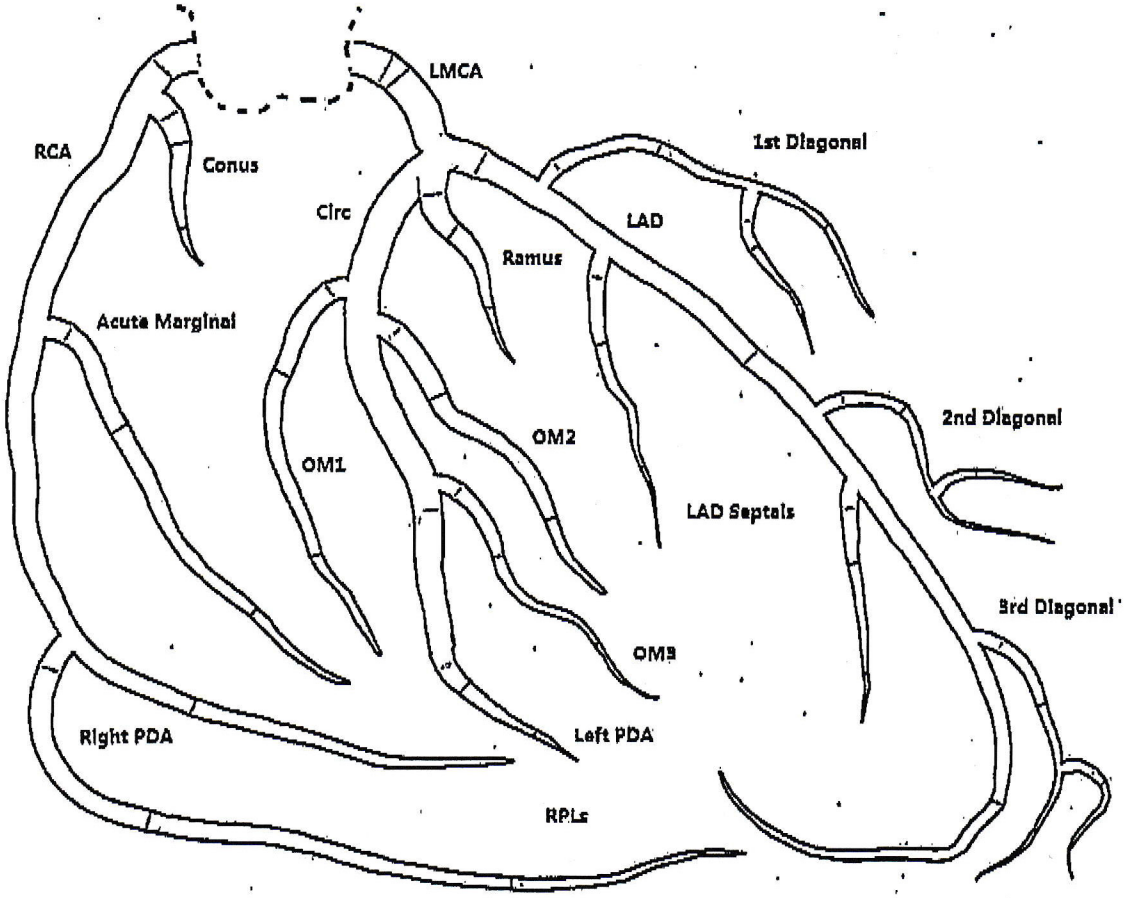
LVEF

15

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

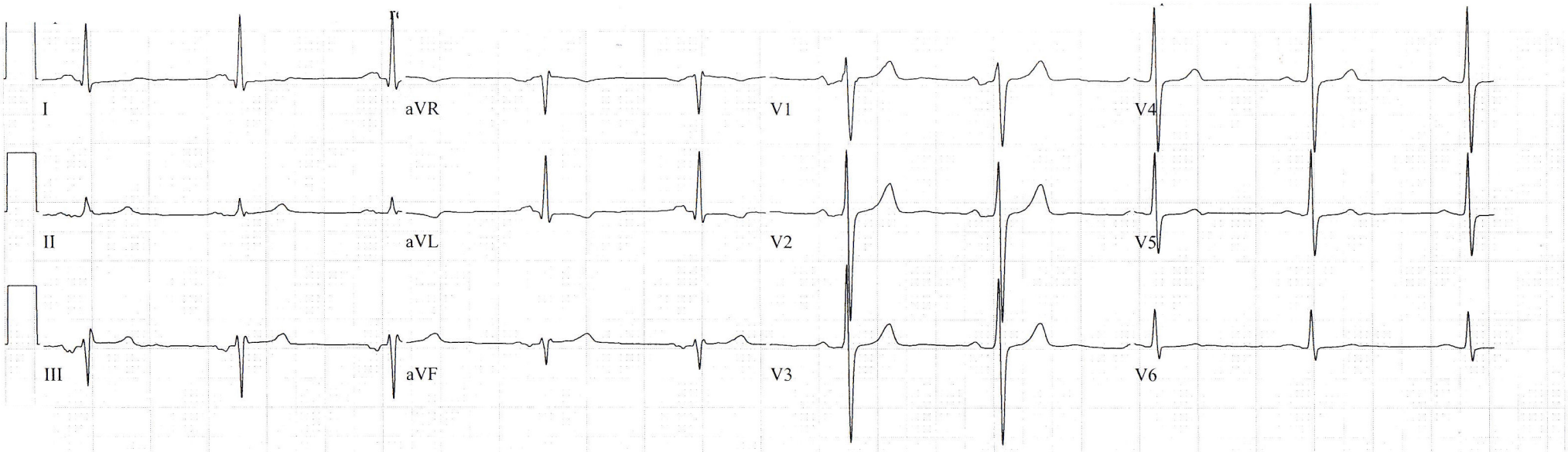
No 57
Coron.: Normal.



No 58

F 53y. Cardiac insufficiency.

ECG.: your conclusion...



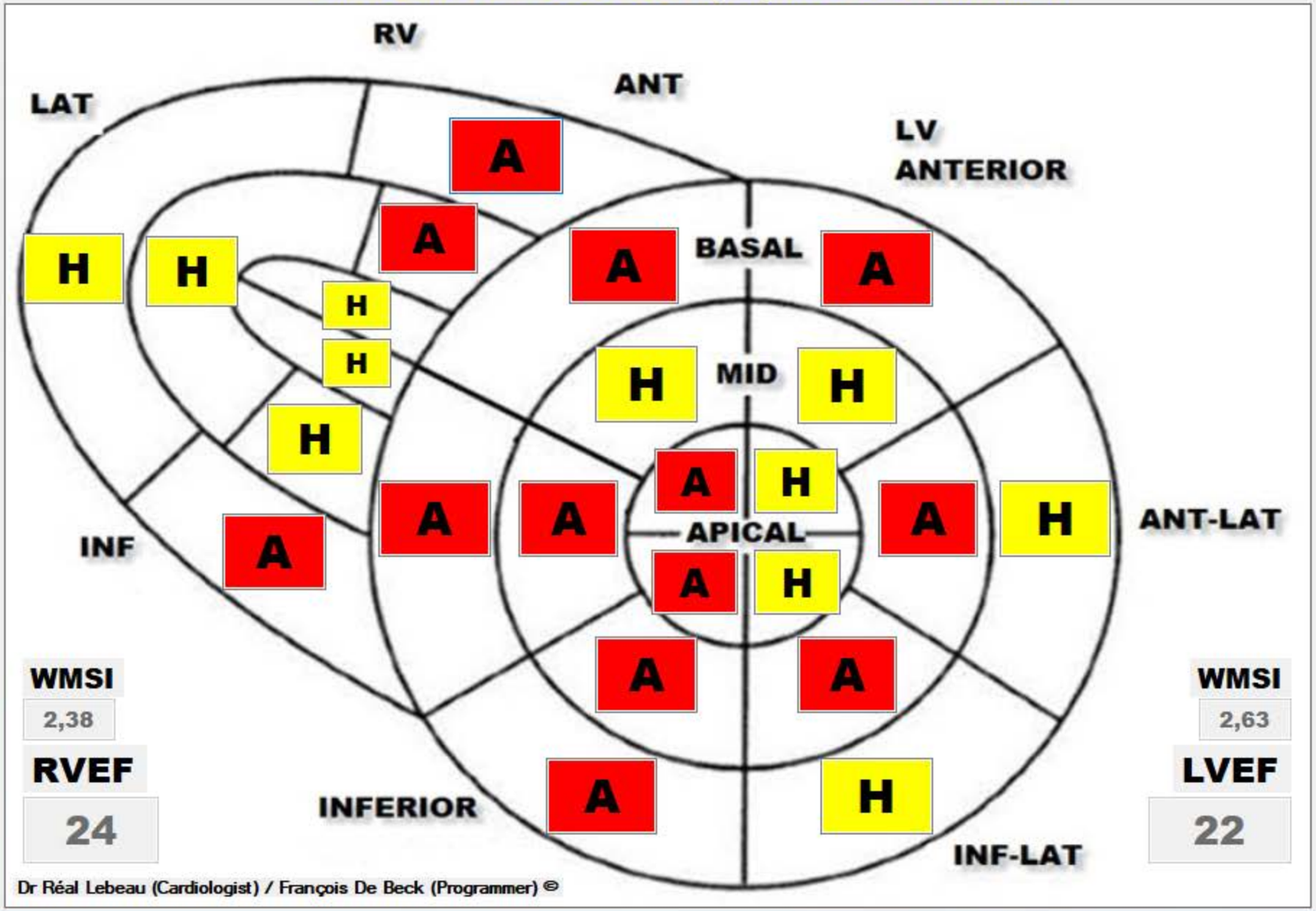
ECG.: Normal

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle		Right Ventricle	
Basal #1	3	Basal #1	3
Basal #2	2	Basal #2	2
Basal #3	2	Basal #3	3
Basal #4	3	Mid #4	2
Basal #5	3	Mid #5	2
Basal #6	3	Mid #6	3
Mid #7	2	Apical #7	2
Mid #8	3	Apical #8	2
Mid #9	3		
Mid #10	3		
Mid #11	3		
Mid #12	2		
Apical #13	2		
Apical #14	2		
Apical #15	3		
Apical #16	3		

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 58

Coron.: Normal coronarography suggest non ischemic cardiomyopathy

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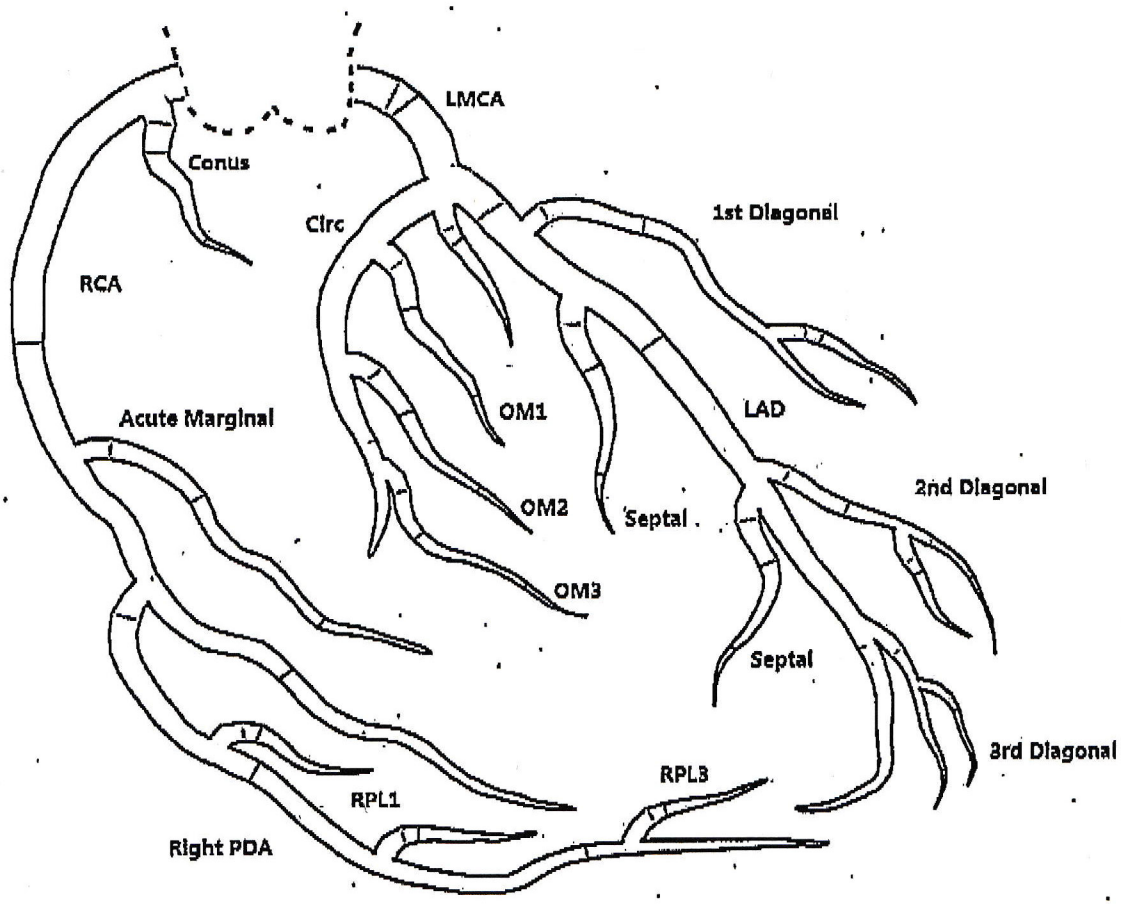
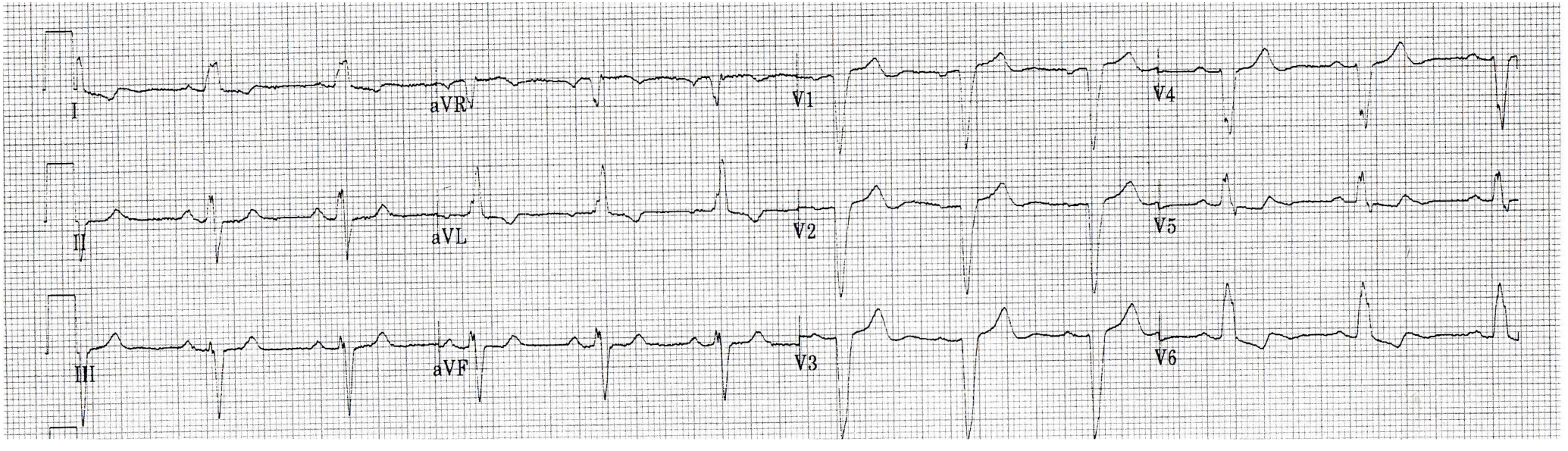


No 59 STRESS ECHO

F 76y Angina

ECG.: your conclusion...



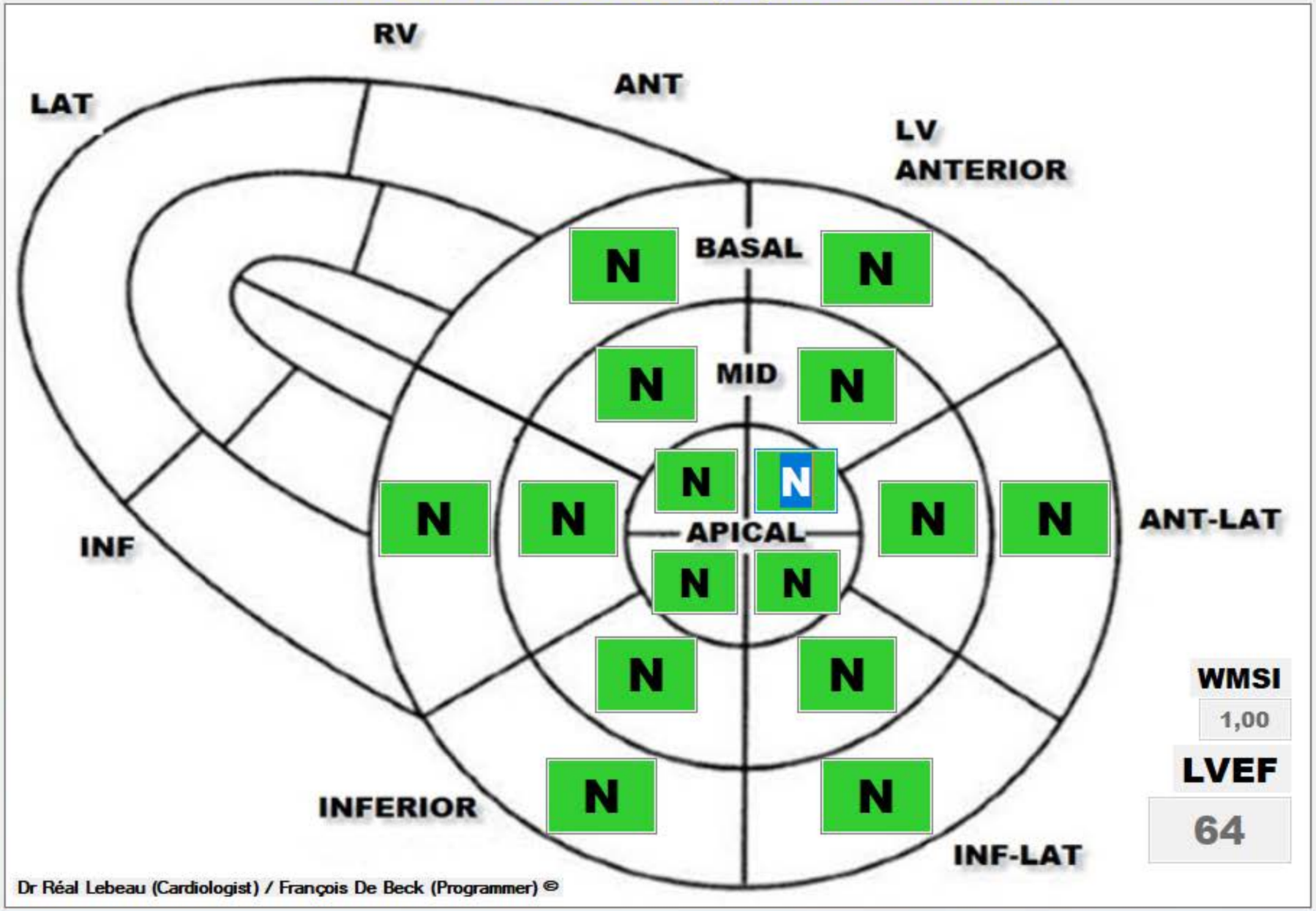
ECG.: Left bundle branch block

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

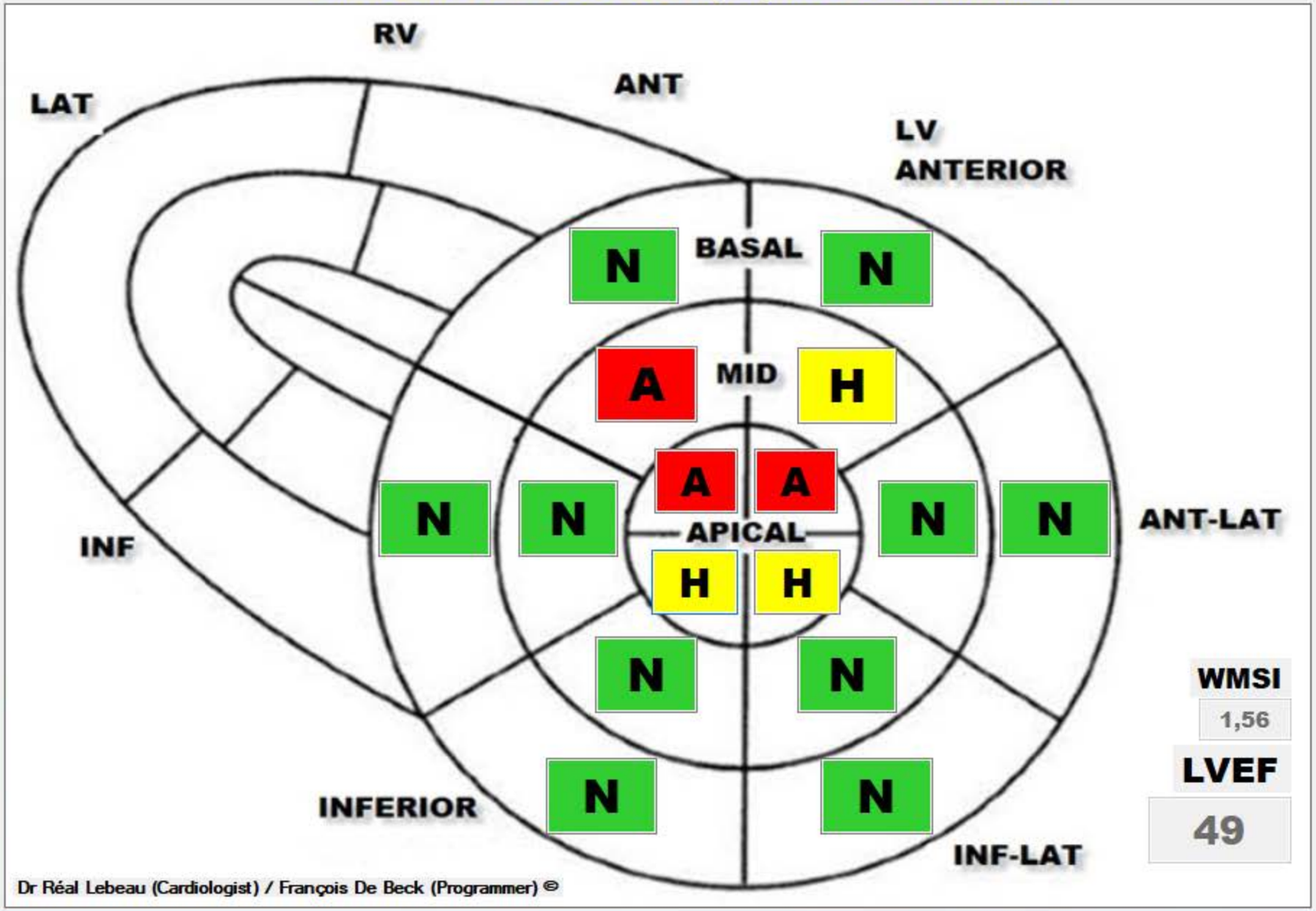
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	2
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	3
Apical #13	3
Apical #14	2
Apical #15	2
Apical #16	3

WMSI

1,56

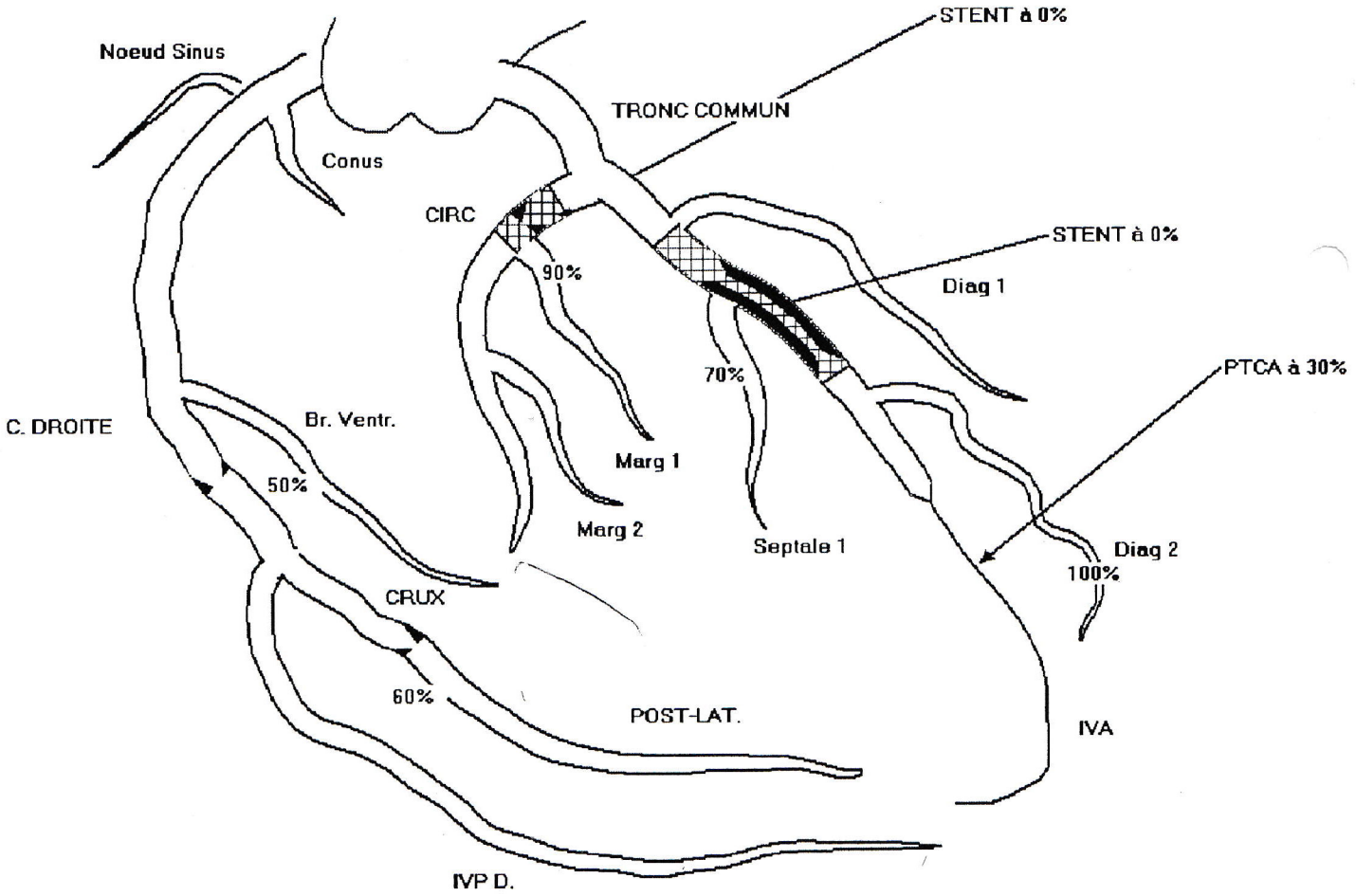
LVEF

49

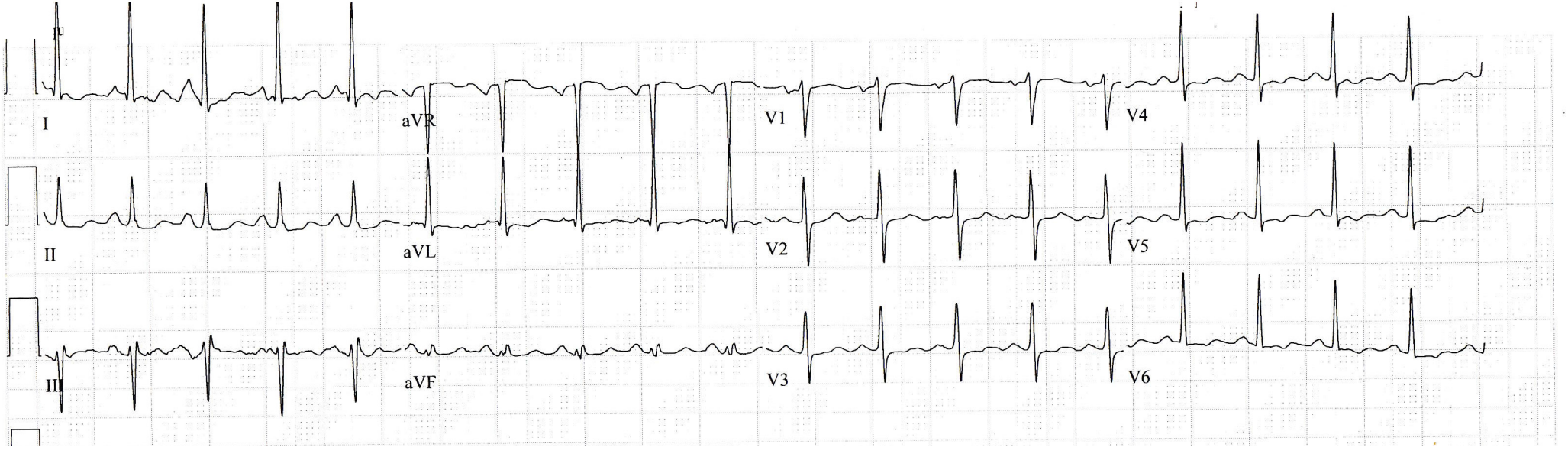
WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 59
Coron.: LAD and Cx stenosis stented.



No 60
F 69 y. Angina
ECG.: your conclusion...



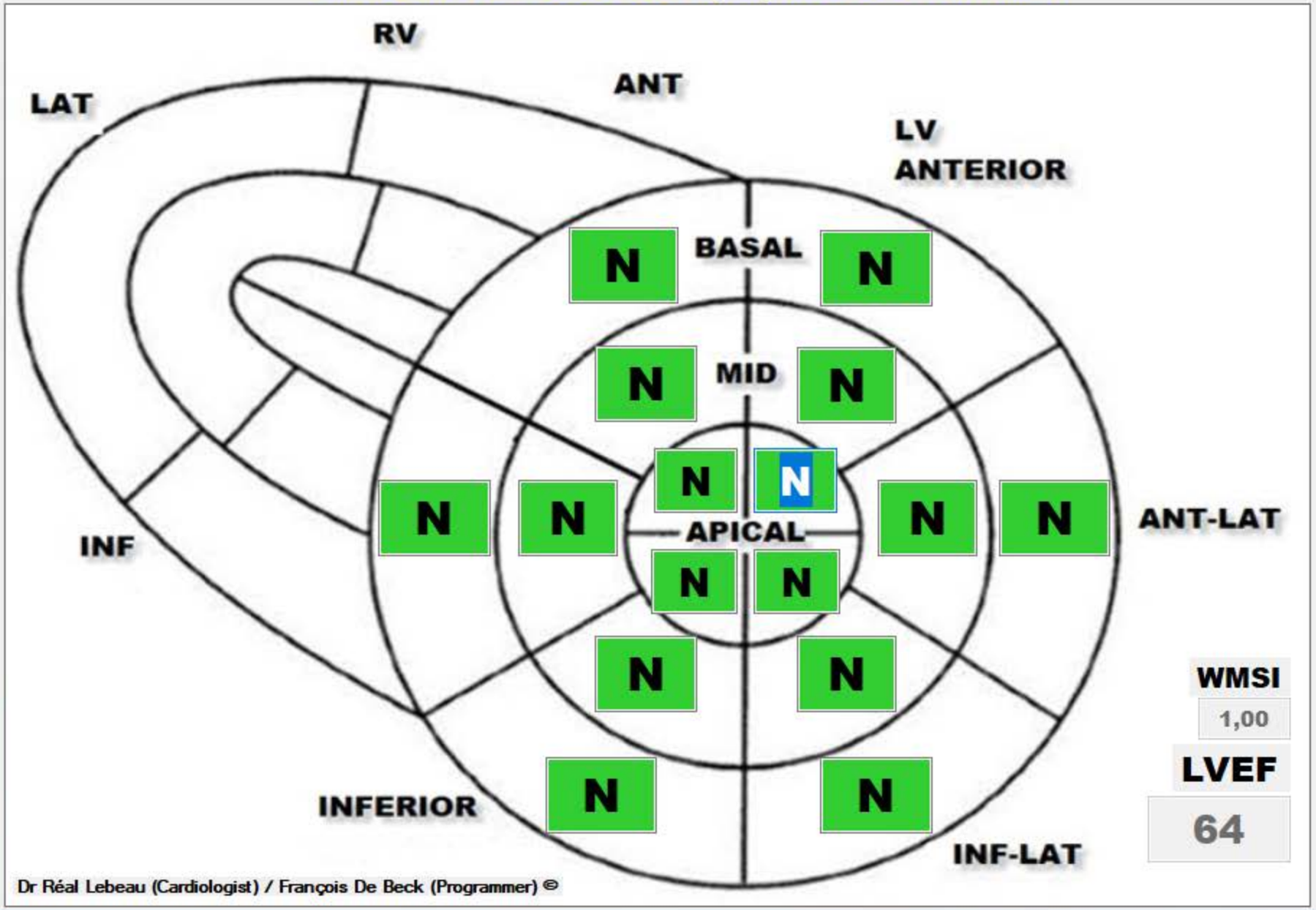
ECG.: Left ventricular hypertrophy and non specific ST change.

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



WMSI
1,00

LVEF
64

Classical Wall Motion

EXAM DATE: 2020-11-07

NAME:

SURNAME:

BIRTH DATE: 2020-11-07

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	1
Basal #4	1
Basal #5	1
Basal #6	1
Mid #7	1
Mid #8	1
Mid #9	1
Mid #10	1
Mid #11	1
Mid #12	1
Apical #13	1
Apical #14	1
Apical #15	1
Apical #16	1

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98

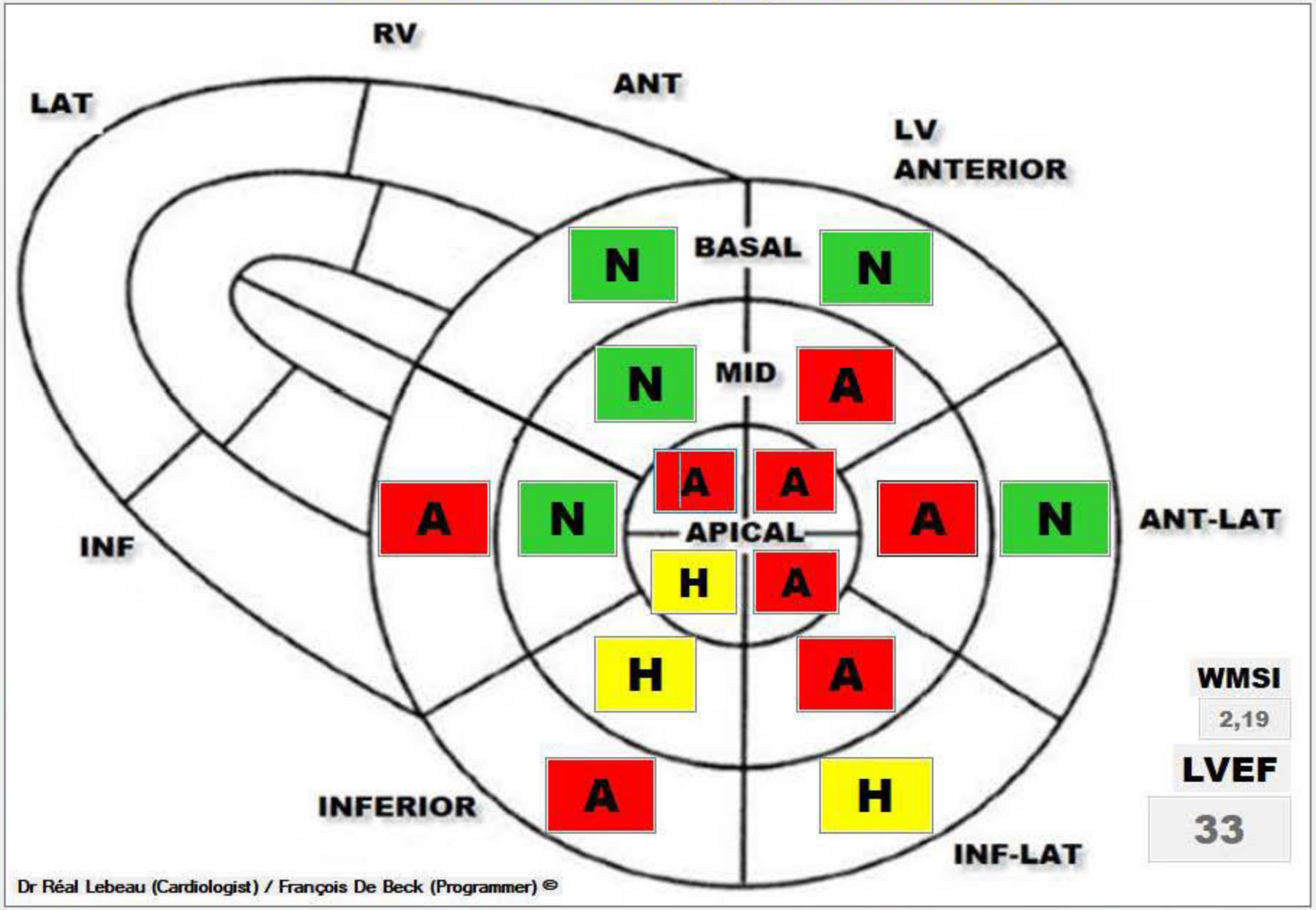
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

EJECTION FRACTION (EF) MEASUREMENT BY WMS 16 SEGMENTS (Cardiologists, experienced physicians or sonographers - Level 3) -Version 3.0

Close | LVEF by Classical Wall Motion Score | LVEF by 16 EF Score | Right Ventricle | Colors | Numeric Scores | Medical Report | About

EJECTION FRACTION (EF) MEASUREMENT

Legend



Dr Réal Lebeau (Cardiologist) / François De Beck (Programmer) ©

WMSI

2,19

LVEF

33

Classical Wall Motion

EXAM DATE:

NAME: No 60

SURNAME:

BIRTH DATE:

Left Ventricle

Basal #1	1
Basal #2	1
Basal #3	2
Basal #4	3
Basal #5	3
Basal #6	1
Mid #7	3
Mid #8	3
Mid #9	3
Mid #10	2
Mid #11	1
Mid #12	1
Apical #13	3
Apical #14	3
Apical #15	2
Apical #16	3

Dx.:
Post stress echo.
Diffuse wall motion anomaly suggestive of 3 vessels disease.

WMSI=(Score 16 segments)/16
LVEF = 90 - (26 * WMSI)
Ref: Lebeau R et al, Assessment using the WMSI in cardiac resonance imaging, Arch Cardiovasc Dis. 2012; 105(2),91-98
Right WMSI = (Score right 8 segments) / 8
RVEF = 73.07 - (20.7 * WMSI)
Ref: Lebeau R et al, Two dimensional echocardiography estimation of RVEF by WMSI Cdn J Cardiol 2004;20(2):169-176

No 60
Coron.: 3 vessels disease.
Distal LMA ischemic FFR .