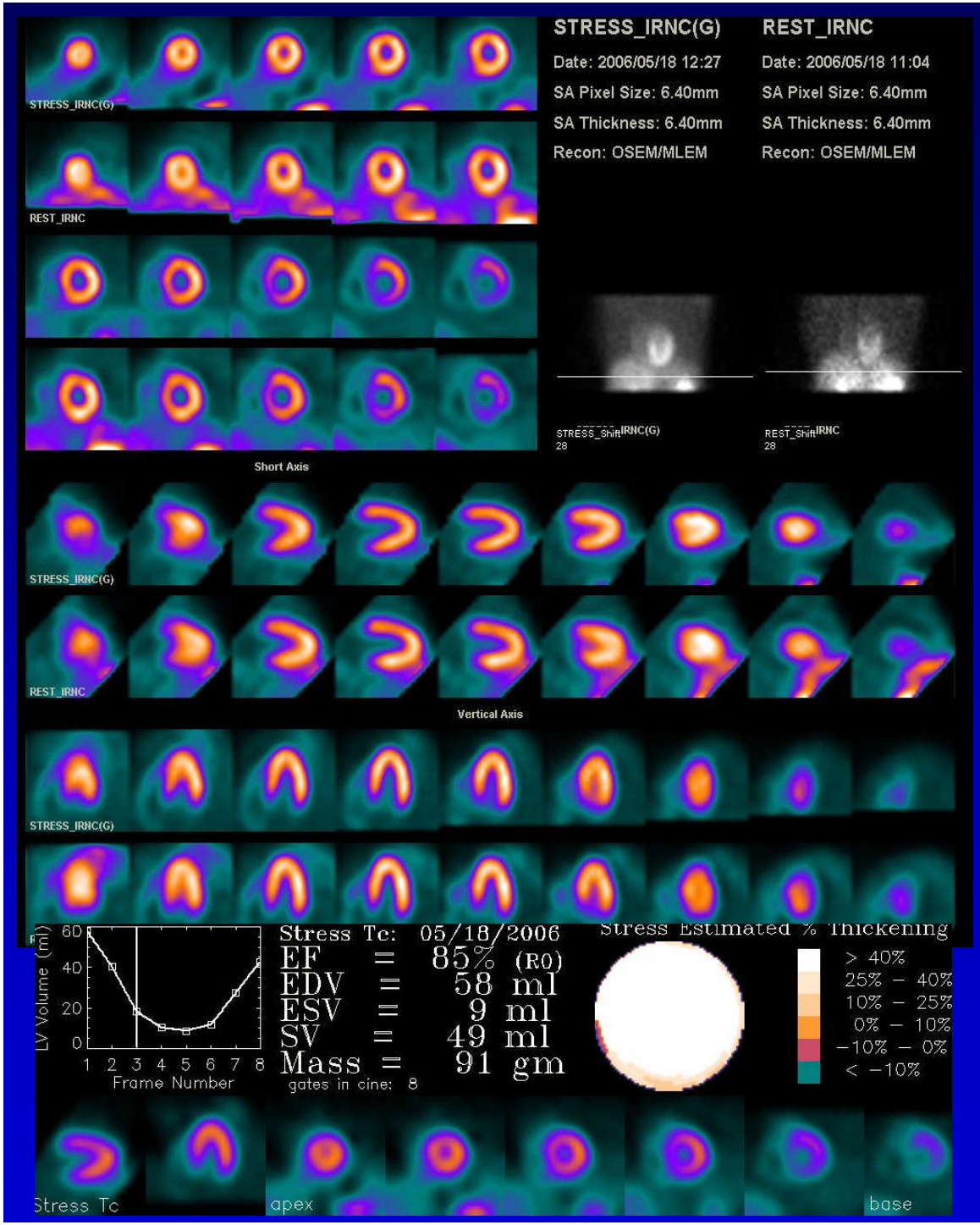
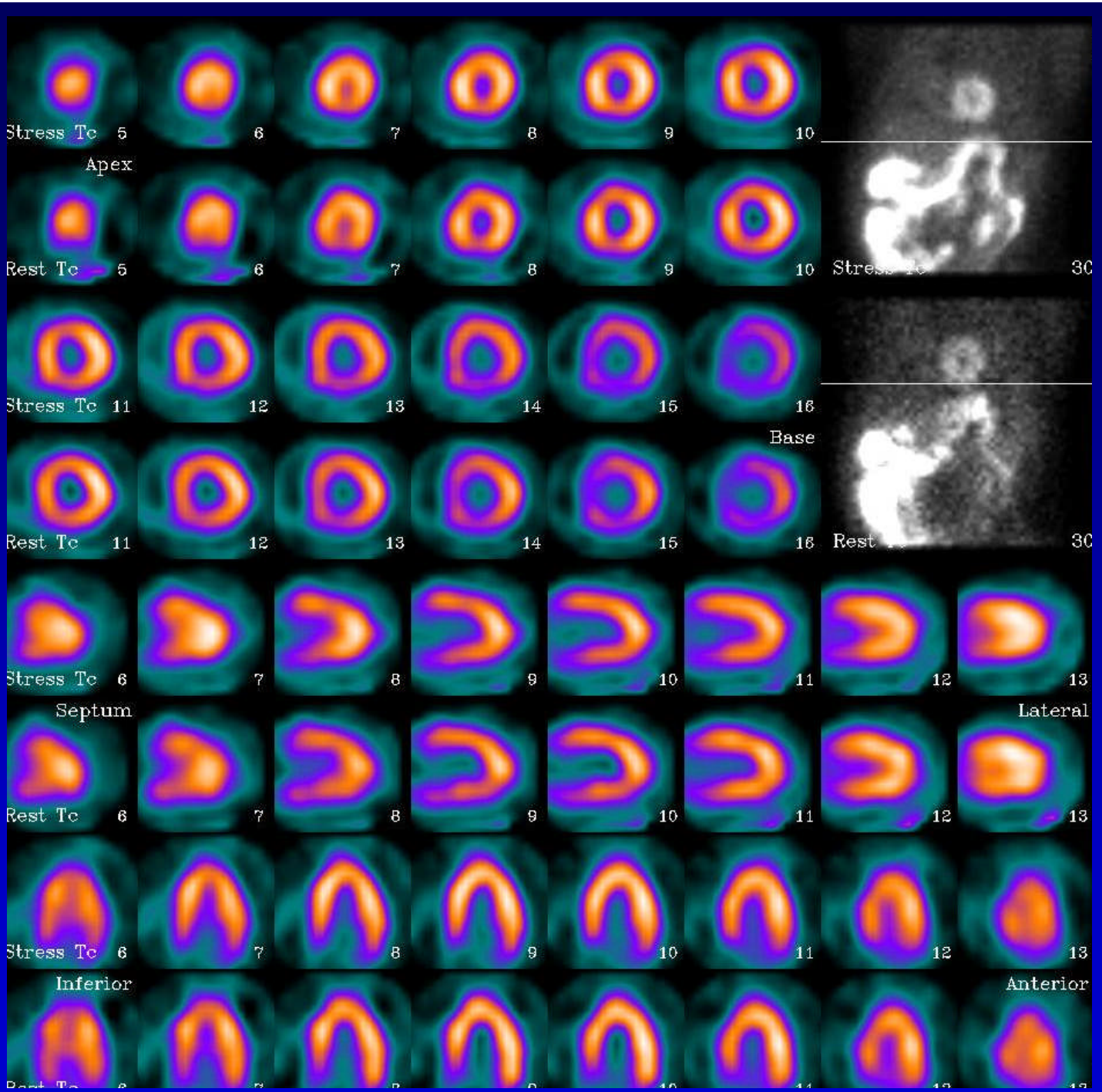
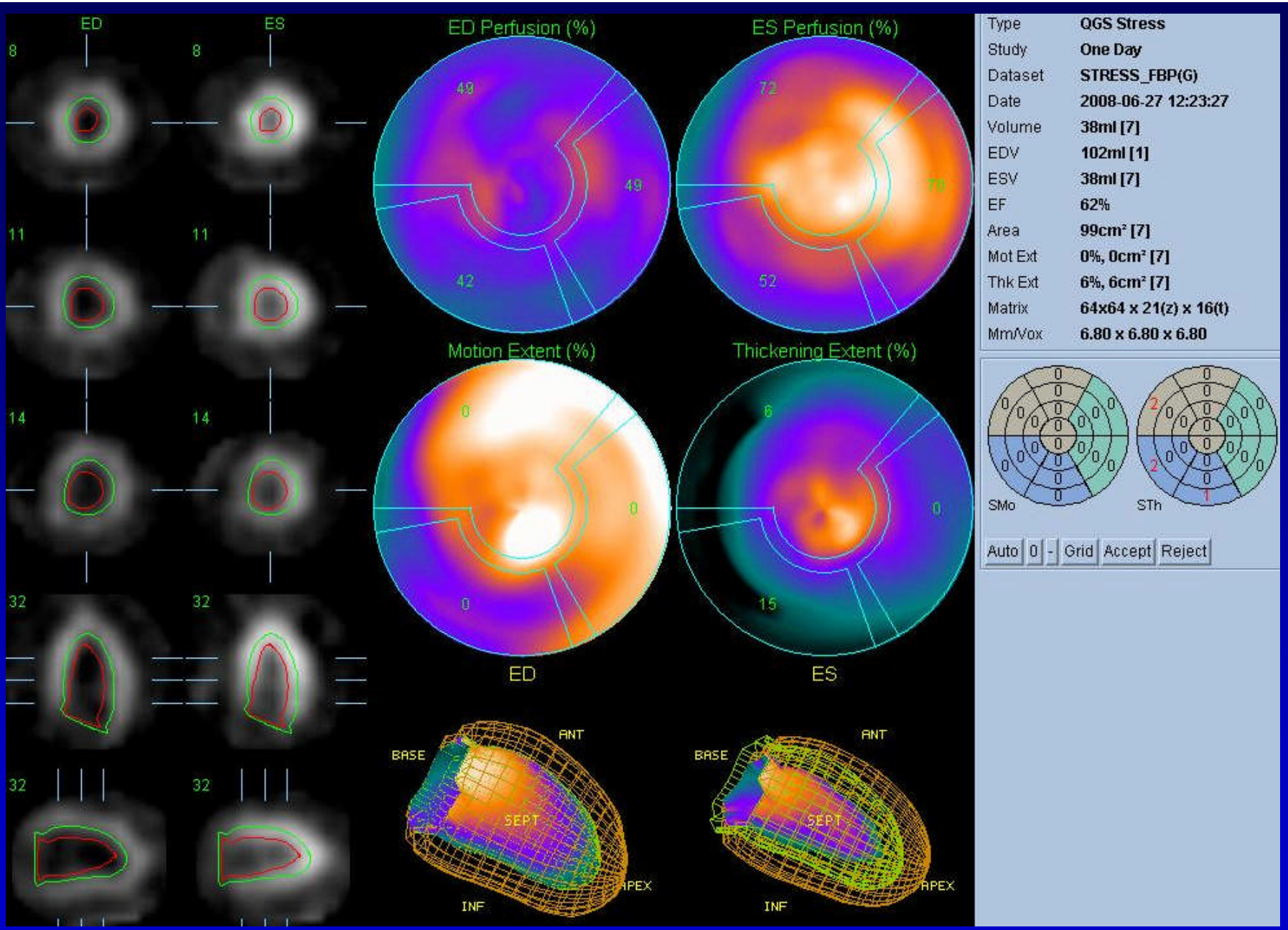
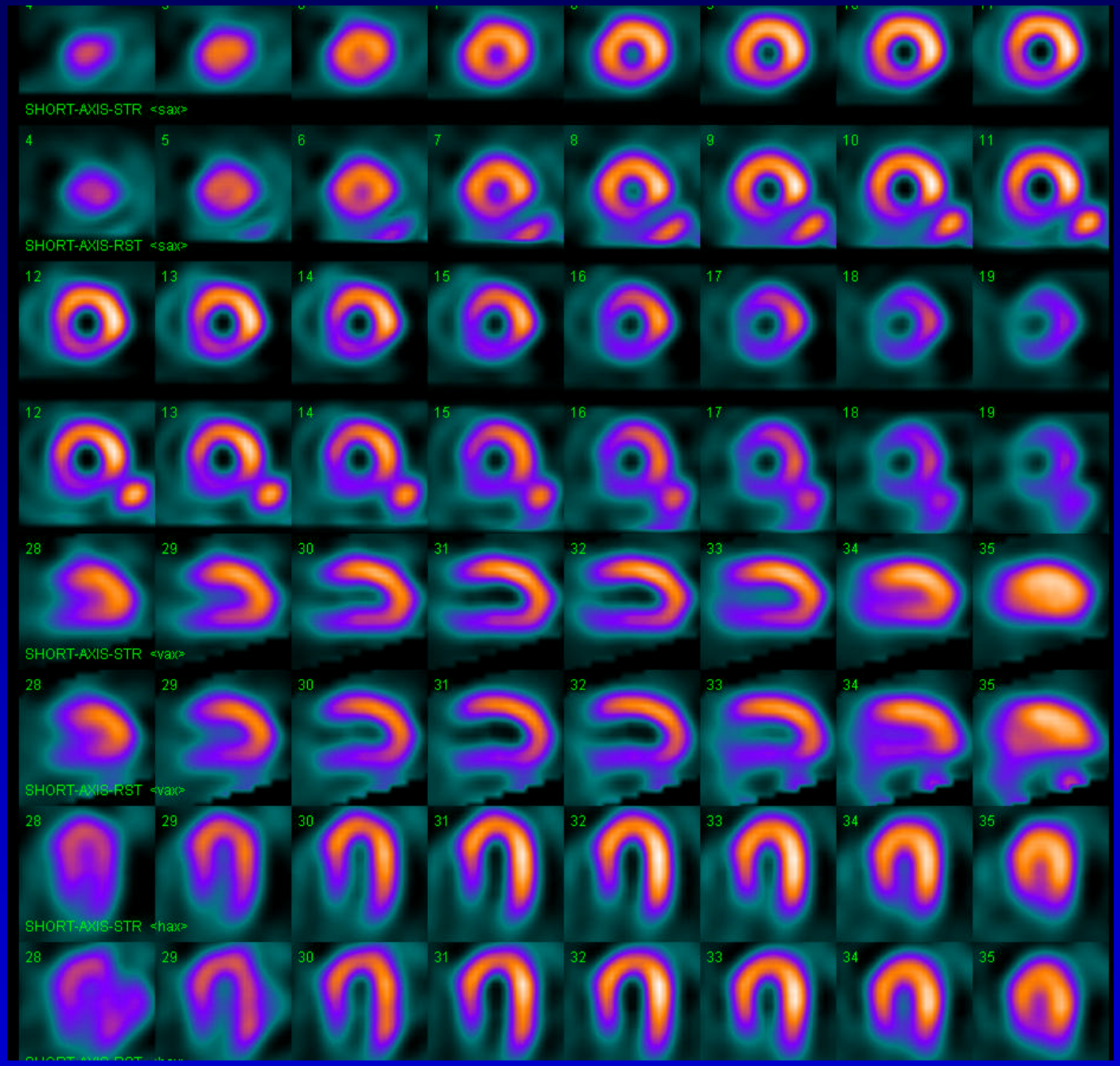


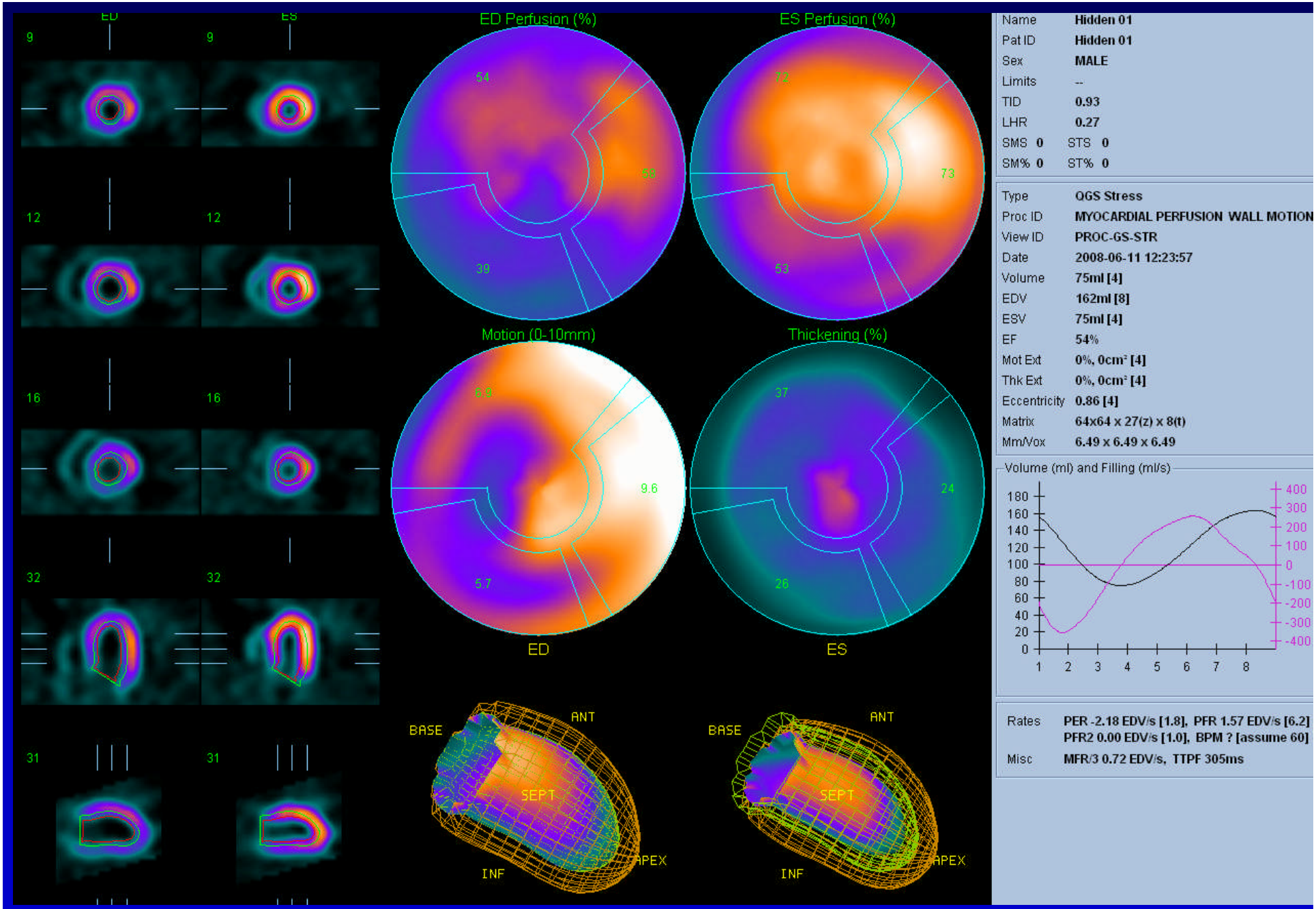
Myocardial Perfusion Imaging: One day rest stress protocol. After the IV administration of 10 mCi Tc 99m sestamibi / tetrofosmin, SPECT images of the heart are acquired. At peak exercise or pharmacologic (dipyridamole/ adenosine/ dobutamine) stress, 30-40 mCi of the tracer is injected and Gated SPECT images of the heart are acquired. The images are reconstructed using filtered back projection and displayed in the standard format. Perfusion and function are quantitated and EF calculated using MPI software. Normal study showing no definite evidence of reversible or fixed defects and normal left ventricular function.


Stress Tc 5 6 7 8 9 10
Apex
Rest Tc 5 6 7 8 9 10
Stress Tc 30
Stress Tc 11 12 13 14 15 16
Base
Rest Tc 11 12 13 14 15 16
Rest 30
Stress Tc 6 7 8 9 10 11 12 13
Septum
Lateral
Rest Tc 6 7 8 9 10 11 12 13
Stress Tc 6 7 8 9 10 11 12 13
Inferior
Anterior

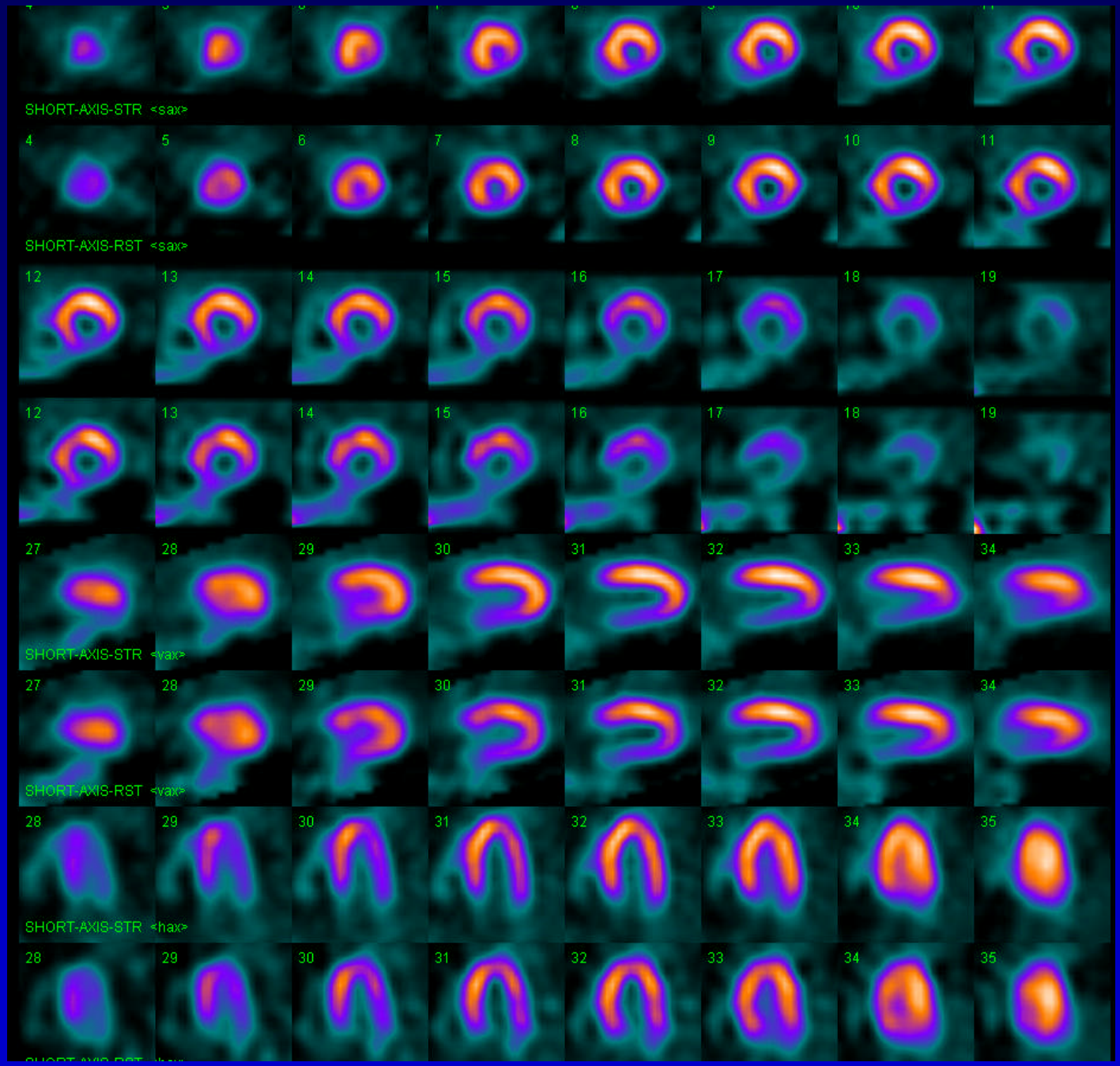


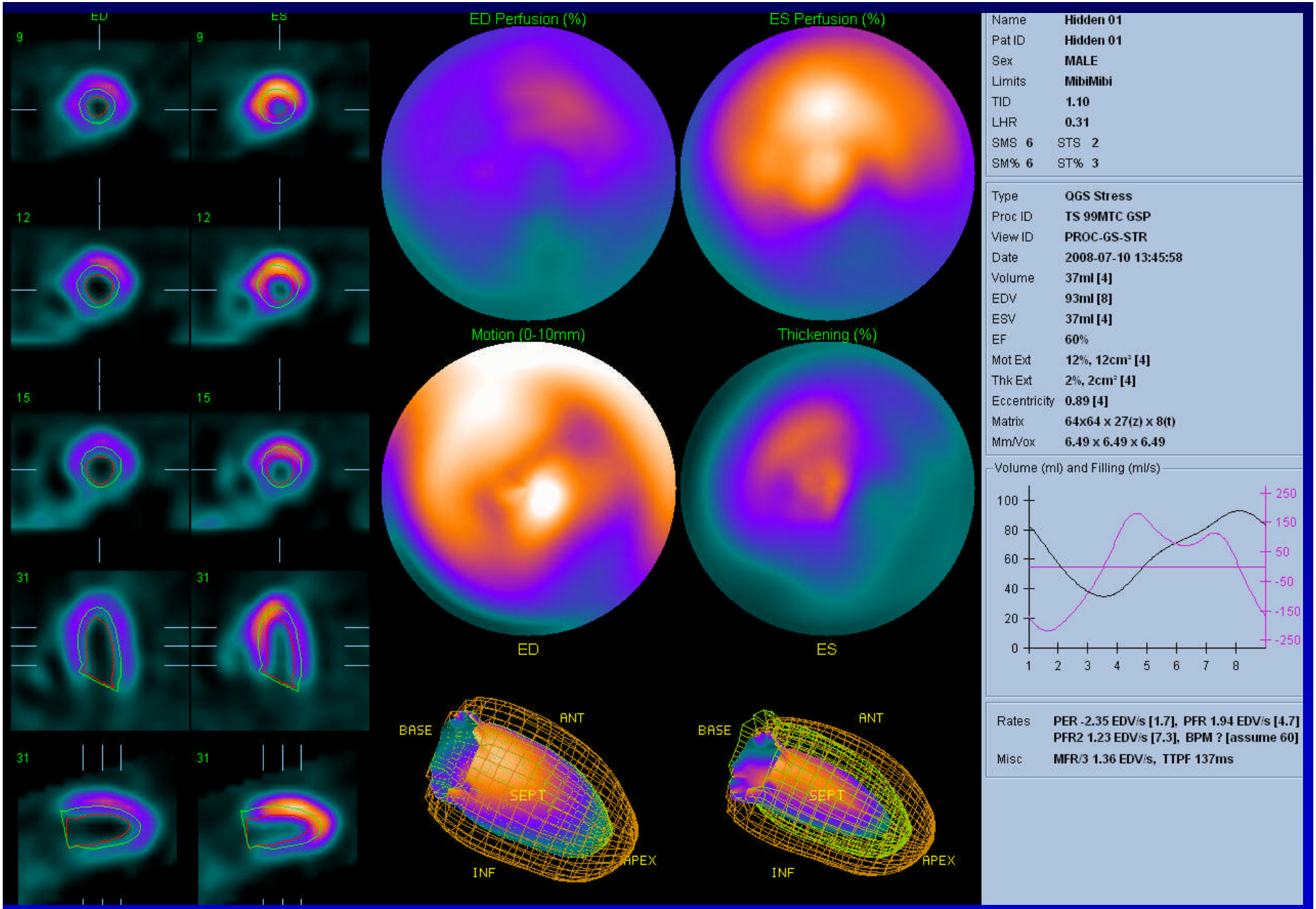
No reversible defects. Normal Function


SHORT-AXIS-STR <sax>
4 5 6 7 8 9 10 11
SHORT-AXIS-RST <sax>
12 13 14 15 16 17 18 19
12 13 14 15 16 17 18 19
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
28 29 30 31 32 33 34 35

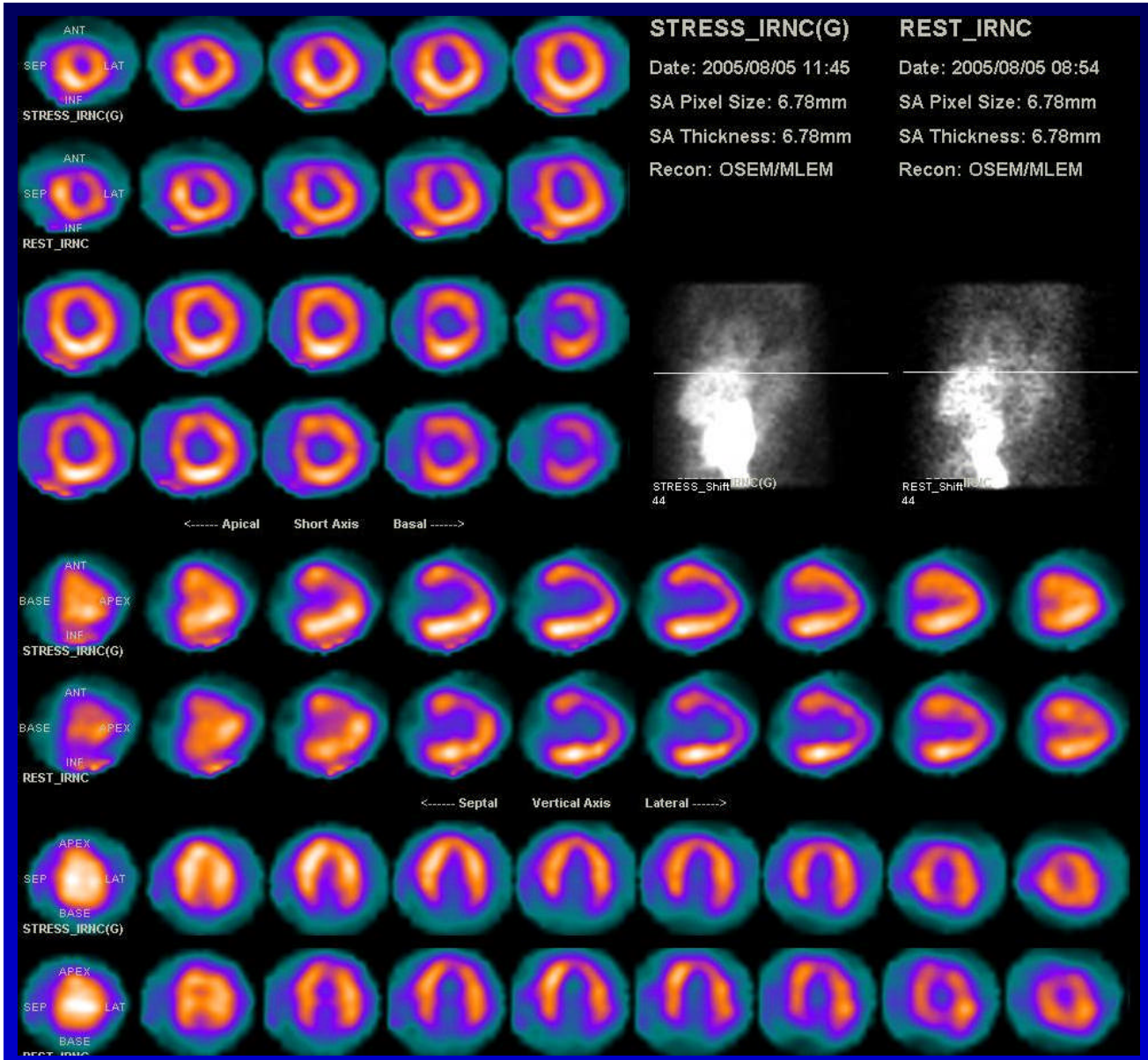


No reversible defects. Normal Function. Inferior wall attenuation

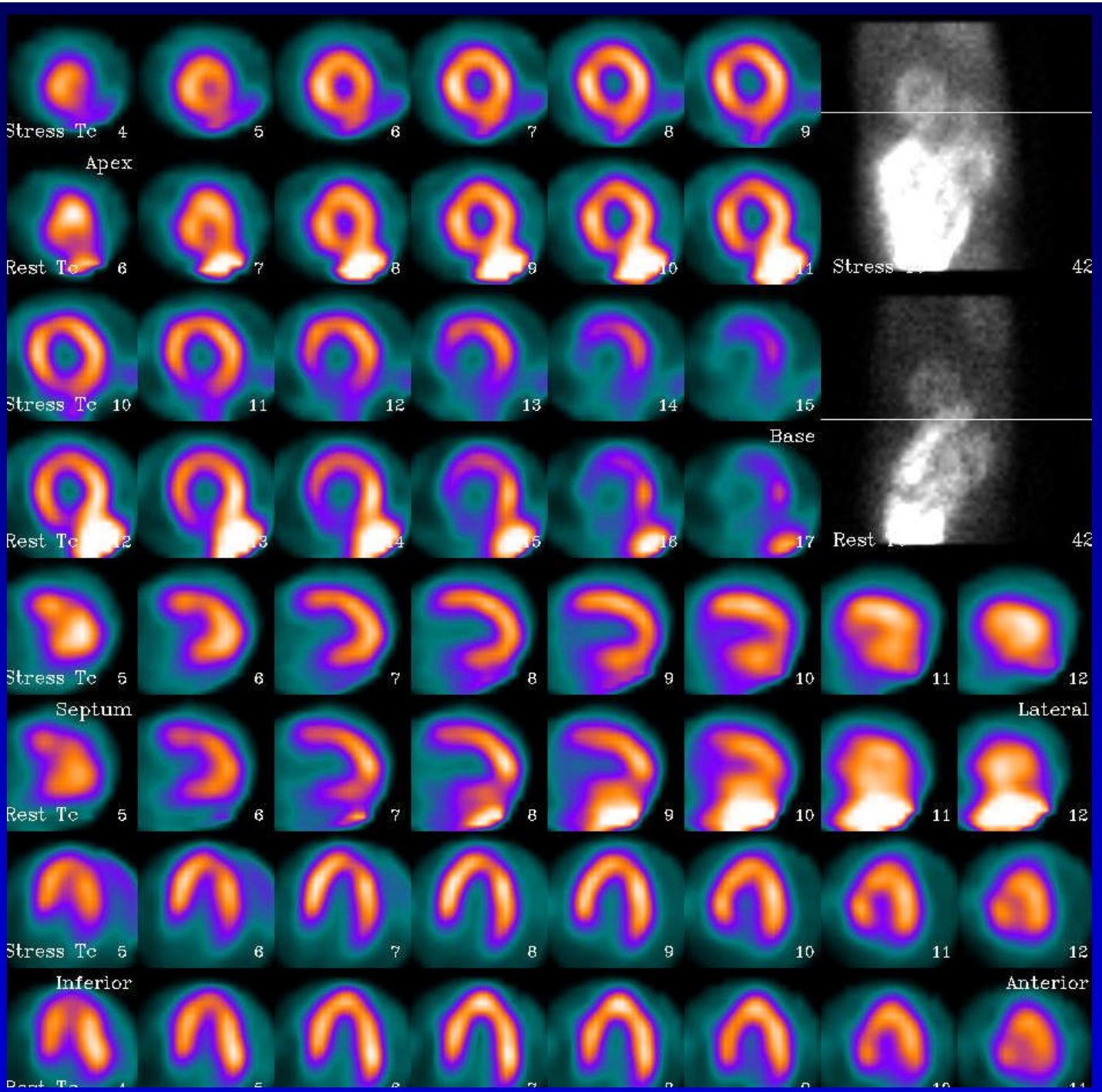

SHORT-AXIS-STR <sax>
4 5 6 7 8 9 10 11
SHORT-AXIS-RST <sax>
12 13 14 15 16 17 18 19
12 13 14 15 16 17 18 19
27 28 29 30 31 32 33 34
SHORT-AXIS-STR <vax>
27 28 29 30 31 32 33 34
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
28 29 30 31 32 33 34 35

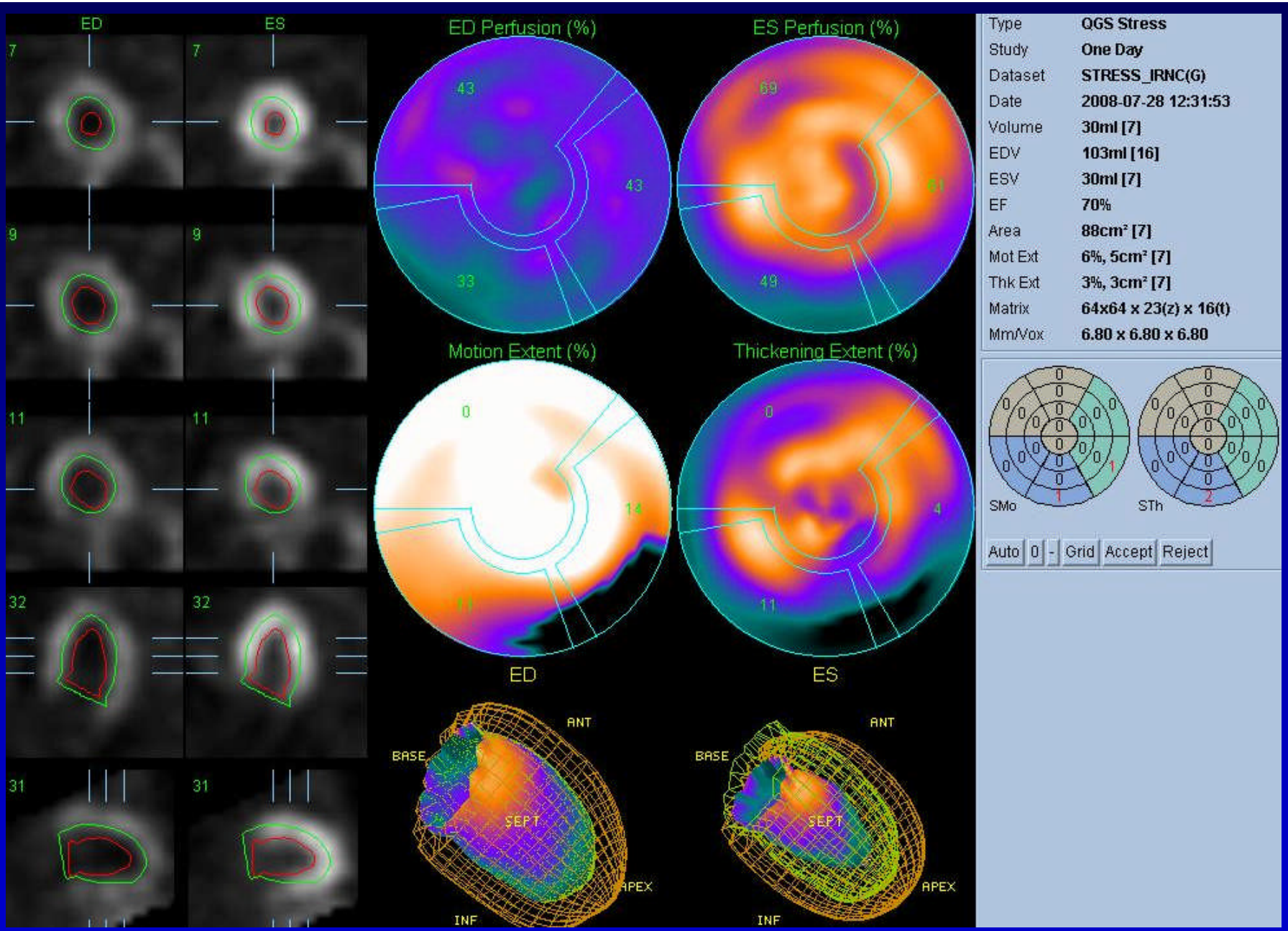


No reversible defects. Normal Function. Inferior wall attenuation

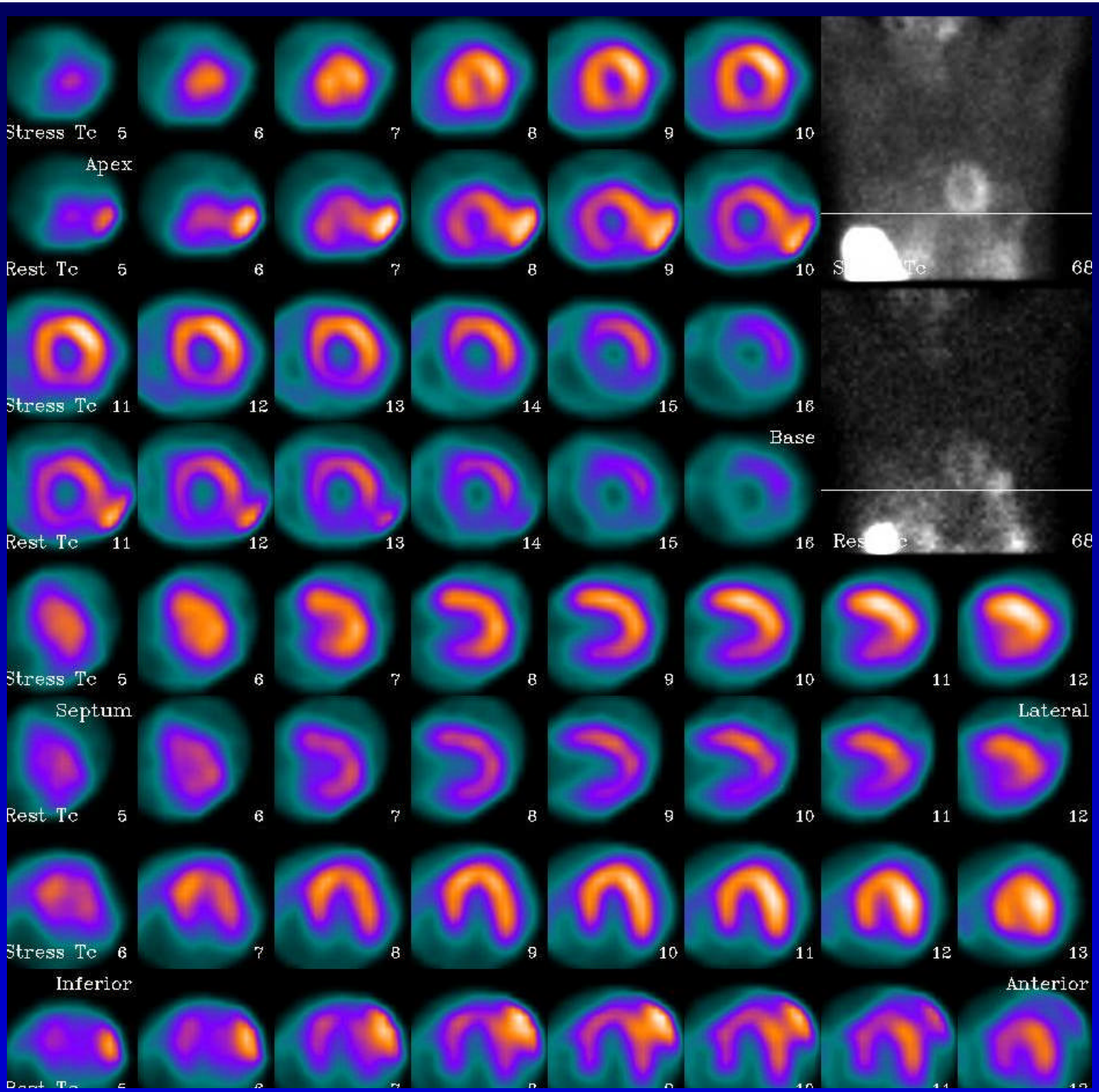


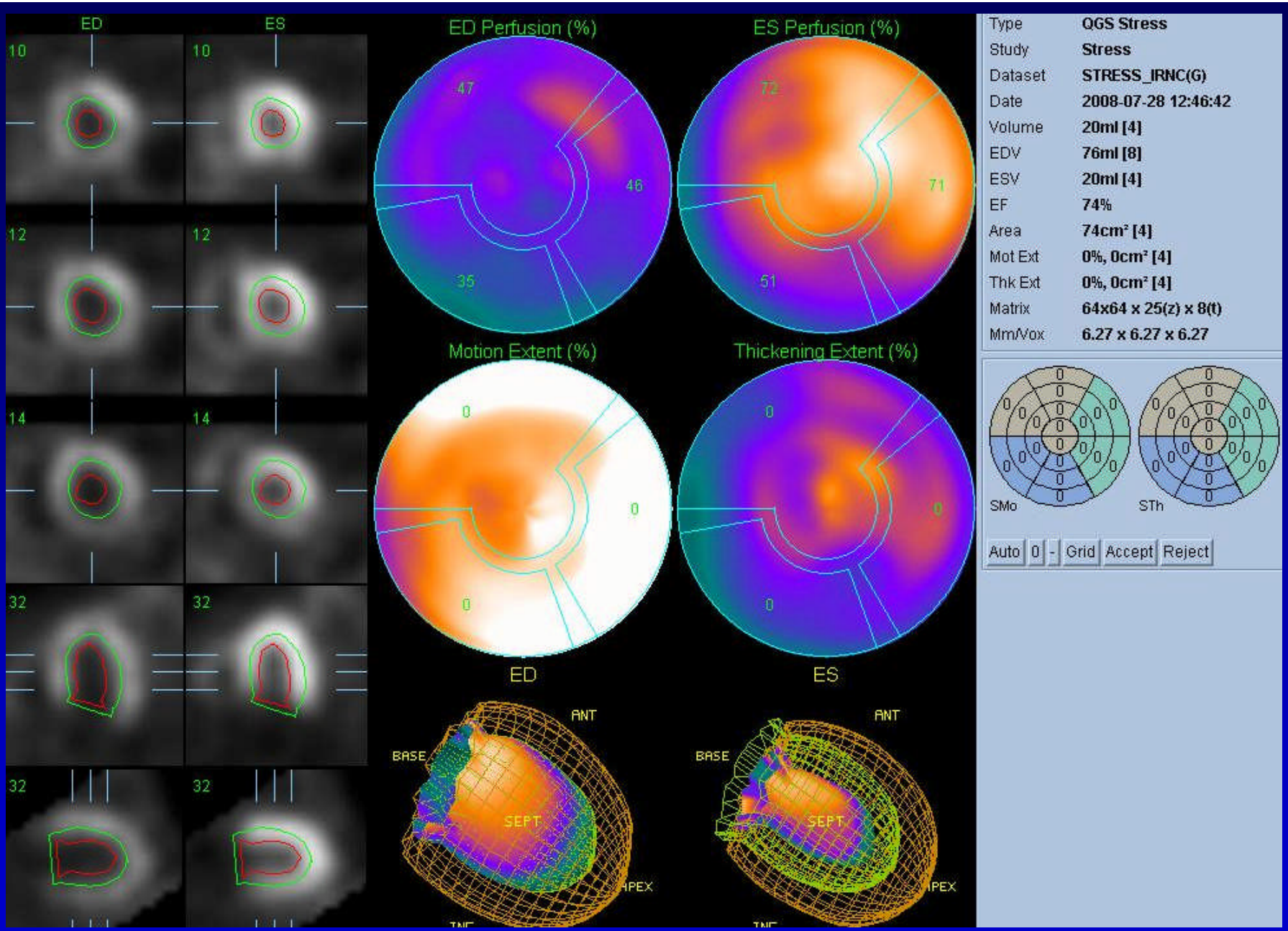
A fixed anterior wall defect which could be an attenuation artifact (breast attenuation in females) or a scar from prior MI. Correlation with Gated images is helpful in differentiation. Scar shows hypokinesis and an artifact shows normal wall motion and thickening


Stress Tc 4
5
6
7
8
9
Apex
Rest Tc 6
7
8
9
10
11
Stress 42
Stress Tc 10
11
12
13
14
15
Base
Rest Tc 12
13
14
15
16
17
Rest 42
Stress Tc 5
6
7
8
9
10
11
12
Septum
Lateral
Rest Tc 5
6
7
8
9
10
11
12
Stress Tc 5
6
7
8
9
10
11
12
Inferior
Anterior

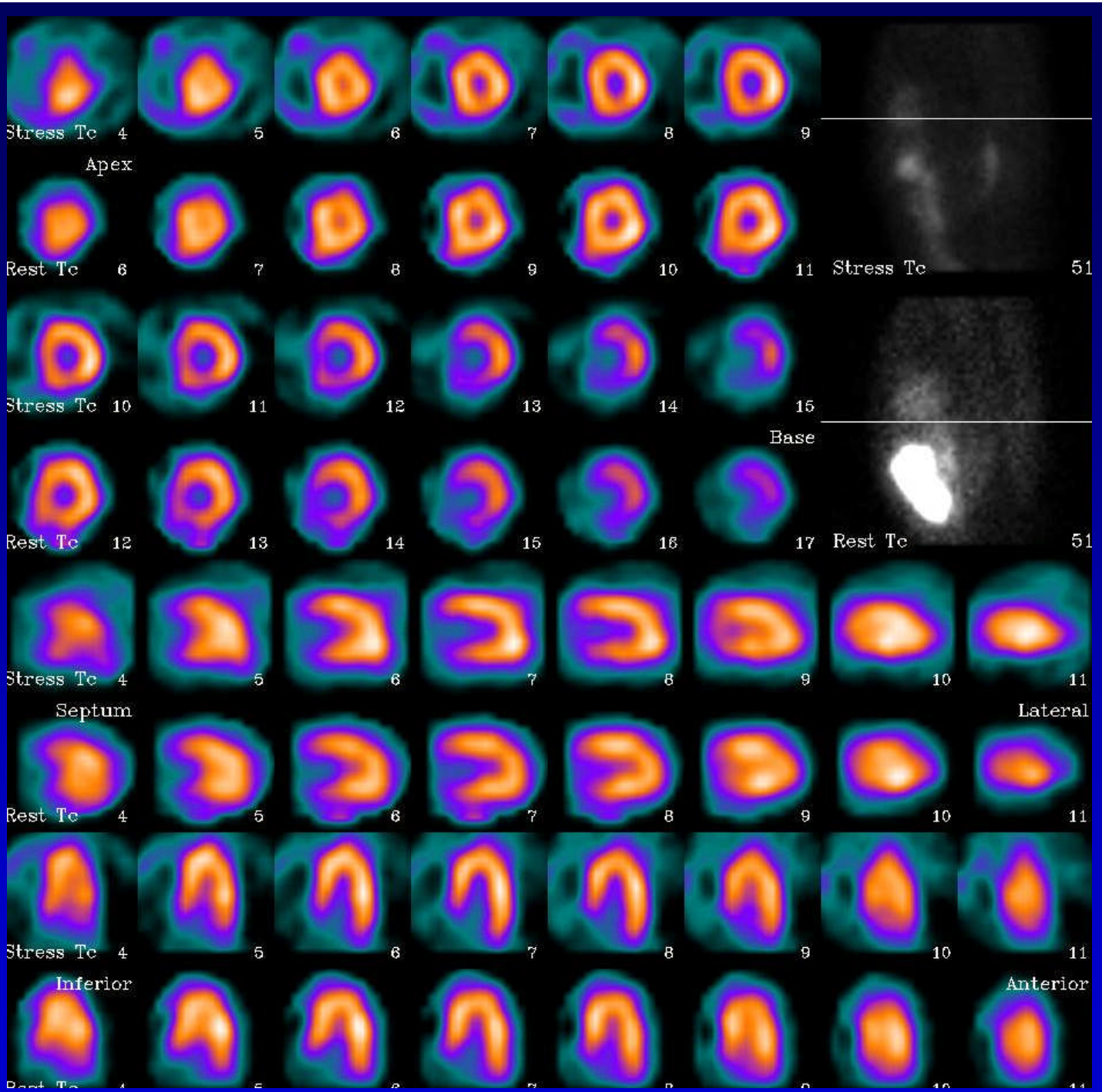


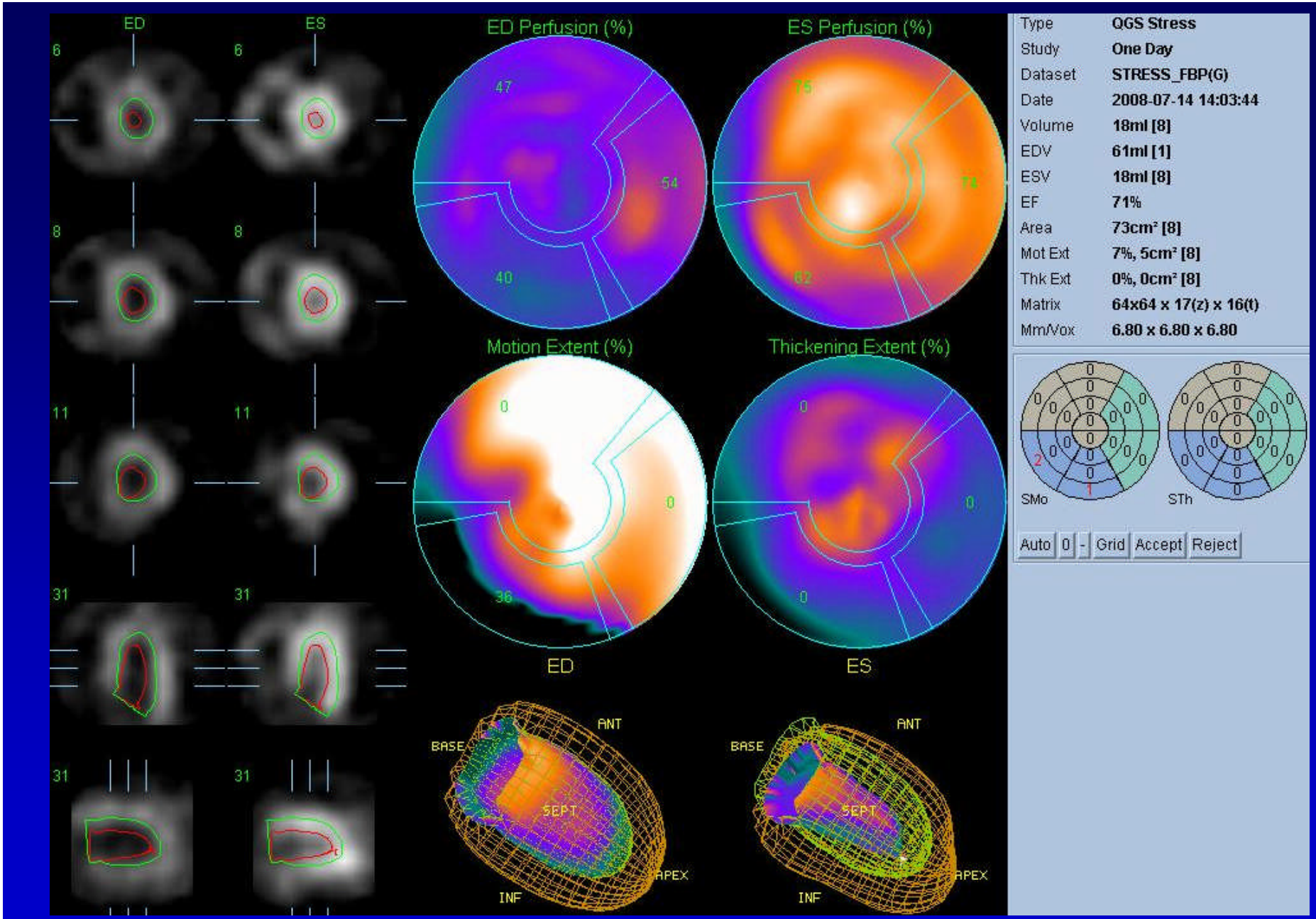
No reversible defects. Normal function. Artifactual extra-cardiac uptake in stomach


Stress Tc 5 6 7 8 9 10
Apex
Rest Tc 5 6 7 8 9 10
Stress Tc 11 12 13 14 15 16
Base
Rest Tc 11 12 13 14 15 16
Stress Tc 5 6 7 8 9 10 11 12
Septum
Lateral
Rest Tc 5 6 7 8 9 10 11 12
Stress Tc 6 7 8 9 10 11 12 13
Inferior
Anterior

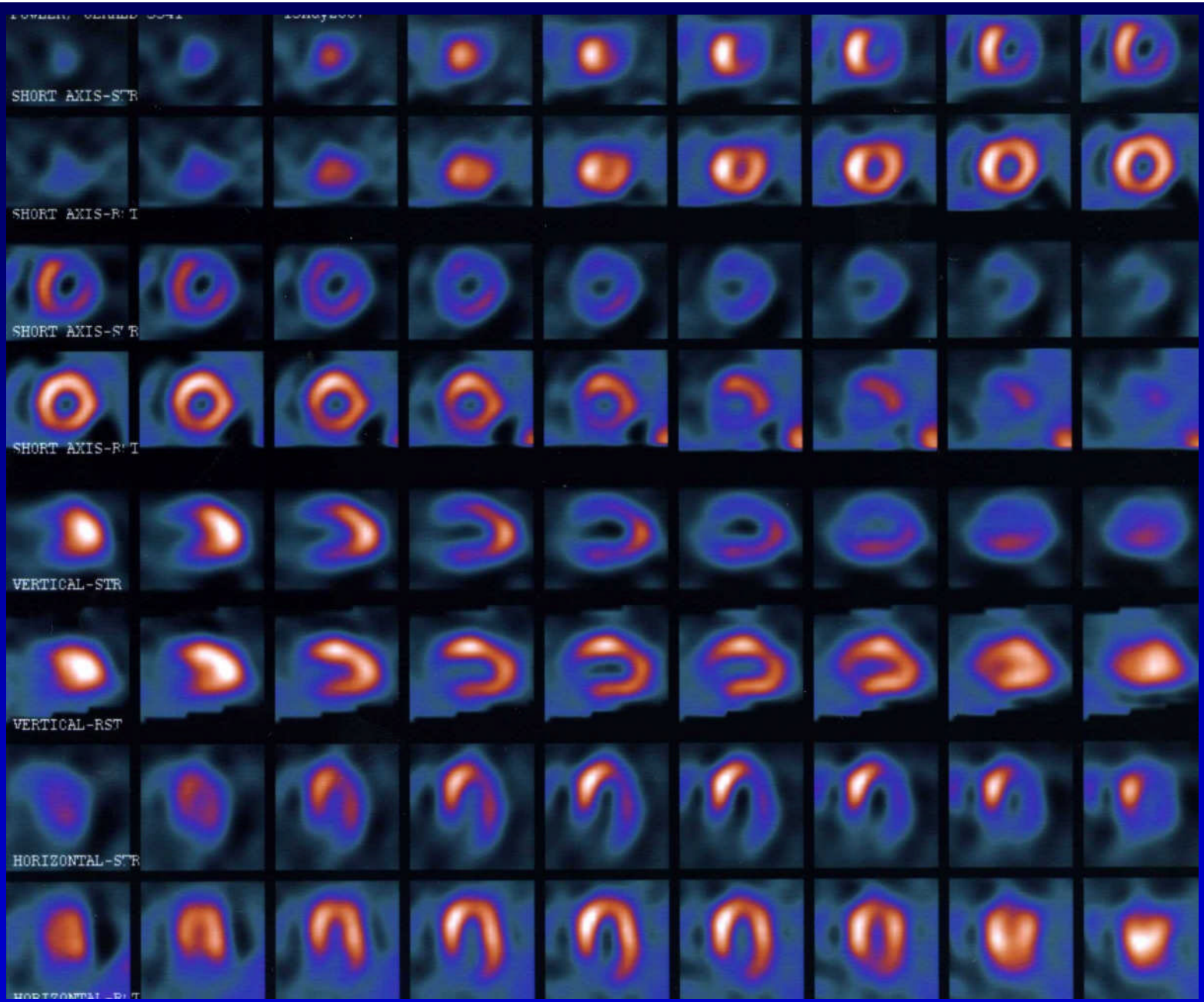


No reversible defects. Normal function. Artifactual extra-cardiac uptake in colon

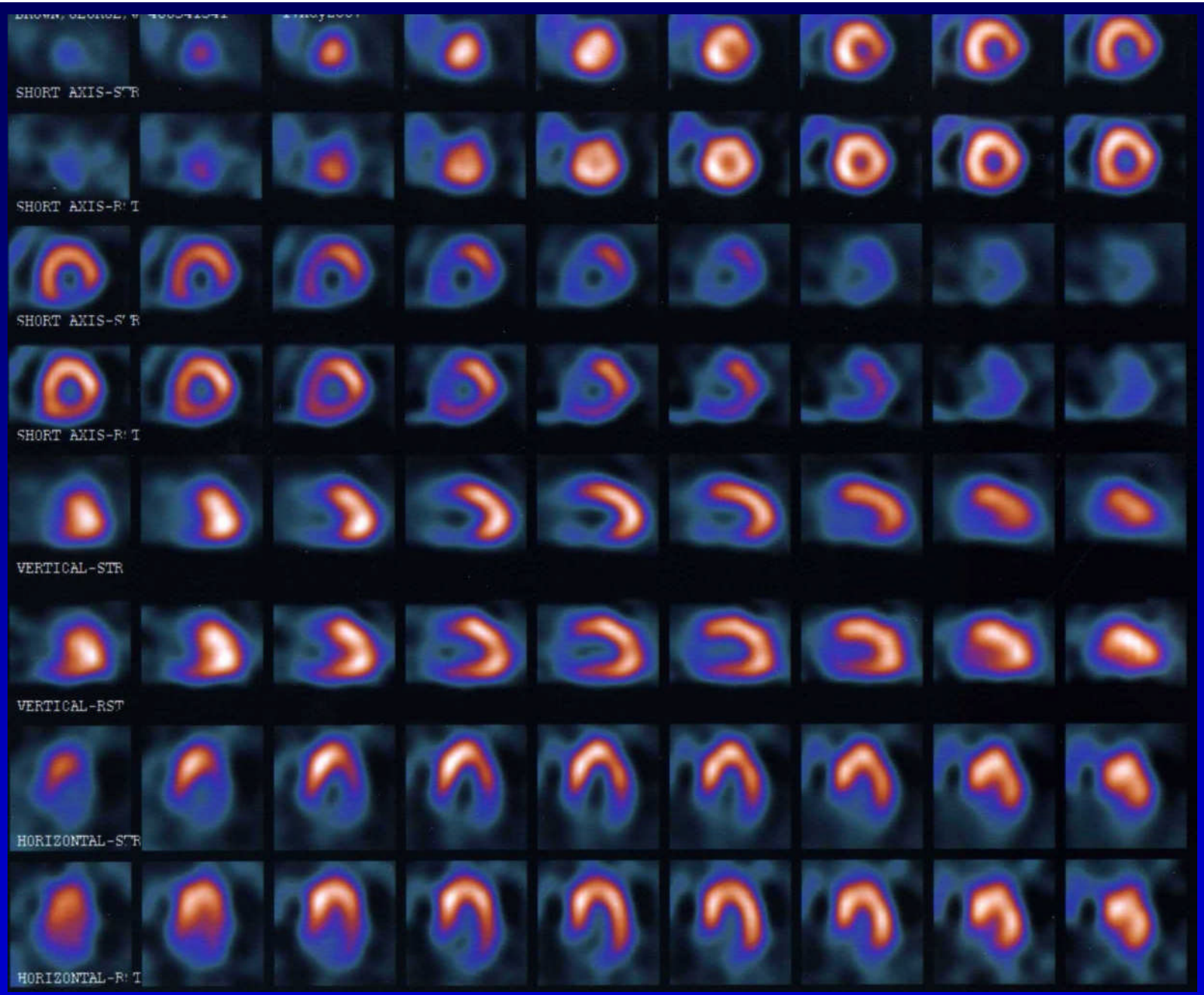

Stress Tc 4 5 6 7 8 9
Apex
Rest Tc 6 7 8 9 10 11
Stress Tc 51
Stress Tc 10 11 12 13 14 15
Base
Rest Tc 12 13 14 15 16 17
Rest Tc 51
Stress Tc 4 5 6 7 8 9 10 11
Septum
Lateral
Rest Tc 4 5 6 7 8 9 10 11
Stress Tc 4 5 6 7 8 9 10 11
Inferior
Anterior



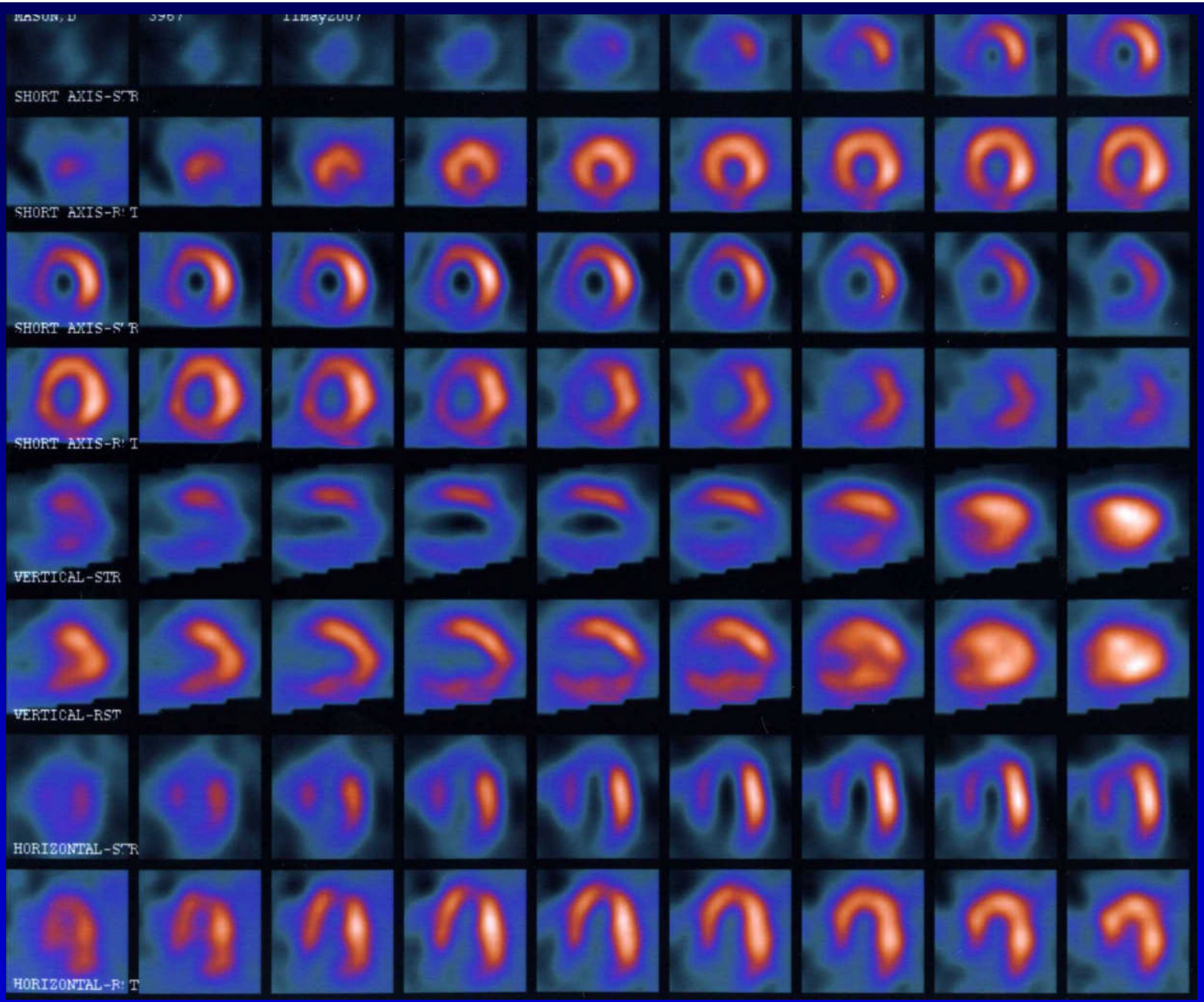
No reversible defects. Normal Function. Patient motion and Arm attenuation



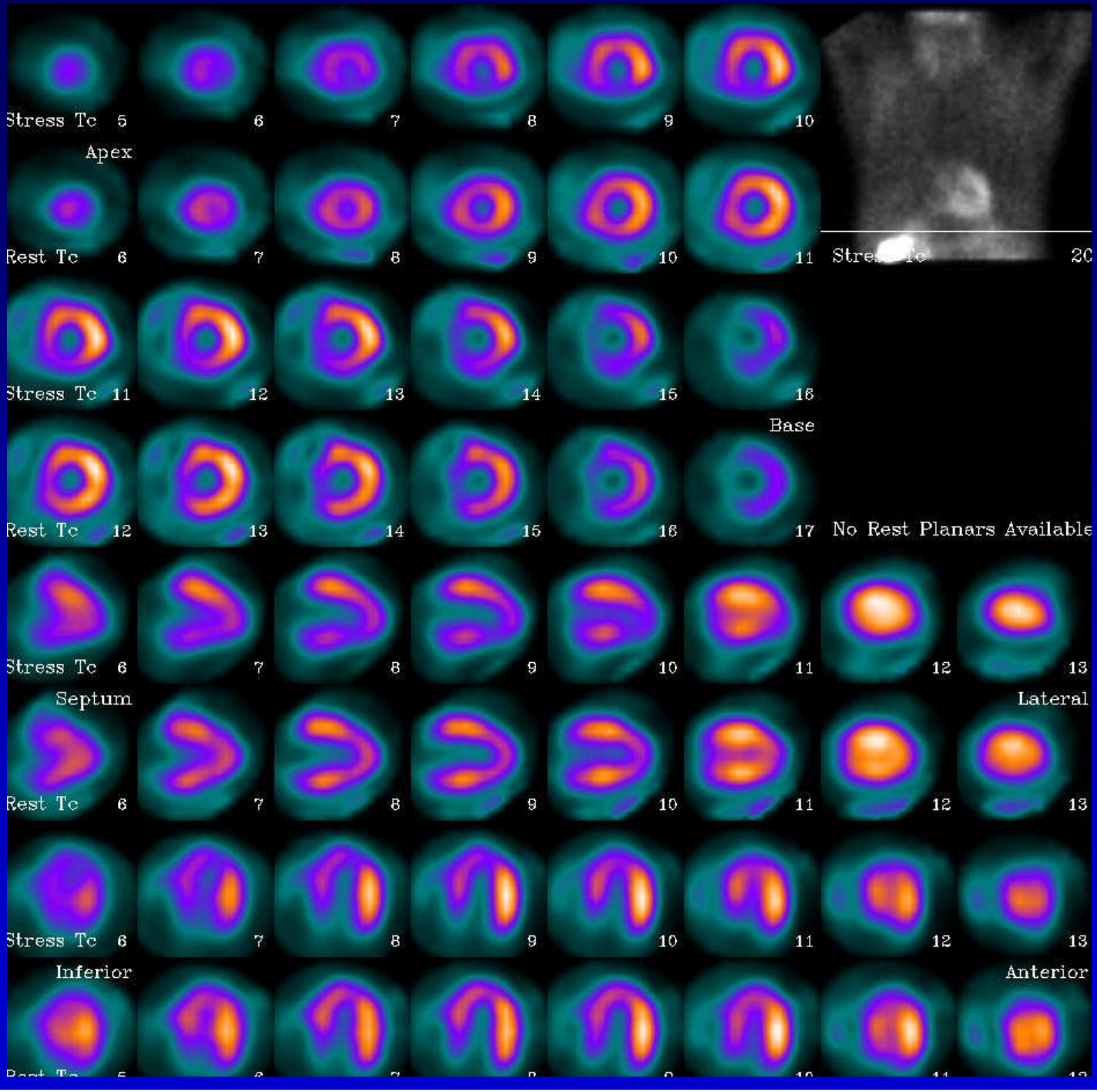
Circumflex and RCA Ischemia

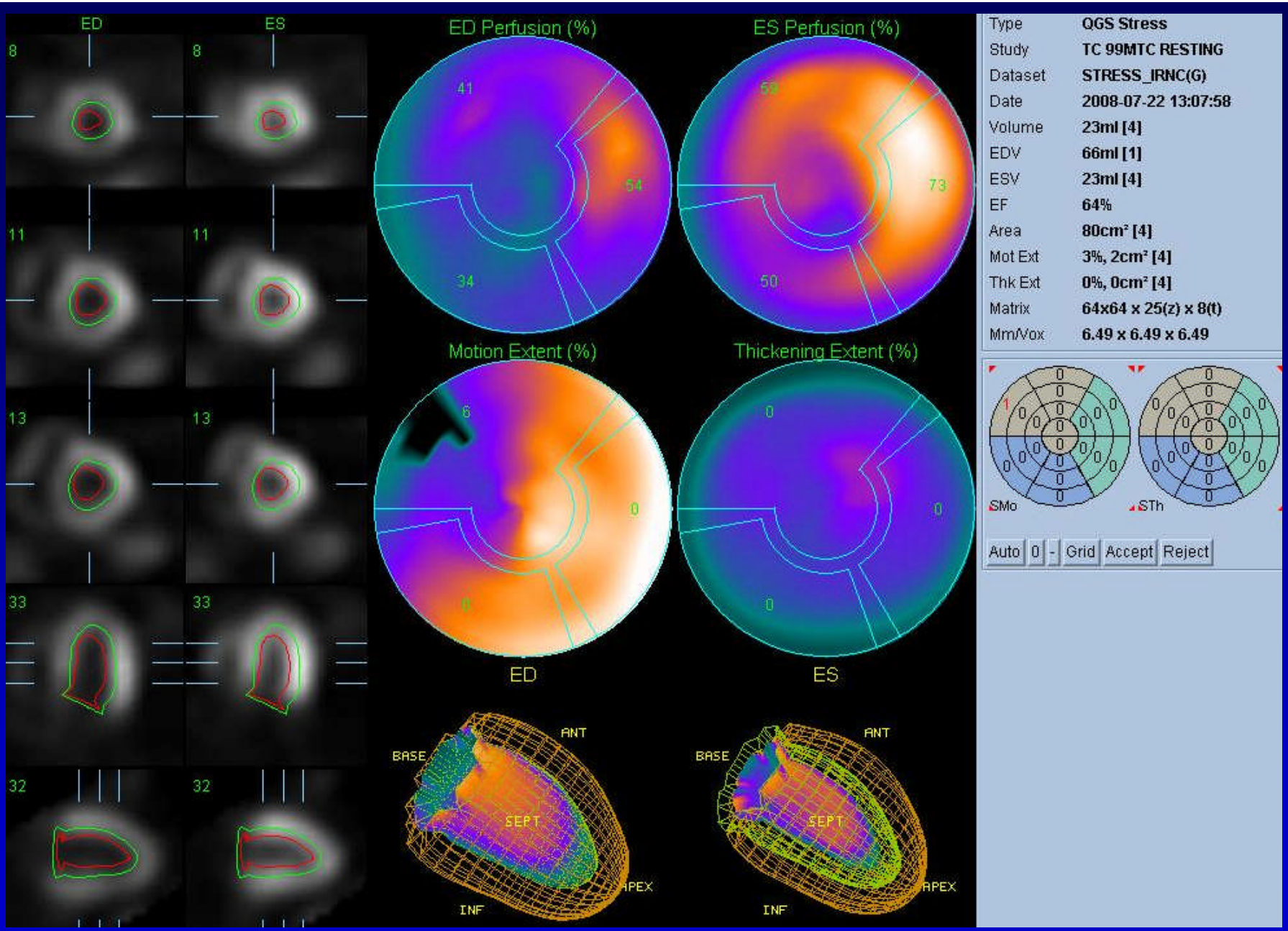


RCA and Circumflex Ischemia

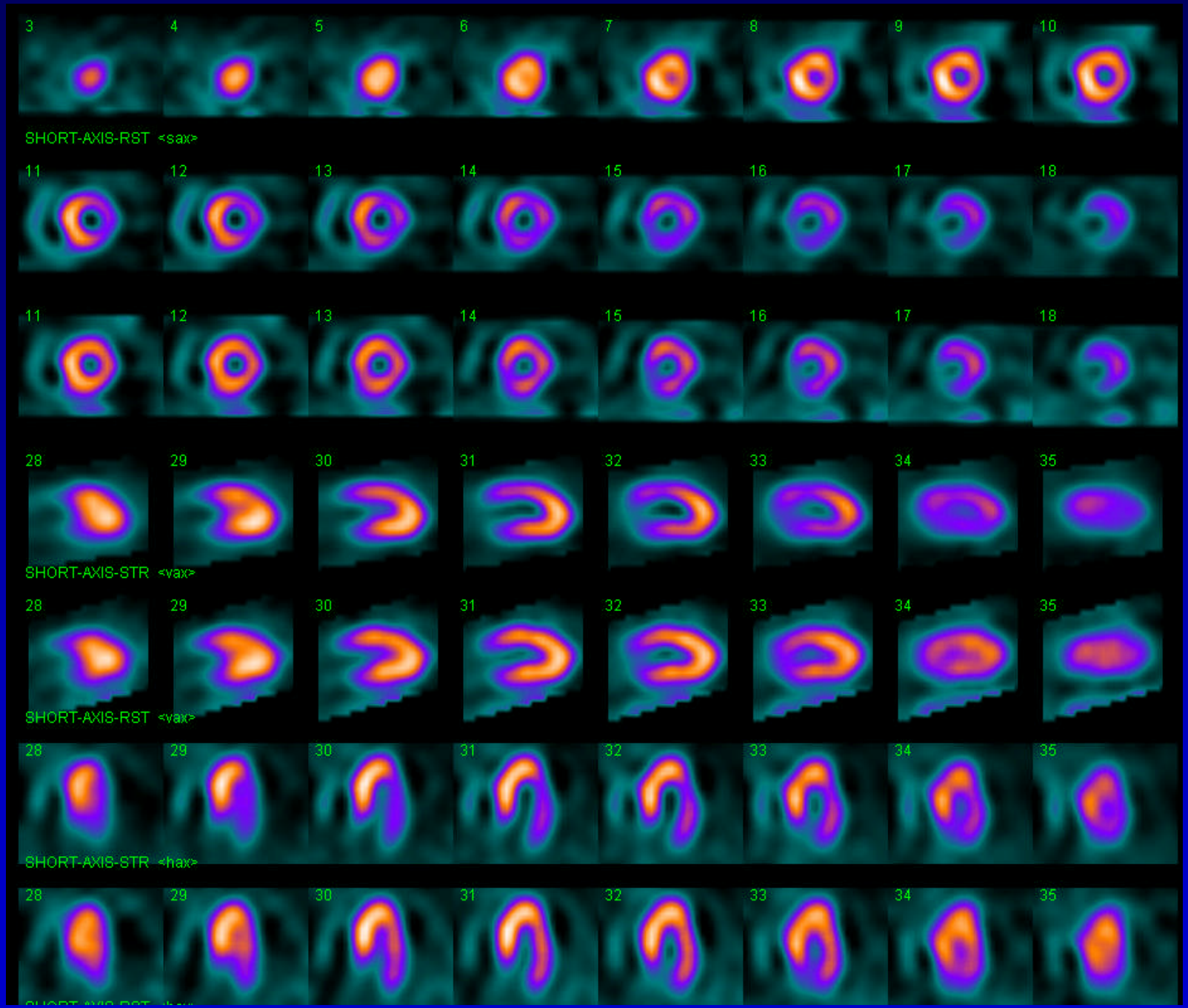


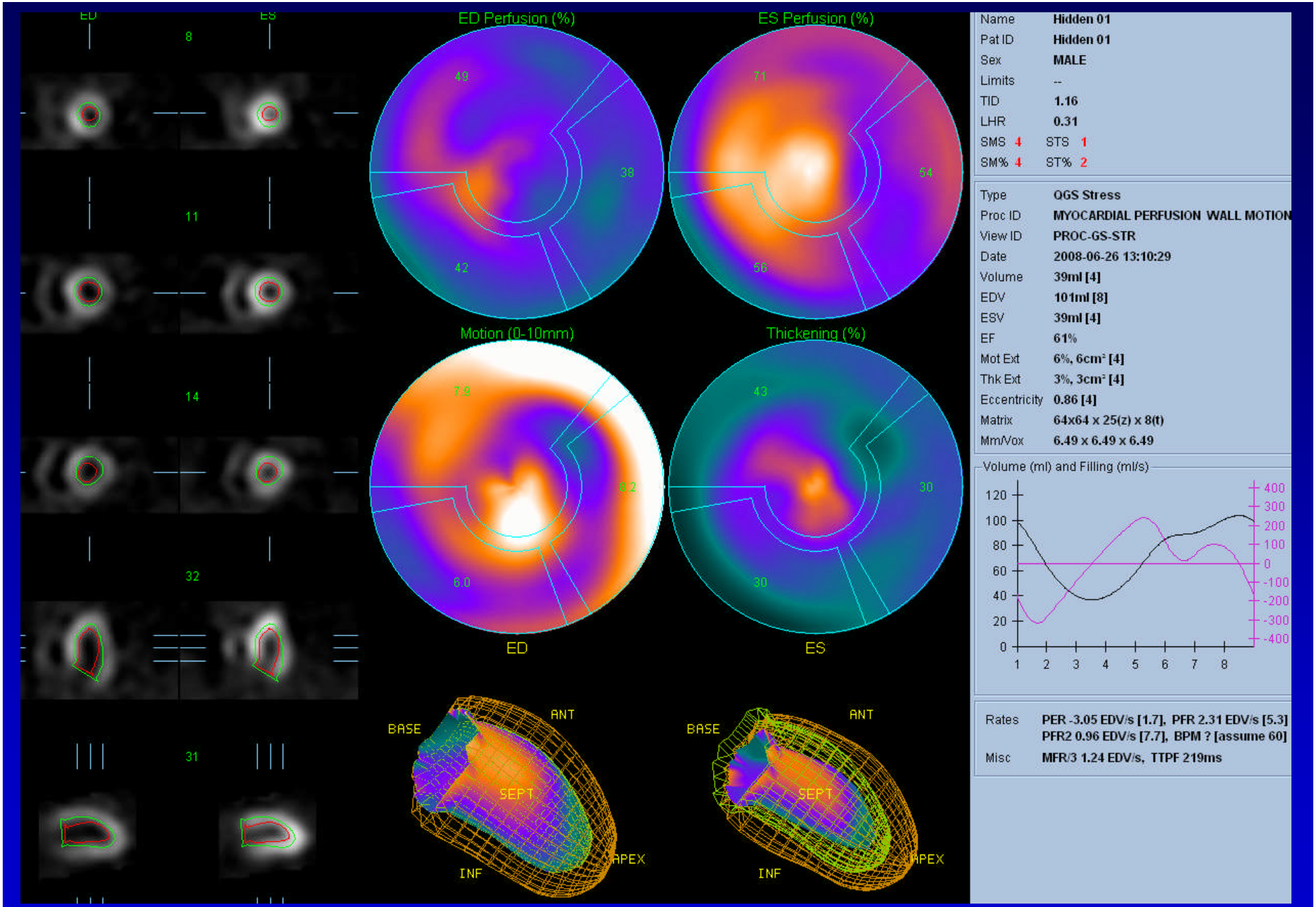
LAD and RCA Ischemia


Stress Tc 5 6 7 8 9 10
Apex
Rest Tc 6 7 8 9 10 11
Stress Tc 11 12 13 14 15 16
Base
Rest Tc 12 13 14 15 16 17
Stress Tc 6 7 8 9 10 11 12 13
Septum
Lateral
Rest Tc 6 7 8 9 10 11 12 13
Stress Tc 6 7 8 9 10 11 12 13
Inferior
Anterior
No Rest Planars Available

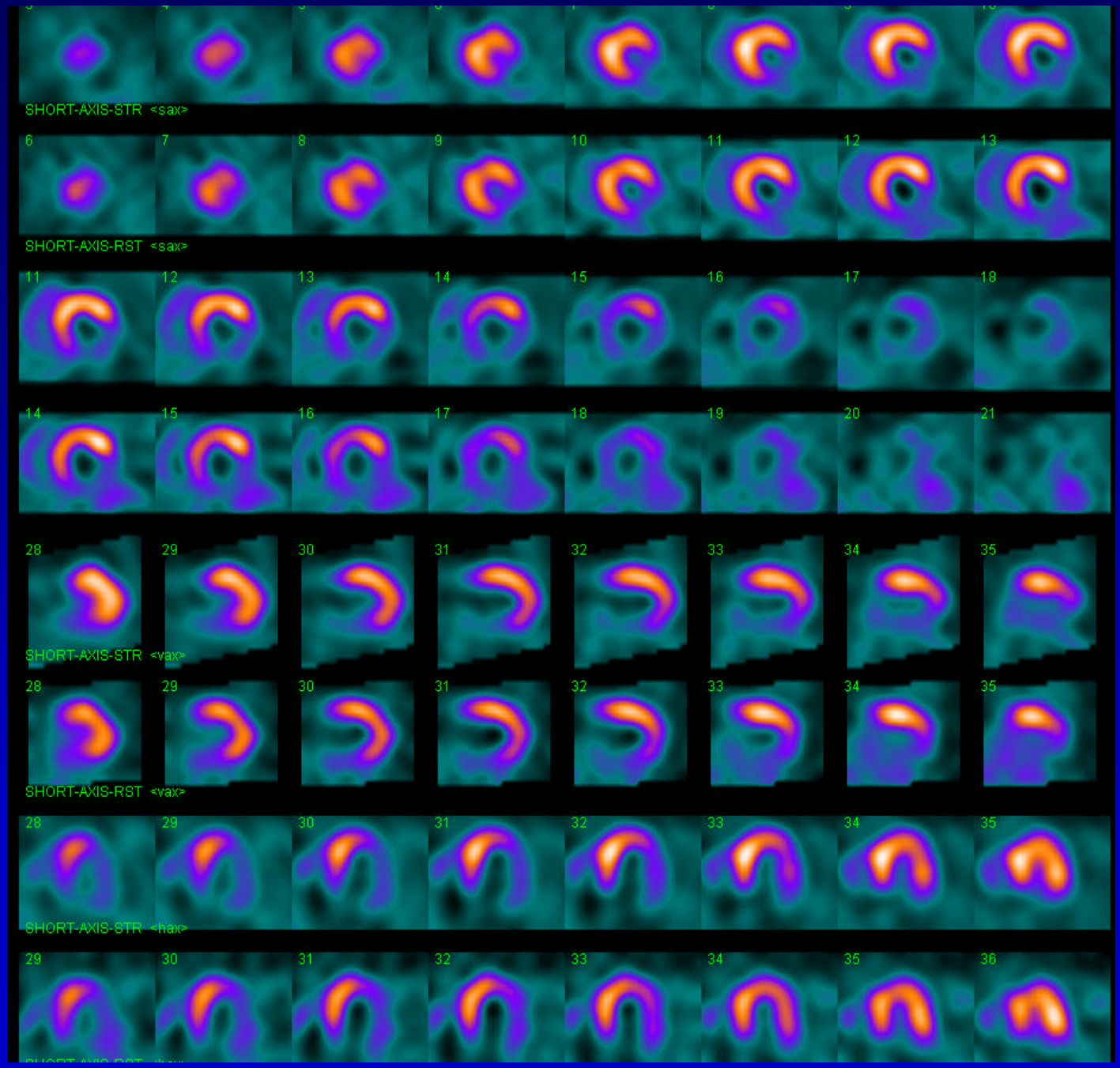


Reversible defect in the inferior wall and apex. Normal function


3 4 5 6 7 8 9 10
SHORT-AXIS-RST <sax>
11 12 13 14 15 16 17 18
11 12 13 14 15 16 17 18
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
28 29 30 31 32 33 34 35



Reversible defect in the lateral wall. Normal function


SHORT-AXIS-STR <sax>
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SHORT-AXIS-RST <sax>
11 12 13 14 15 16 17 18
14 15 16 17 18 19 20 21
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <vax>
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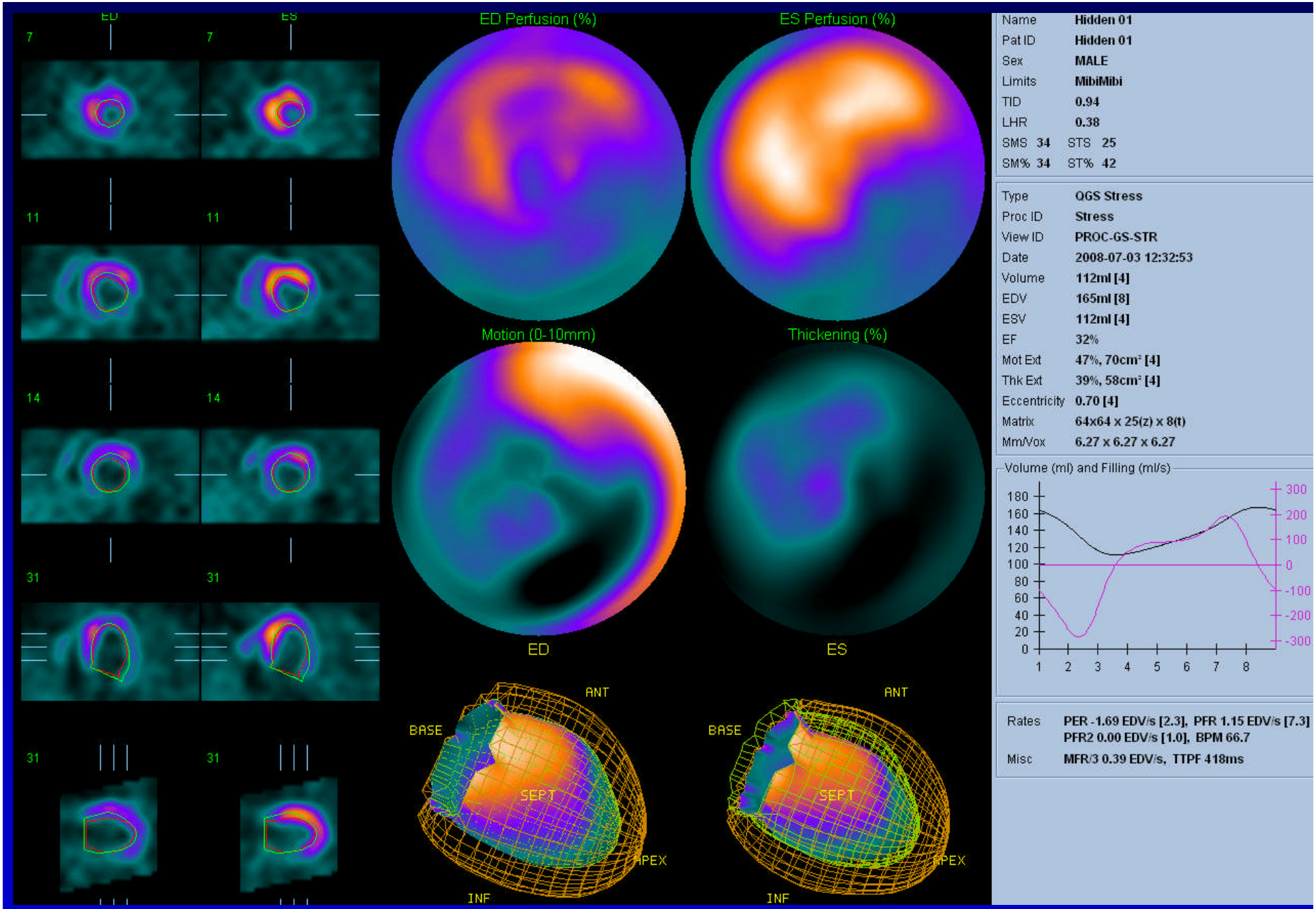
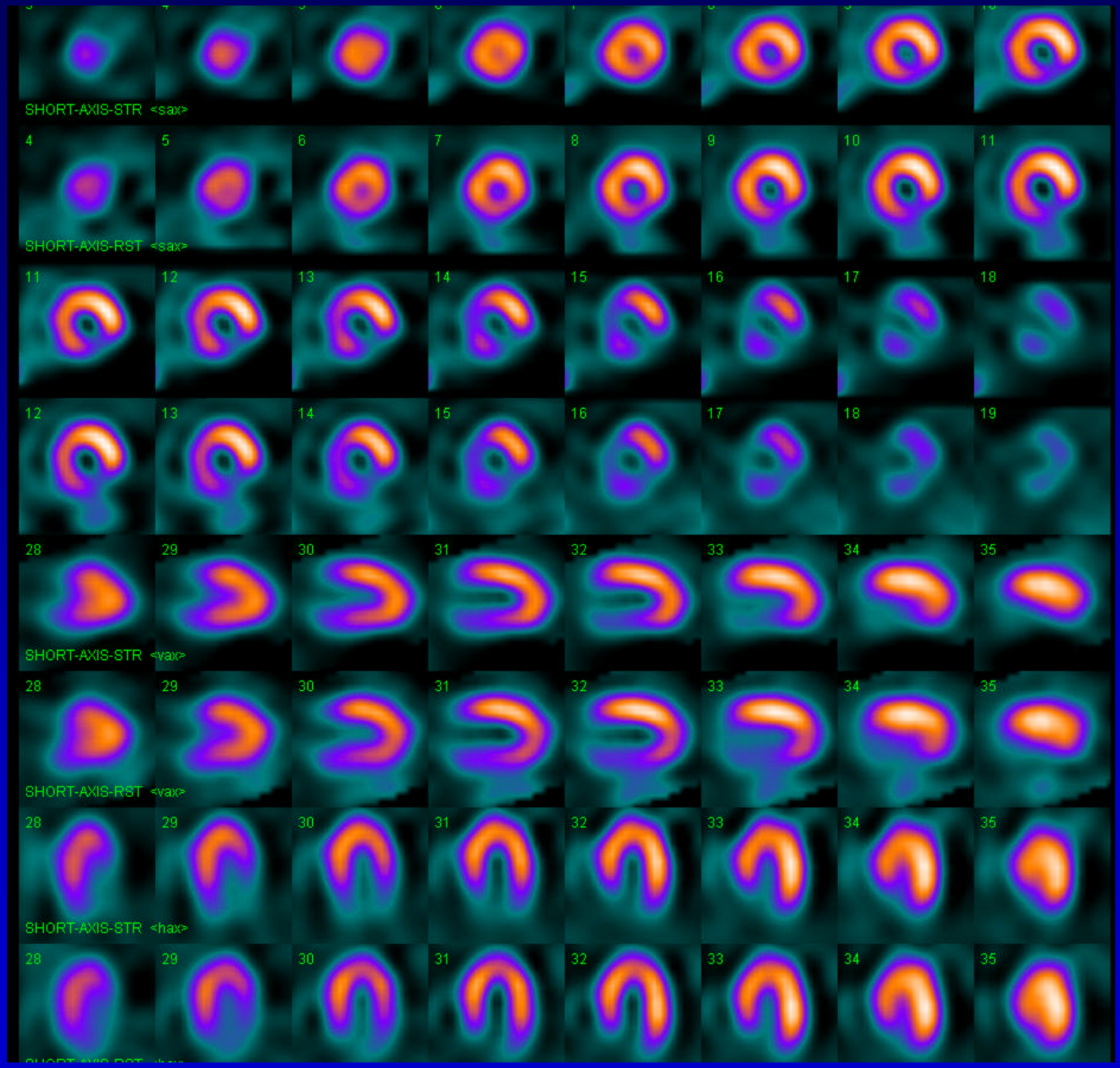
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
29 30 31 32 33 34 35 36



RCA Infarct. No Ischemia. Global Hypokinesis. Ischemic Cardiomyopathy


SHORT-AXIS-STR <sax>
4 5 6 7 8 9 10 11
SHORT-AXIS-RST <sax>
11 12 13 14 15 16 17 18
12 13 14 15 16 17 18 19
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <vax>
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SHORT-AXIS-RST <vax>
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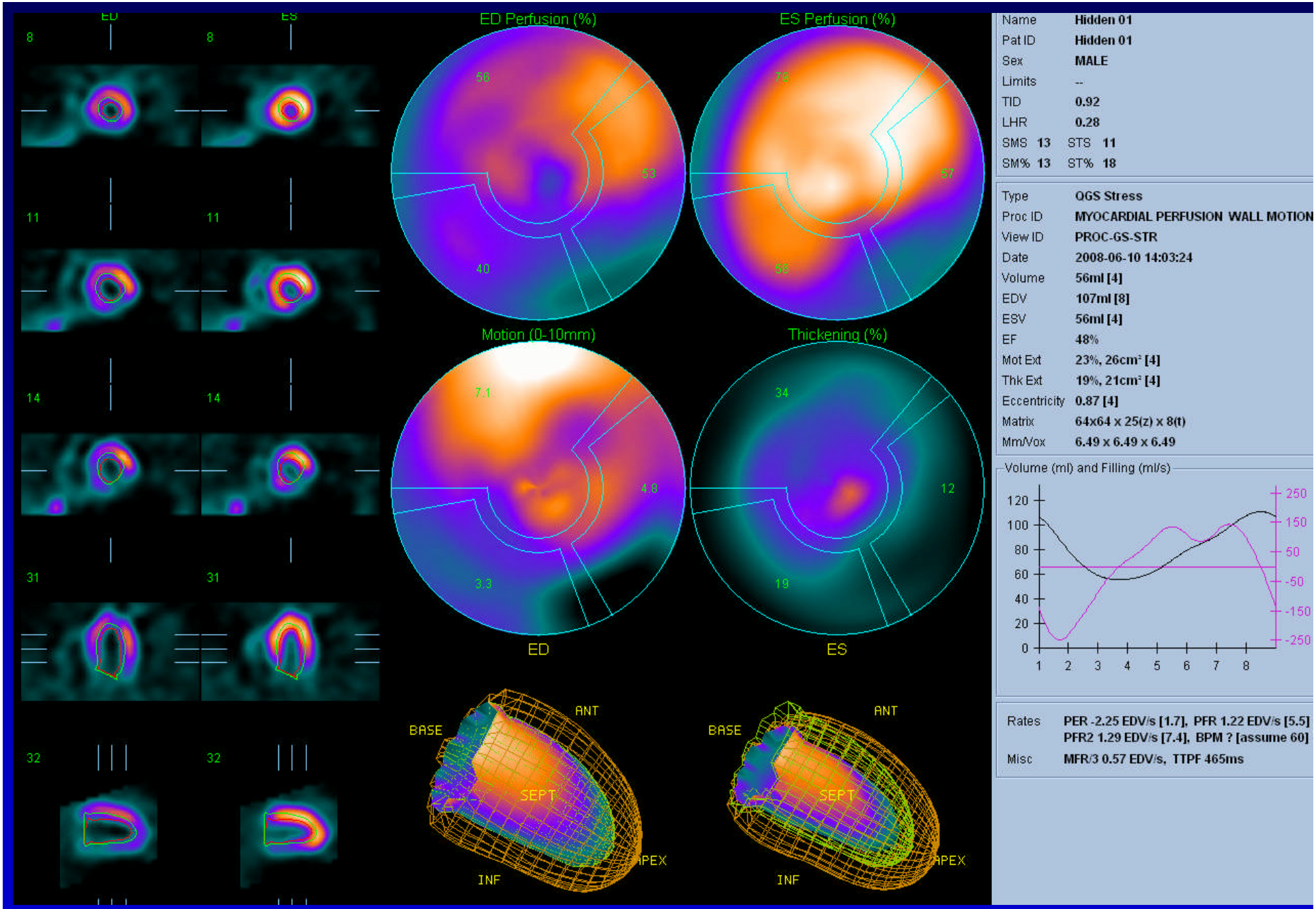
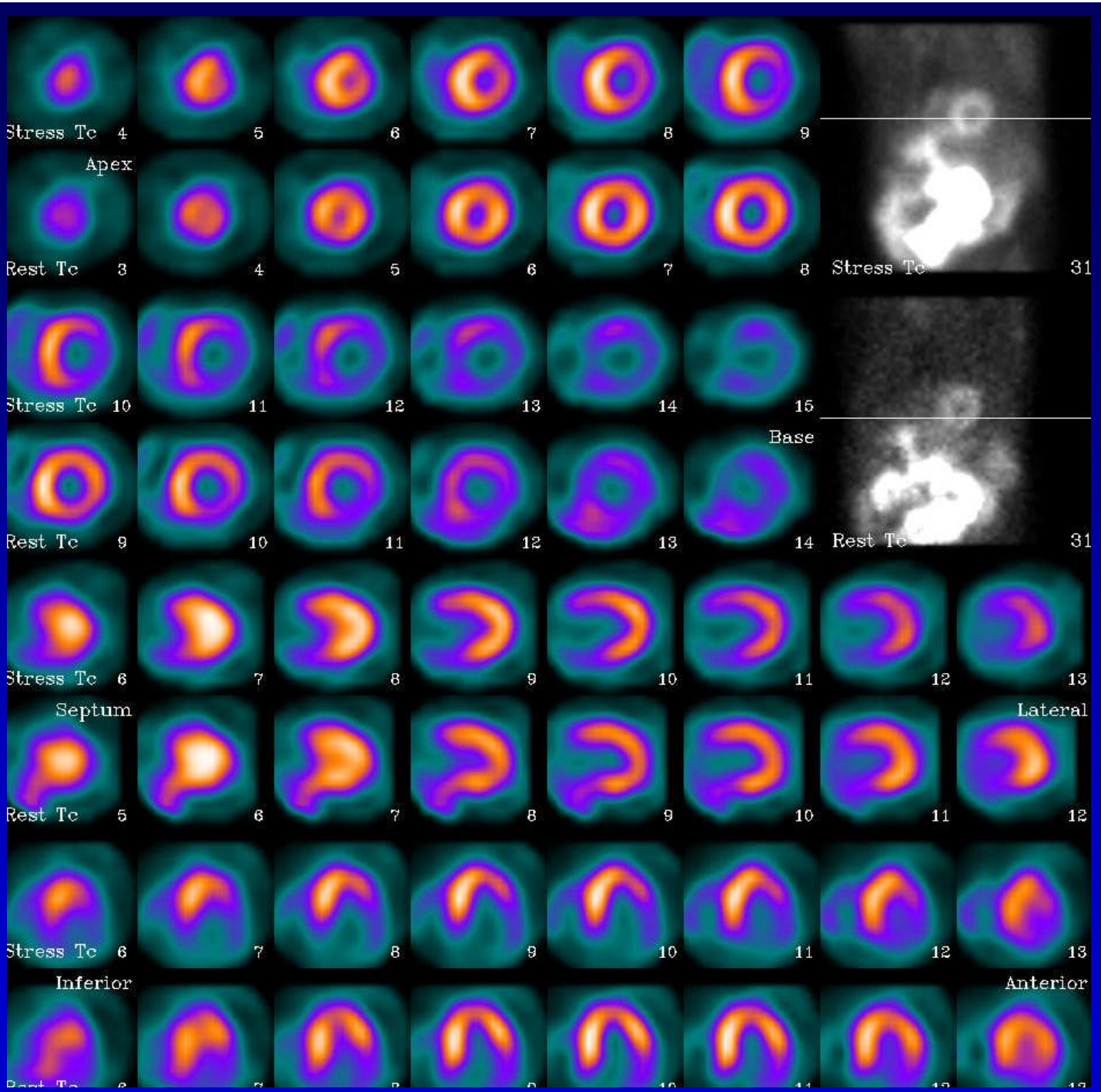
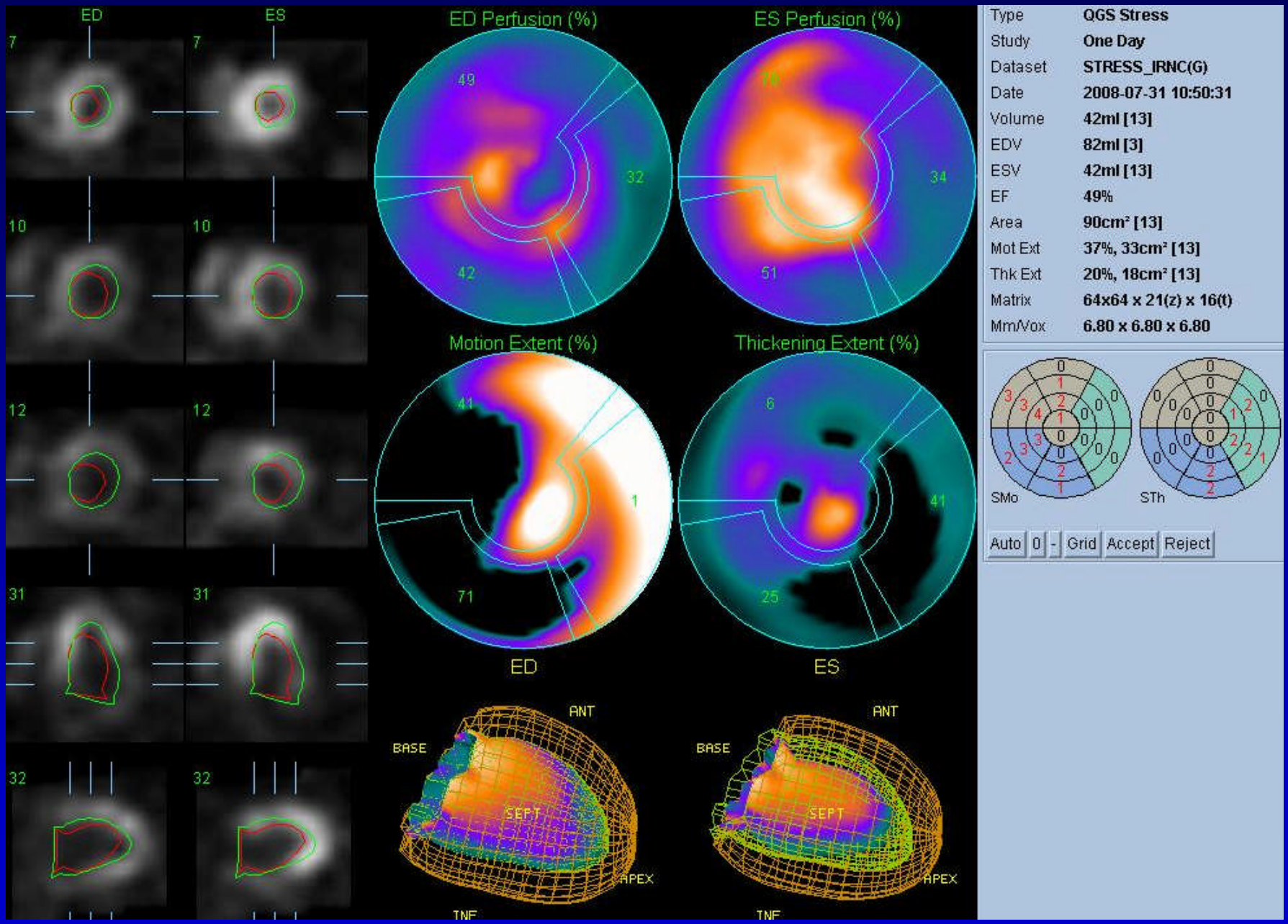
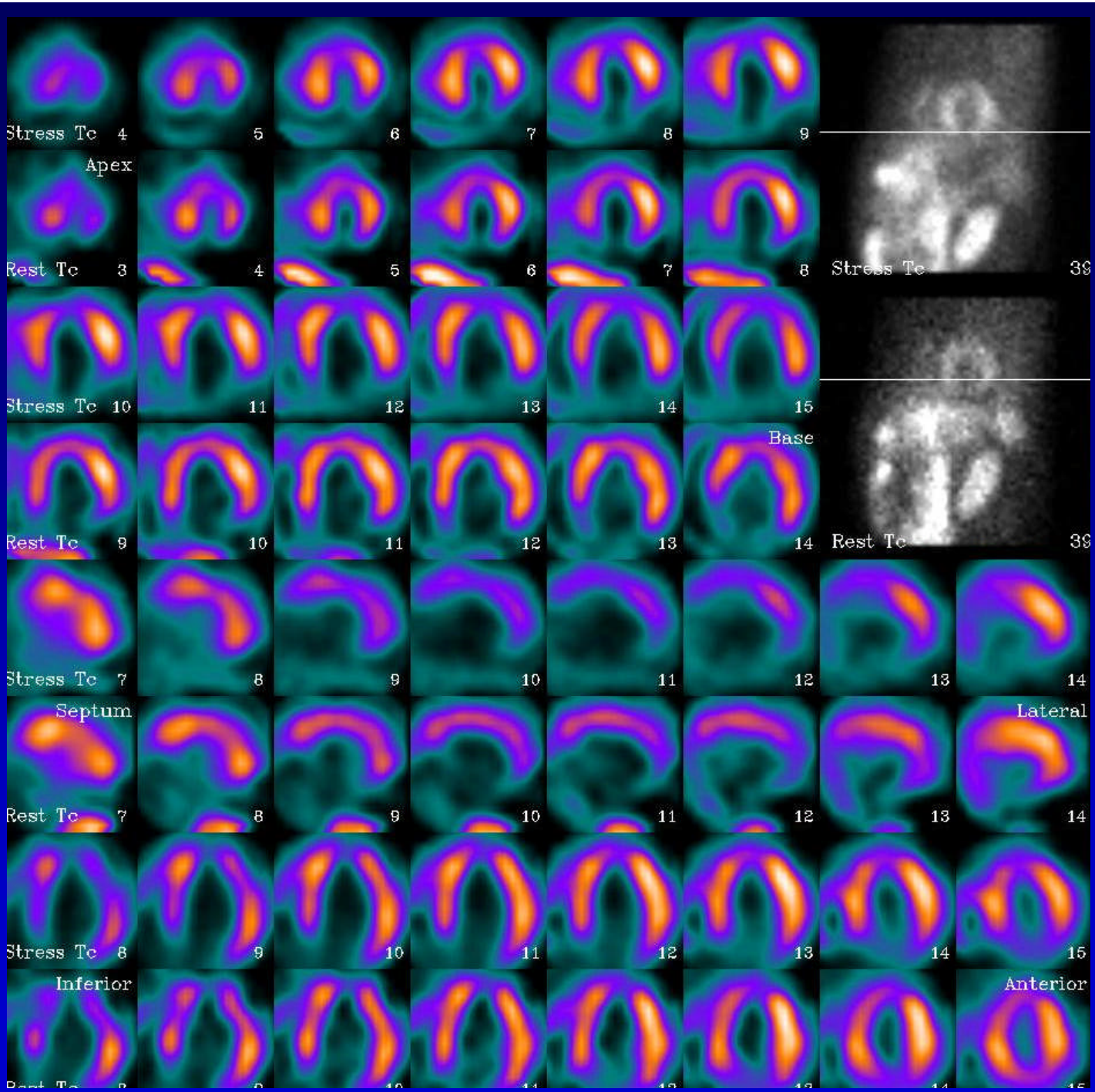


RCA infarct. No Ischemia.


Stress Tc 4
5
6
7
8
9
Apex
Rest Tc 3
4
5
6
7
8
Stress Tc 31
Stress Tc 10
11
12
13
14
15
Base
Rest Tc 9
10
11
12
13
14
Rest Tc 31
Stress Tc 6
7
8
9
10
11
12
13
Septum
Lateral
Rest Tc 5
6
7
8
9
10
11
12
Stress Tc 6
7
8
9
10
11
12
13
Inferior
Anterior



Reversible lateral wall defect. Transient ischemic dilatation.
Septal Hypokinesis


Stress Tc 4
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6
7
8
9
Apex
Rest Tc 3
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5
6
7
8
Stress Tc 38
Stress Tc 10
11
12
13
14
15
Base
Rest Tc 9
10
11
12
13
14
Rest Tc 38
Stress Tc 7
8
9
10
11
12
13
14
Septum
Lateral
Rest Tc 7
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Stress Tc 8
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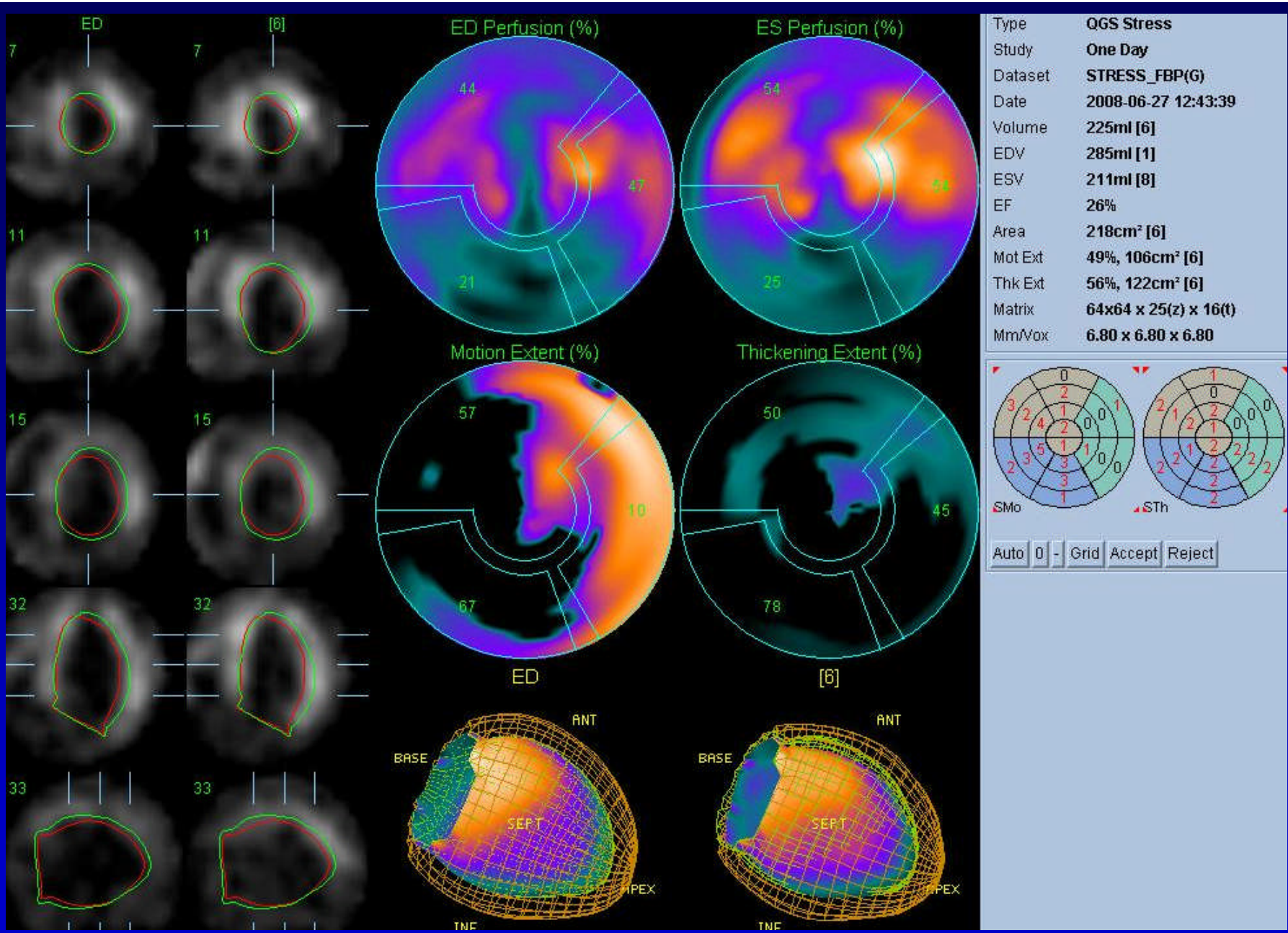
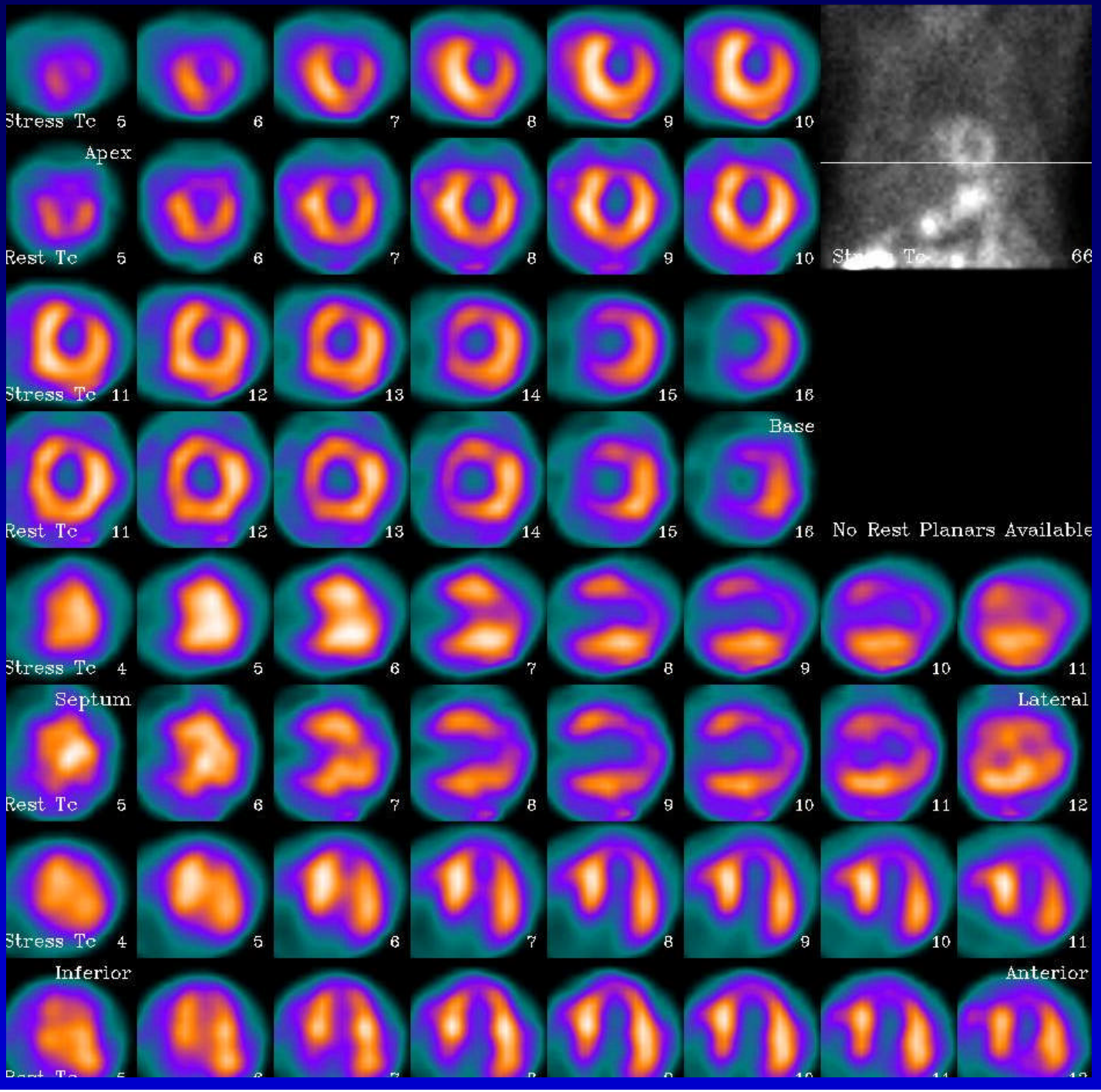
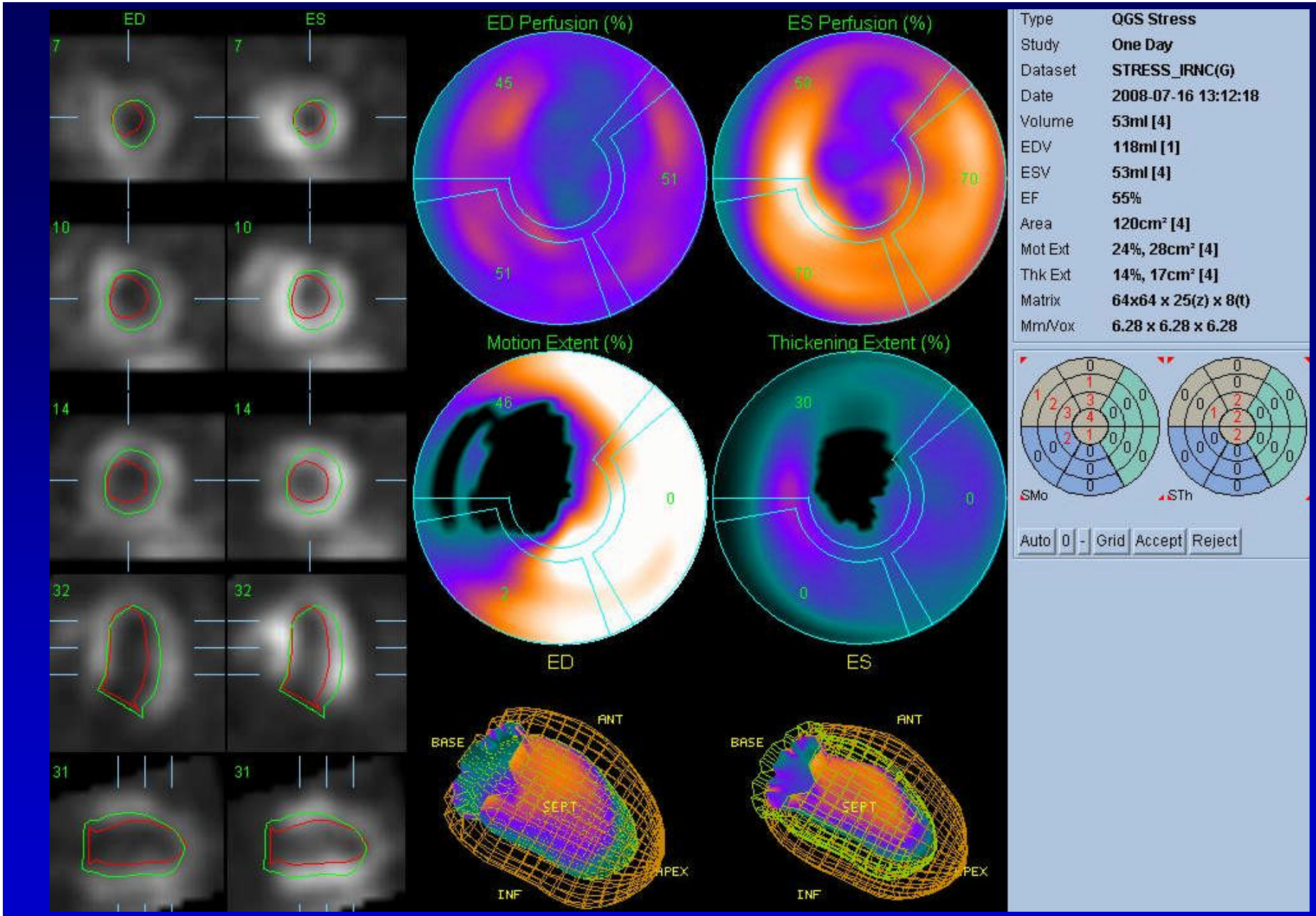
11
12
13
14
15
Inferior
Anterior

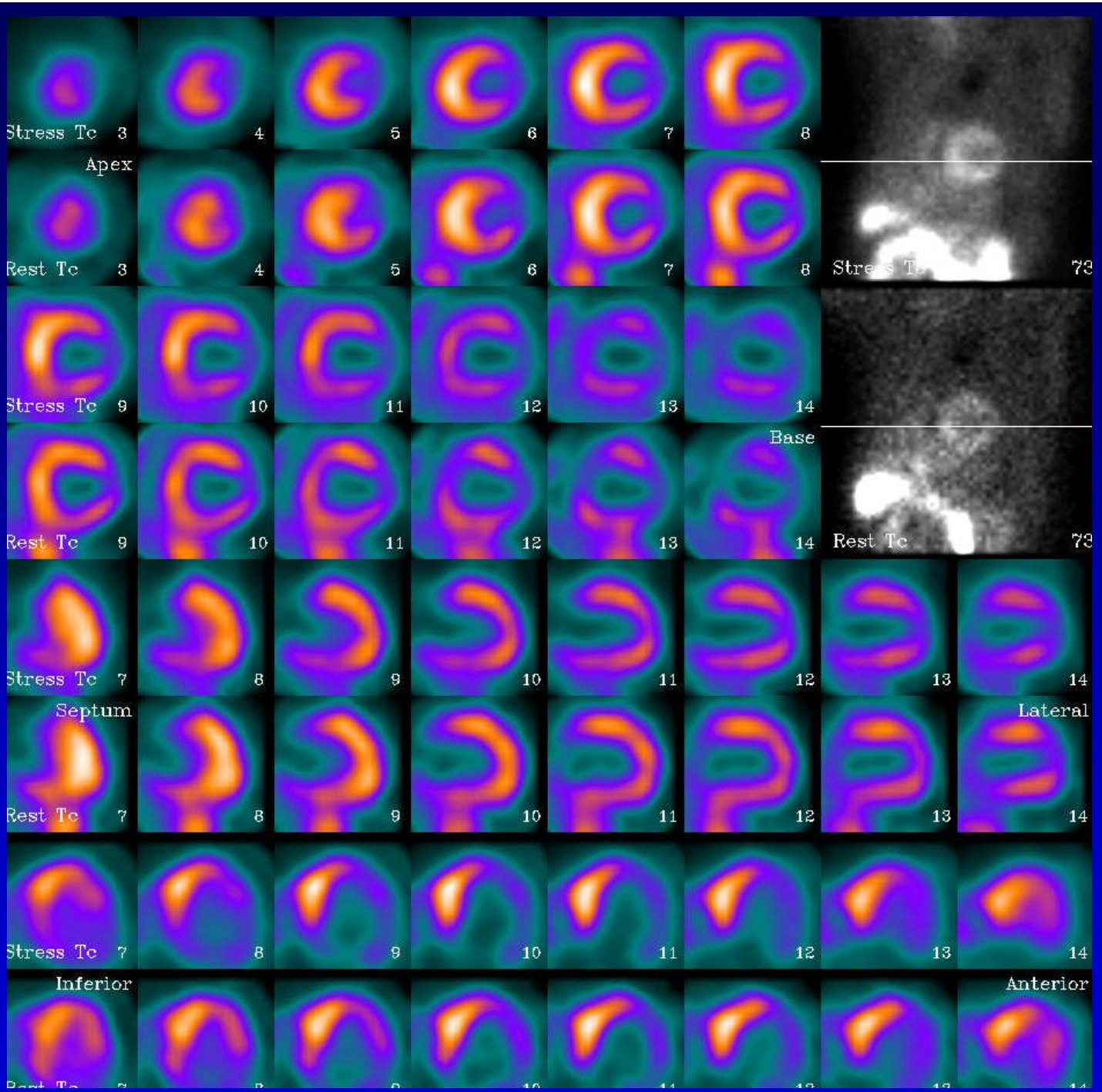


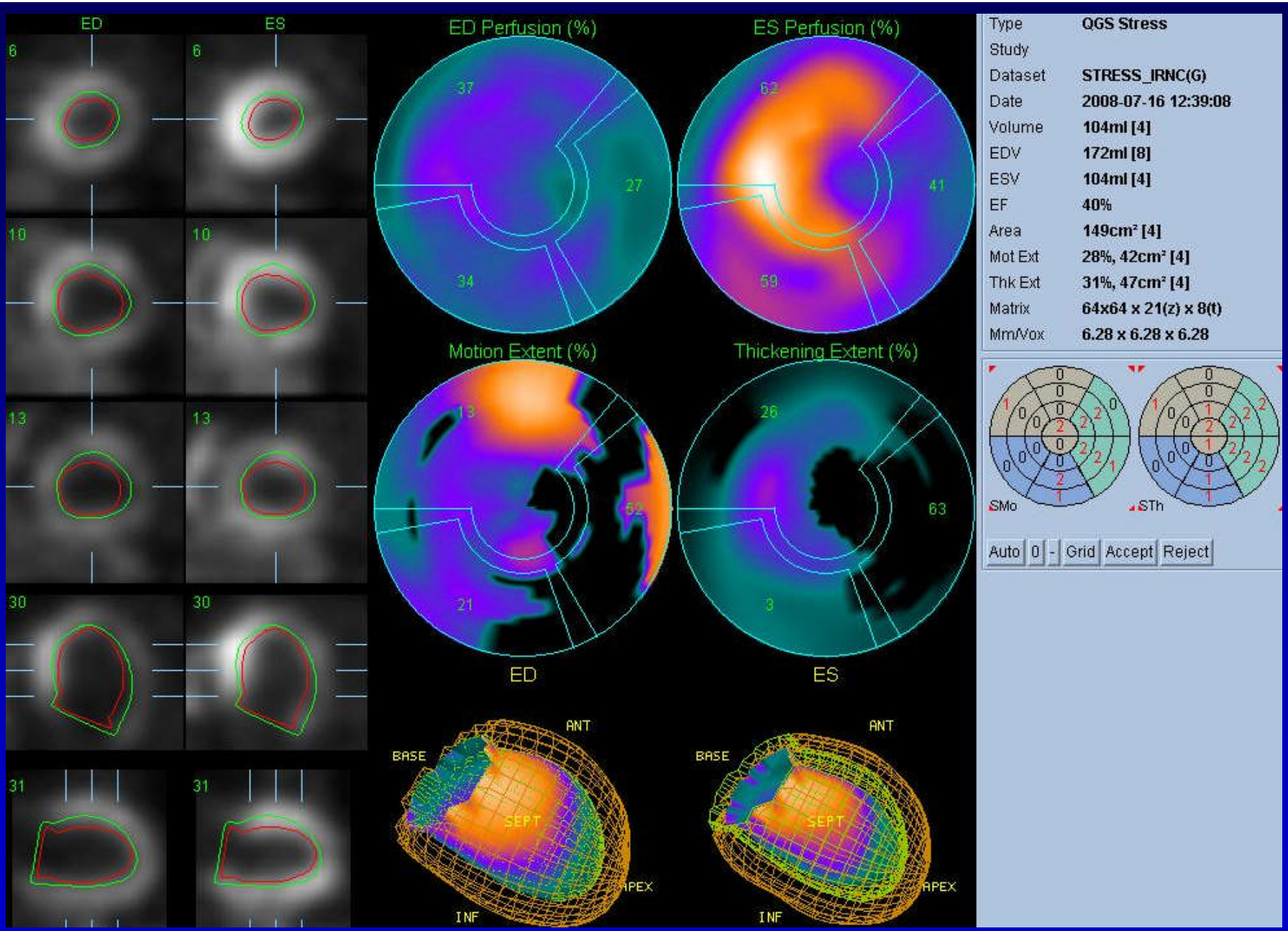
Fixed defects in the inferior wall and apex. Reversible defect in anterior wall. Dilated left ventricle. Global hypokinesis. Septal dyskinesis. Ischemic CMP


Stress Tc 5 6 7 8 9 10
Apex
Rest Tc 5 6 7 8 9 10
Stress Tc 11 12 13 14 15 16
Base
Rest Tc 11 12 13 14 15 16
No Rest Planars Available
Stress Tc 4 5 6 7 8 9 10 11
Septum
Lateral
Rest Tc 5 6 7 8 9 10 11 12
Stress Tc 4 5 6 7 8 9 10 11
Inferior
Anterior

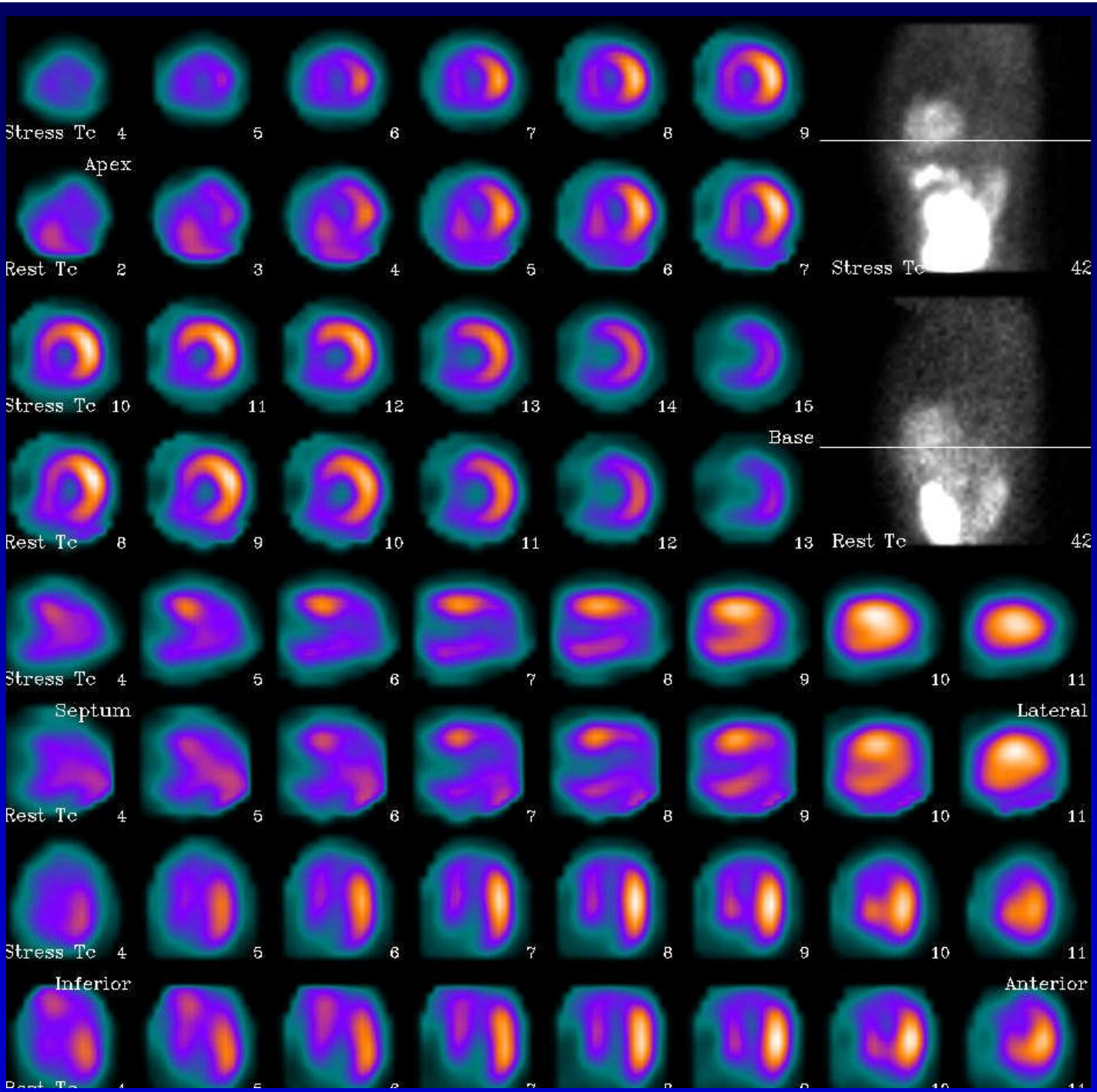


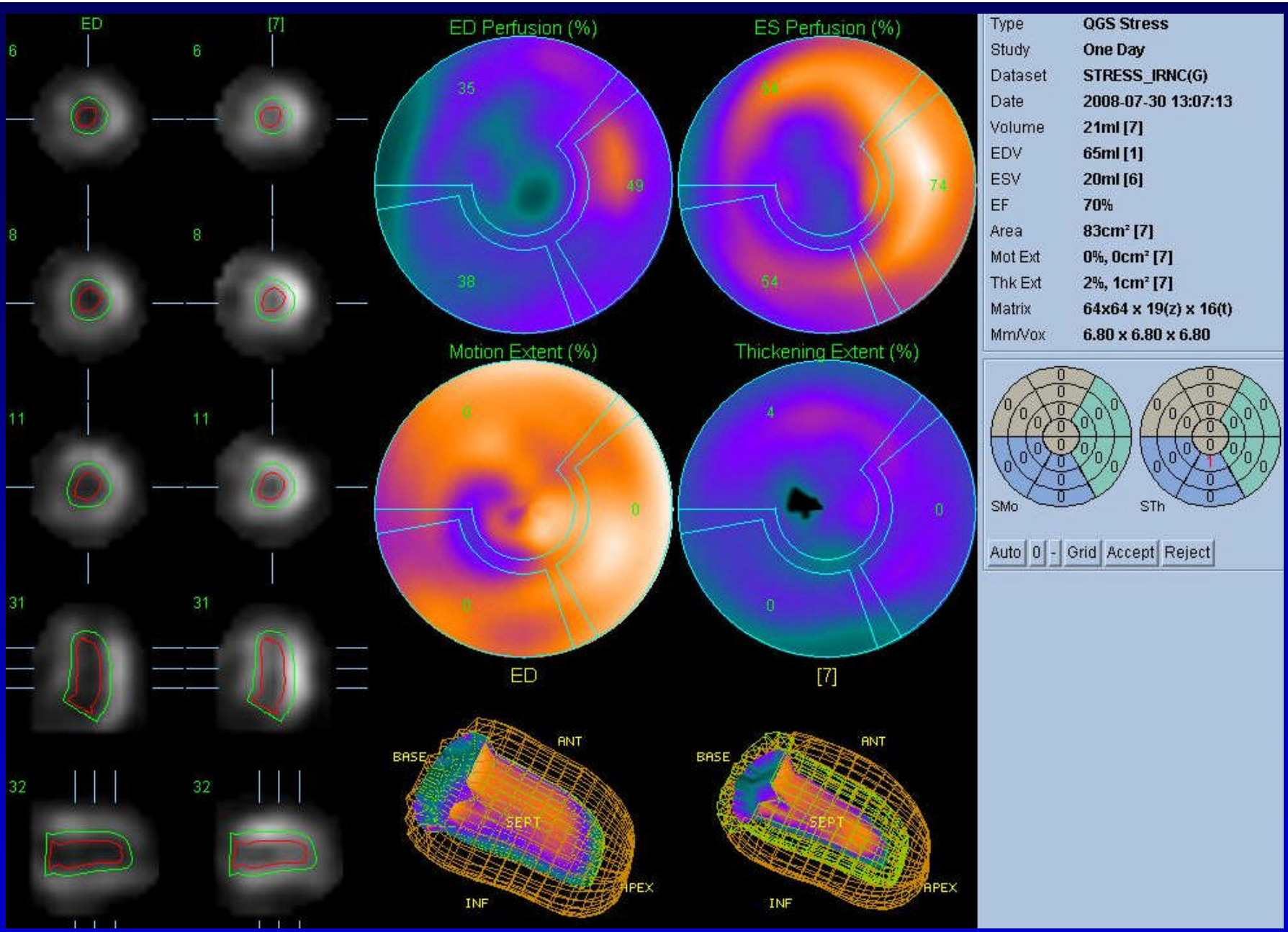
Partially reversible defect in the anterior wall. Reversible defect in lateral wall. Dilated left ventricle. Anterior hypokinesis, Septal dyskinesis


Stress Tc 3
4
5
6
7
8
Apex
Rest Tc 3
4
5
6
7
8
Stress Tc 9
10
11
12
13
14
Base
Rest Tc 9
10
11
12
13
14
Stress Tc 7
8
9
10
11
12
13
14
Septum
Rest Tc 7
8
9
10
11
12
13
14
Lateral
Stress Tc 7
8
9
10
11
12
13
14
Inferior
Anterior

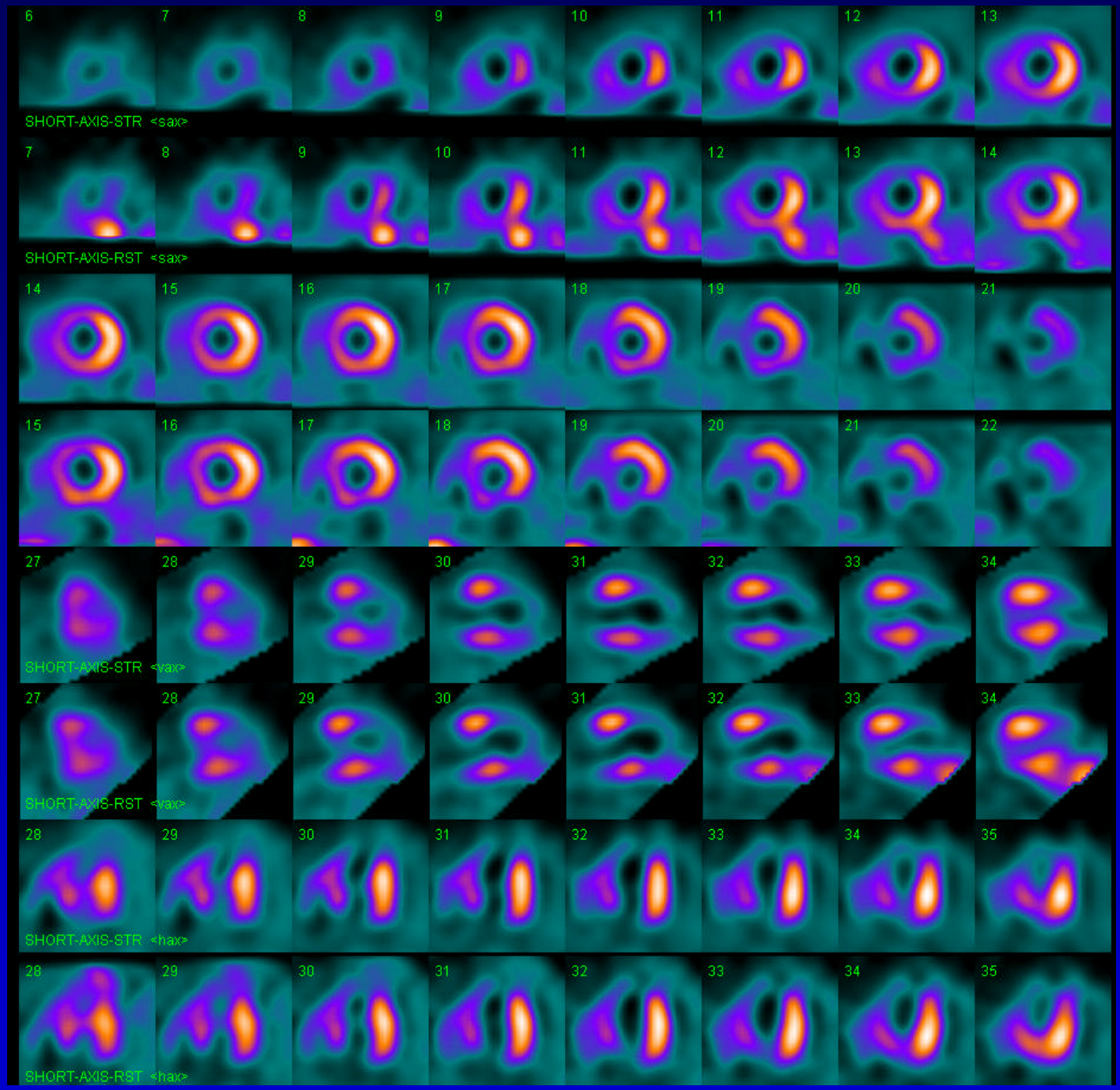


Predominantly fixed defect in the lateral wall with partial reversibility.Global hypokinesis. Dilated left ventricle


Stress Tc 4 5 6 7 8 9
Apex
Rest Tc 2 3 4 5 6 7
Stress Tc 42
Stress Tc 10 11 12 13 14 15
Base
Rest Tc 8 9 10 11 12 13
Rest Tc 42
Stress Tc 4 5 6 7 8 9 10 11
Septum
Lateral
Rest Tc 4 5 6 7 8 9 10 11
Stress Tc 4 5 6 7 8 9 10 11
Inferior
Anterior



Fixed defect in the septum and apex. Normal function.
? hibernating myocardium in the LAD territory.


6 7 8 9 10 11 12 13
SHORT-AXIS-STR <sax>
7 8 9 10 11 12 13 14
SHORT-AXIS-RST <sax>
14 15 16 17 18 19 20 21
15 16 17 18 19 20 21 22
27 28 29 30 31 32 33 34
SHORT-AXIS-STR <vax>
27 28 29 30 31 32 33 34
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
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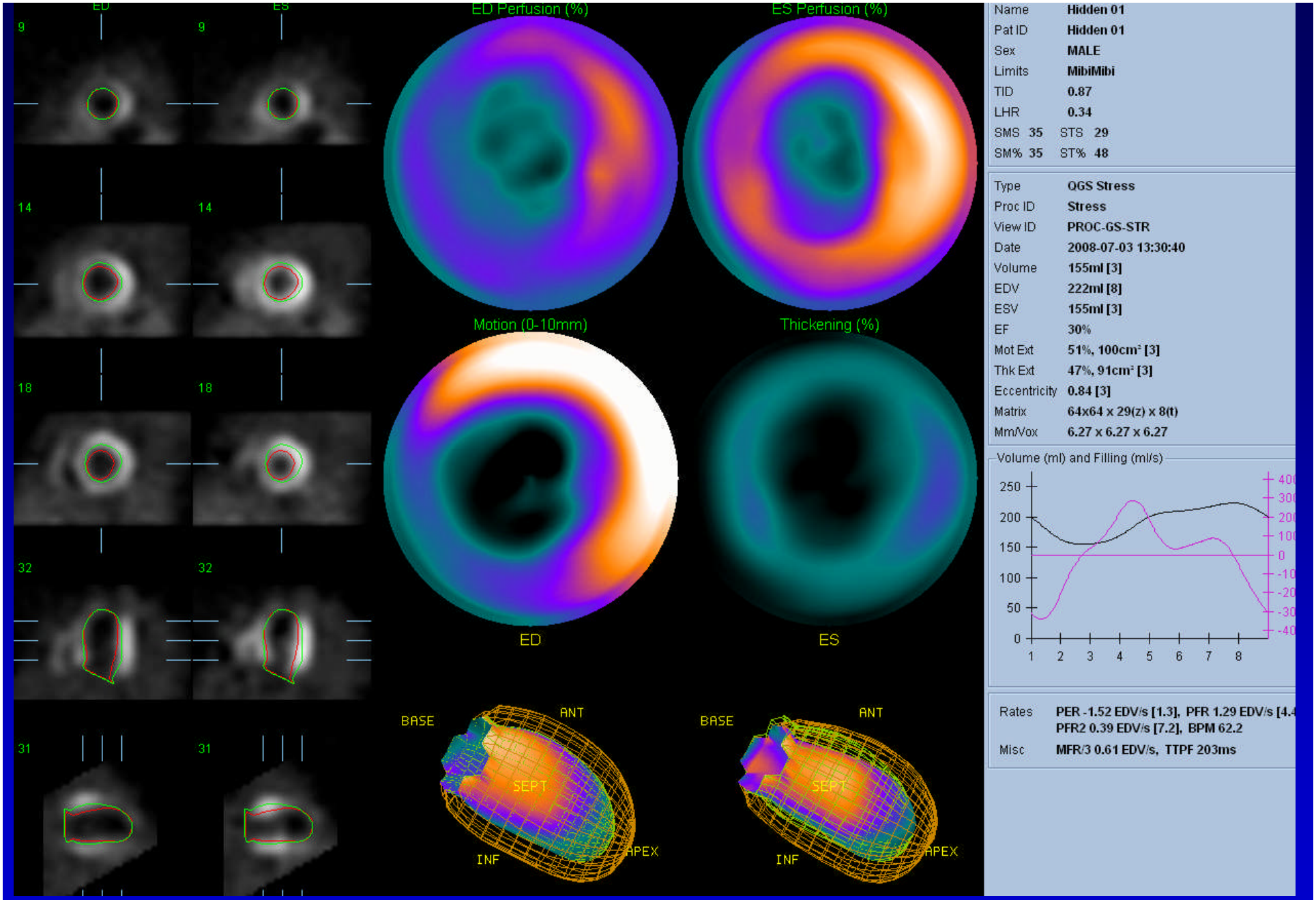
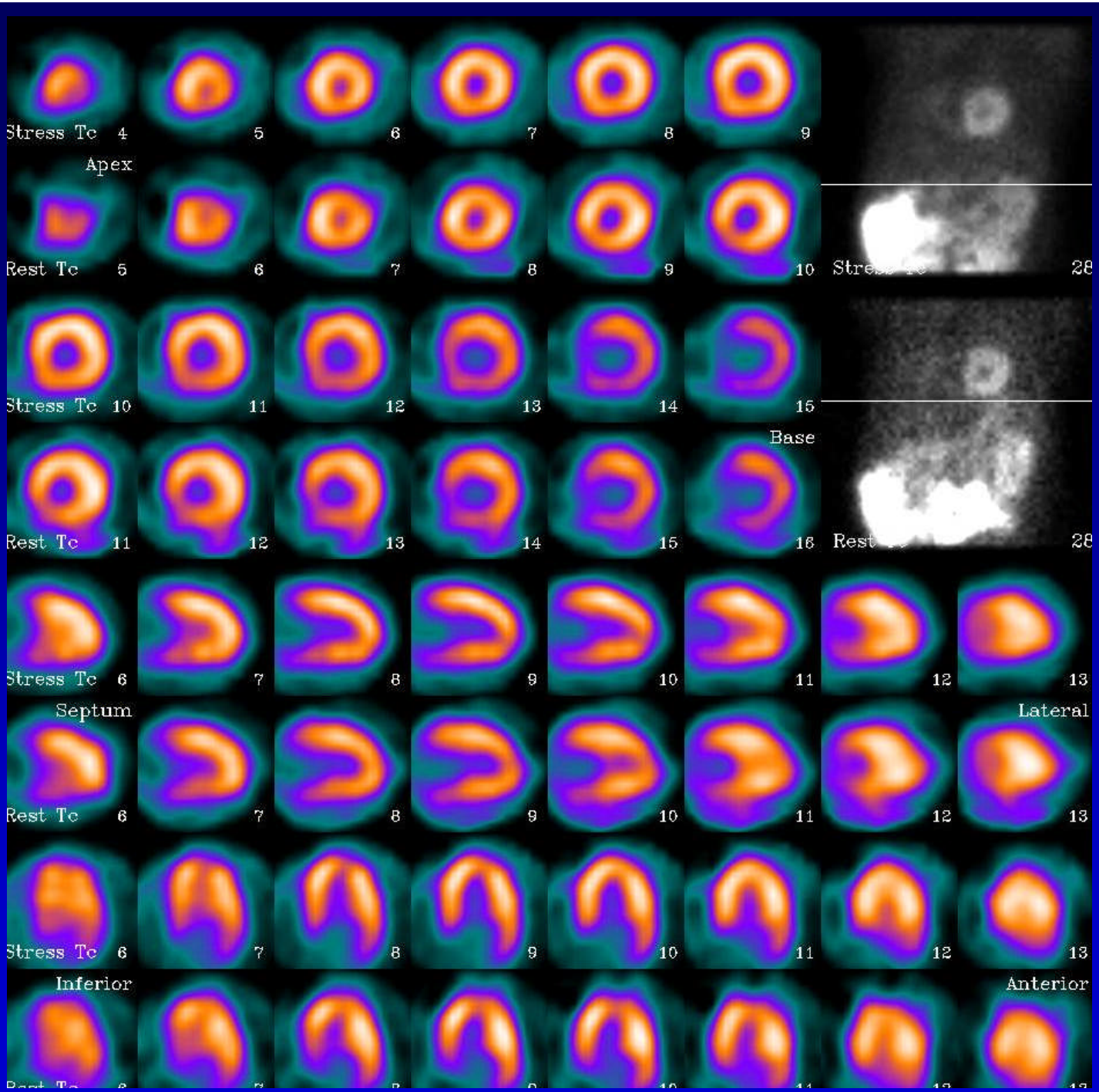
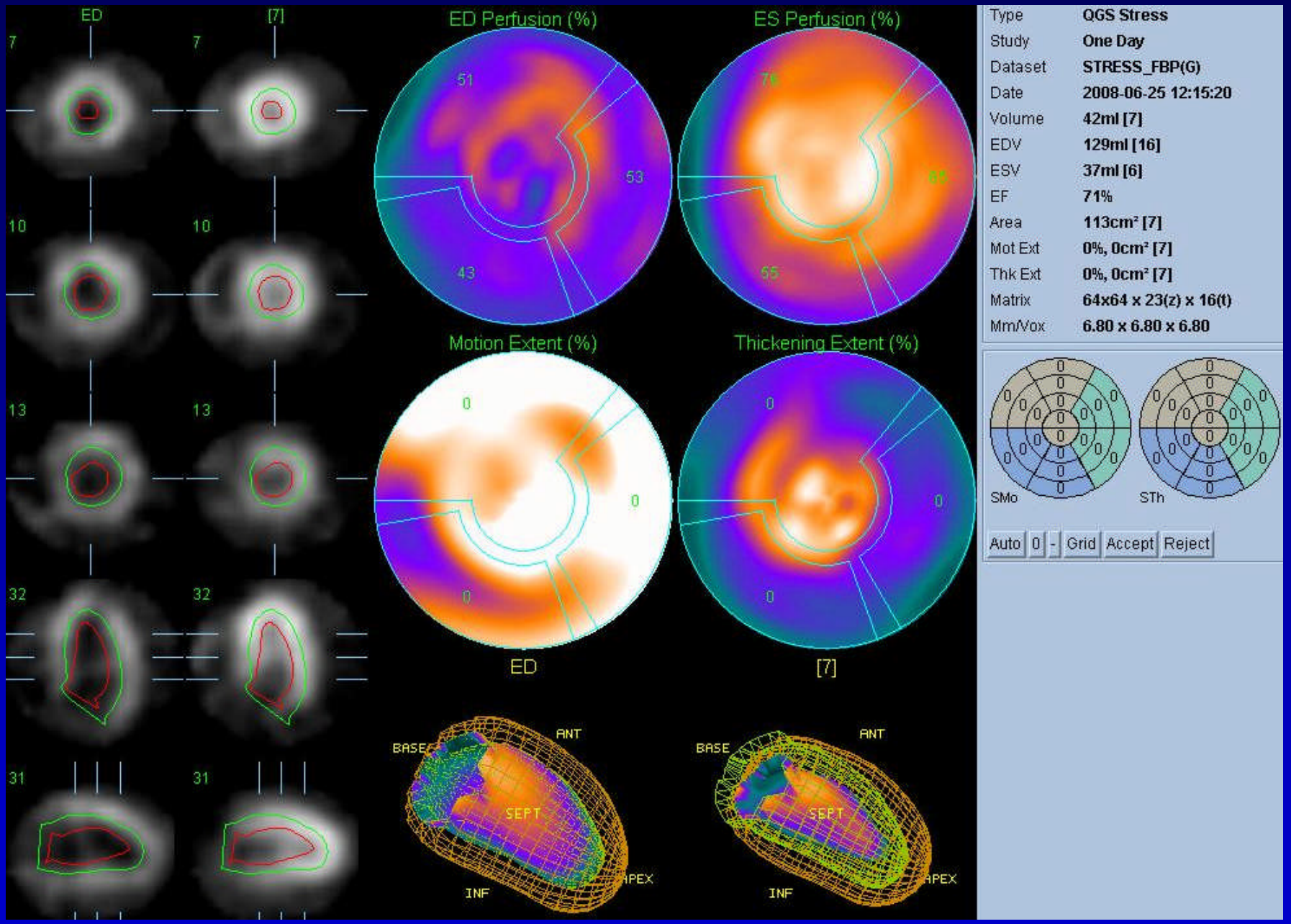
SHORT-AXIS-RST <hax>

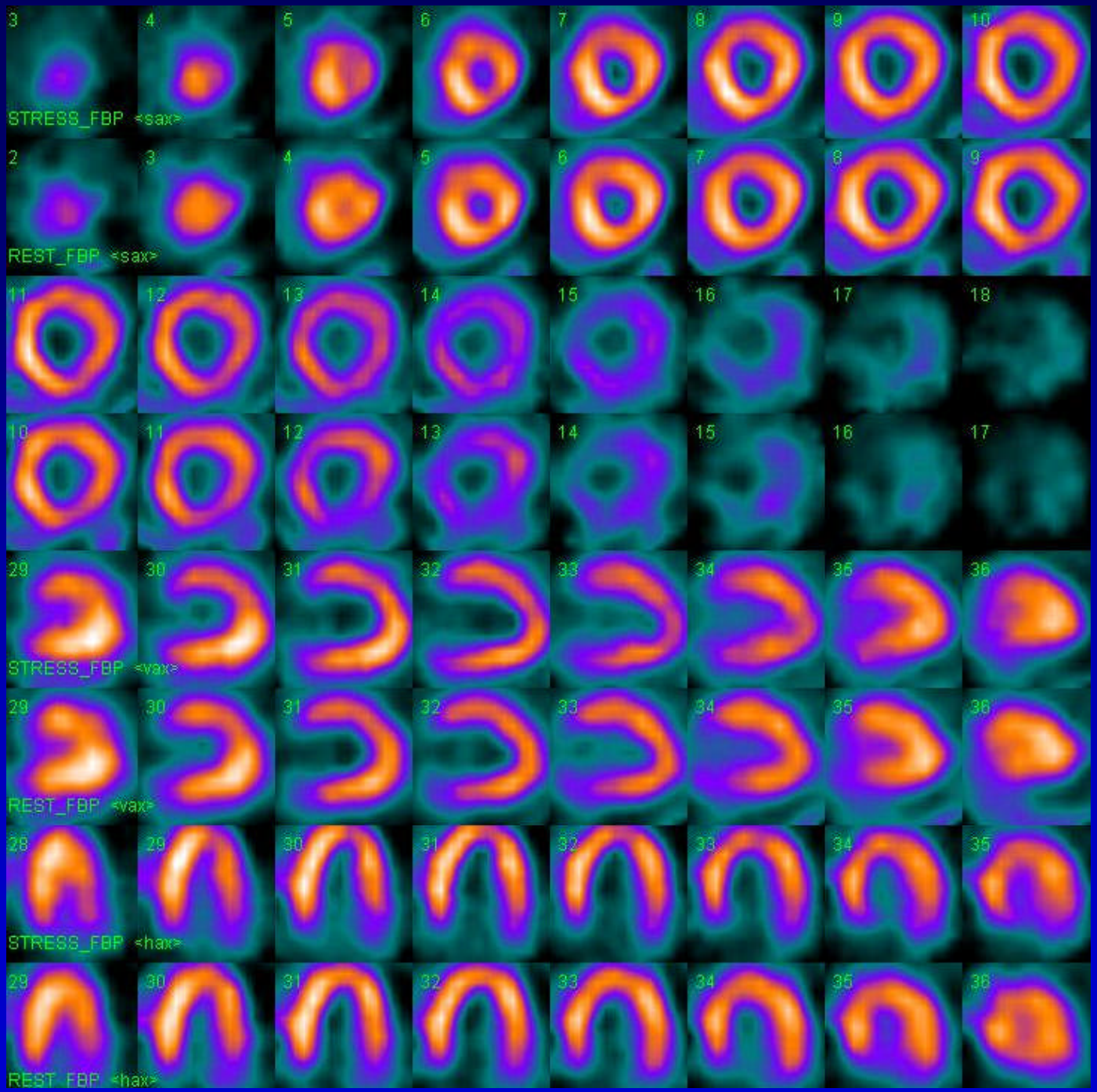


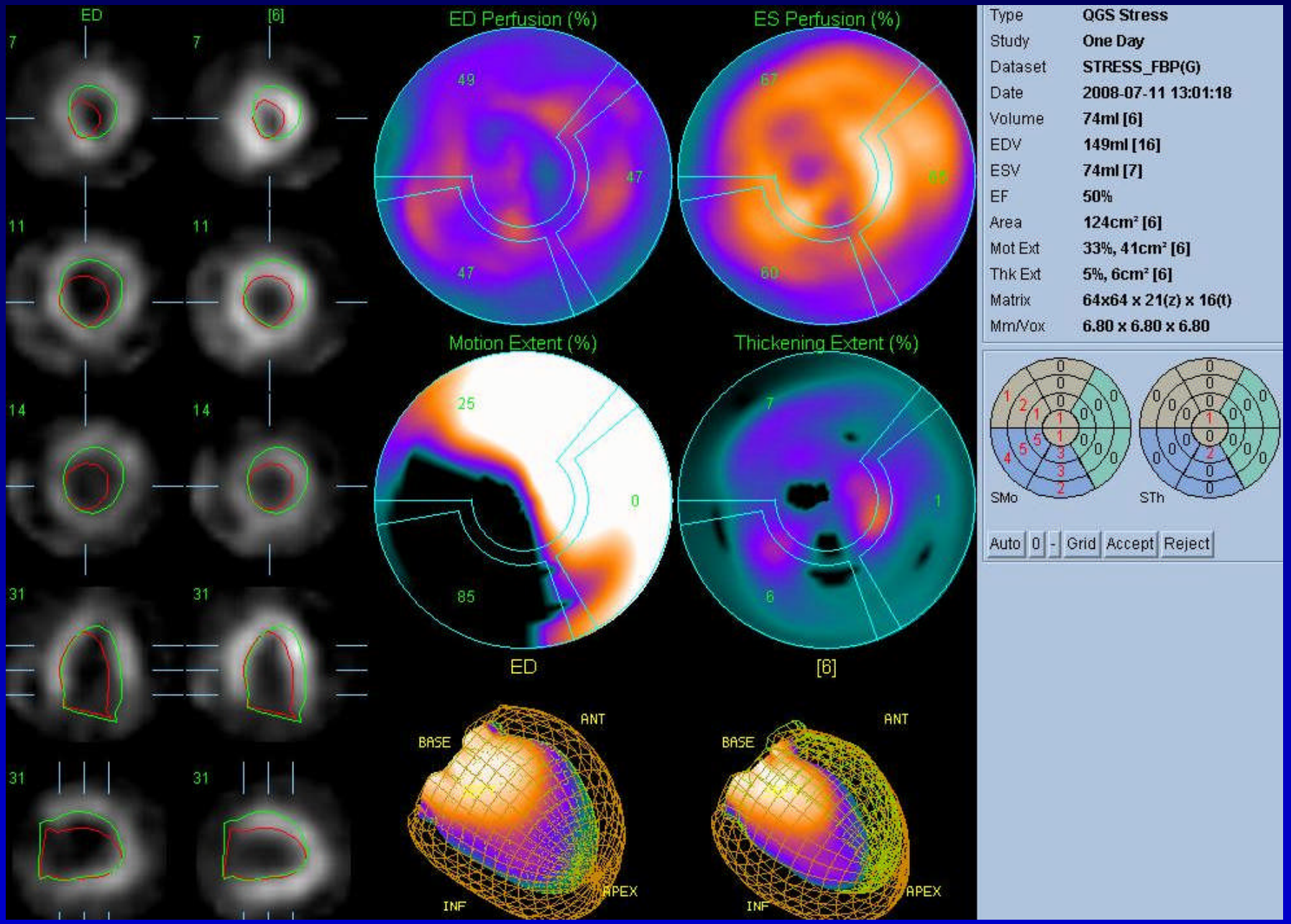
Fixed apical and septal defect. Global hypokinesis and apical dyskinesis/aneurysm


Stress Tc 4 5 6 7 8 9
Apex
Rest Tc 5 6 7 8 9 10
Stress Tc 10 11 12 13 14 15
Base
Rest Tc 11 12 13 14 15 16
Stress Tc 6 7 8 9 10 11 12 13
Septum
Lateral
Rest Tc 6 7 8 9 10 11 12 13
Stress Tc 6 7 8 9 10 11 12 13
Inferior
Anterior

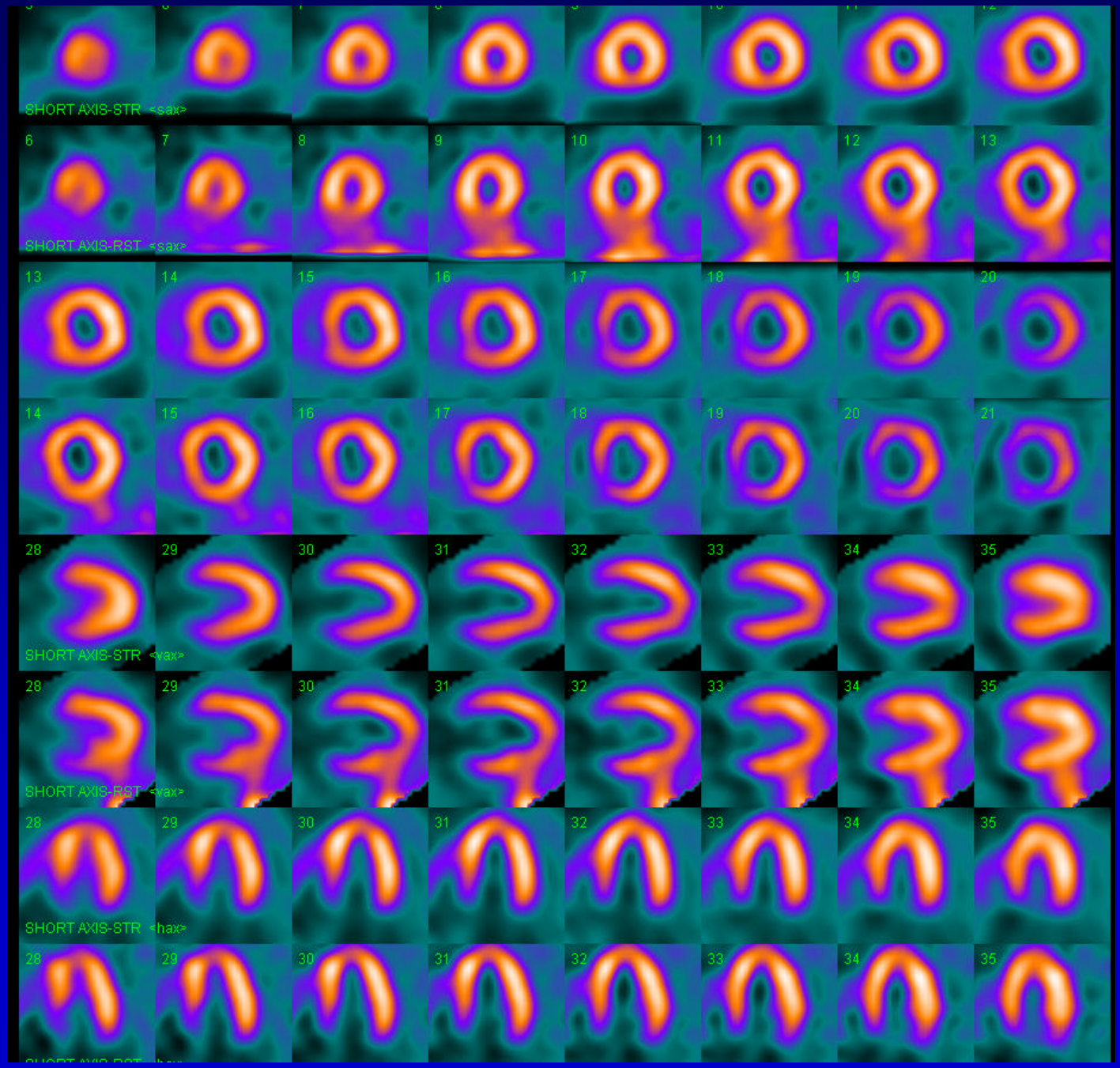


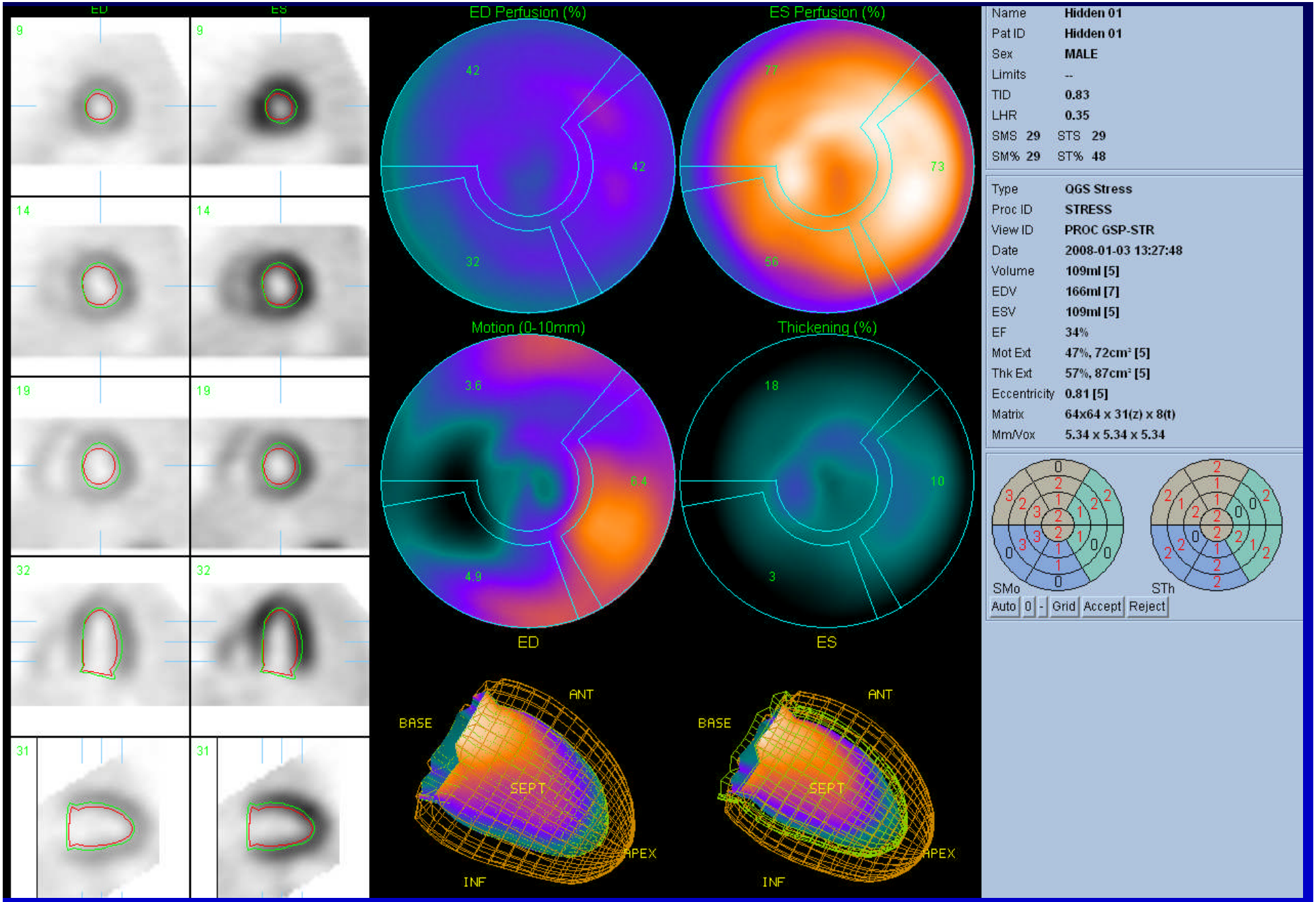
No reversible defects. Normal Function. LVH


3 4 5 6 7 8 9 10
STRESS_FBP <sax>
2 3 4 5 6 7 8 9
REST_FBP <sax>
11 12 13 14 15 16 17 18
10 11 12 13 14 15 16 17
29 30 31 32 33 34 35 36
STRESS_FBP <vax>
29 30 31 32 33 34 35 36
REST_FBP <vax>
28 29 30 31 32 33 34 35
STRESS_FBP <hax>
29 30 31 32 33 34 35 36
REST_FBP <hax>

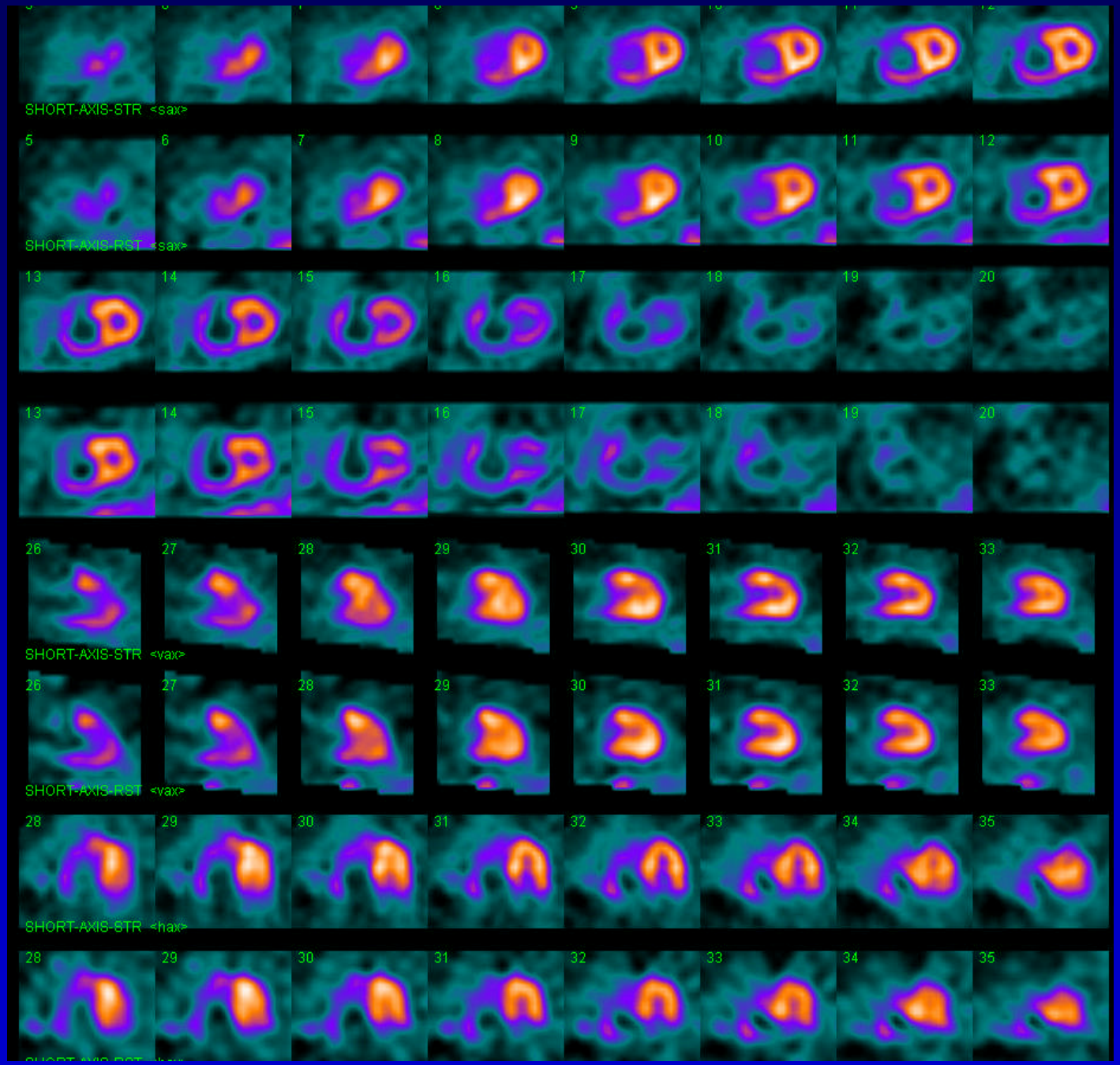


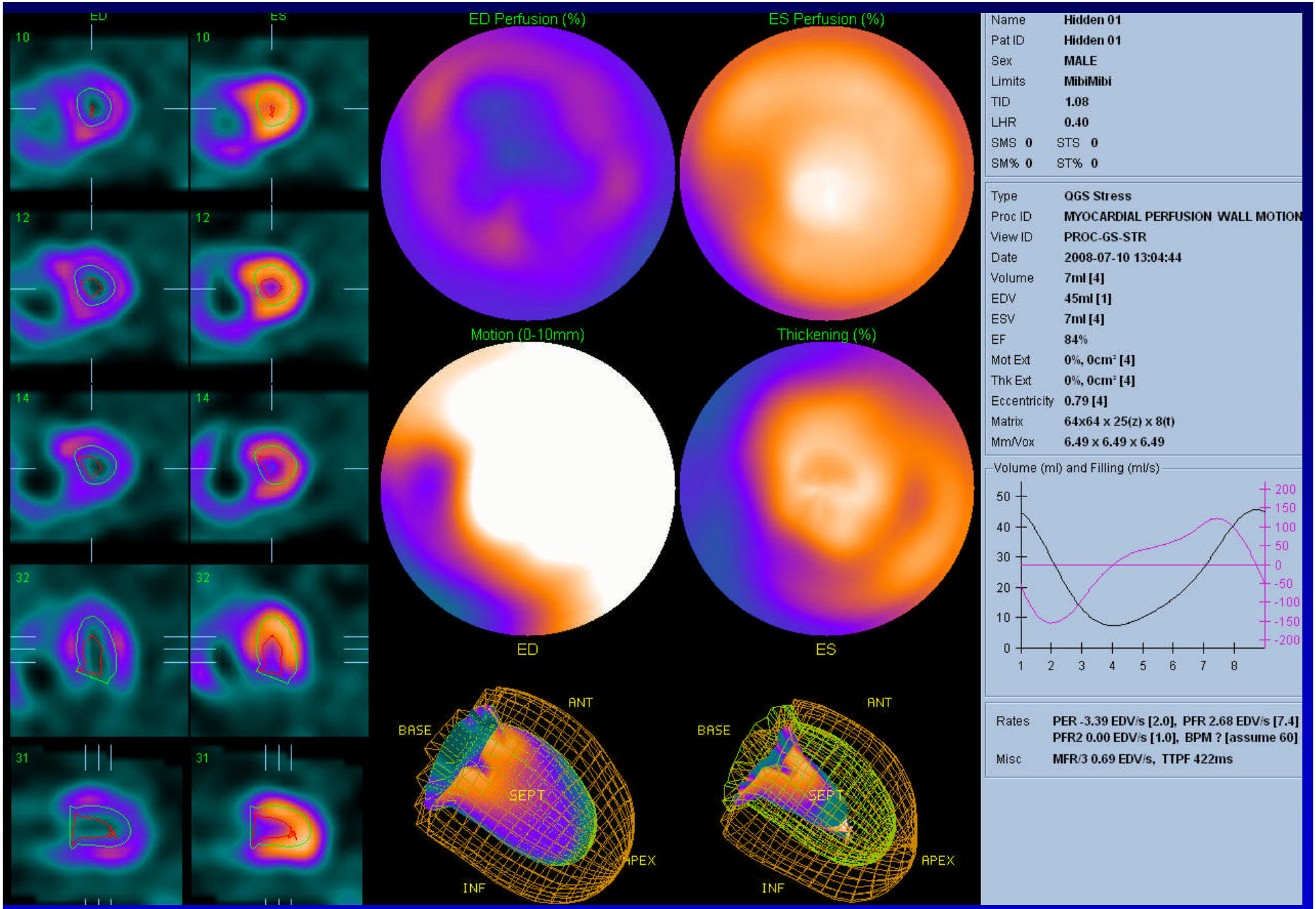
Subtle anterior Ischemia. Dilated ventricle. Septal dyskinesis from prior CABG


SHORT AXIS-STR <sax>
6 7 8 9 10 11 12 13
SHORT AXIS-RST <sax>
13 14 15 16 17 18 19 20
14 15 16 17 18 19 20 21
28 29 30 31 32 33 34 35
SHORT AXIS-STR <vax>
28 29 30 31 32 33 34 35
SHORT AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT AXIS-STR <hax>
28 29 30 31 32 33 34 35

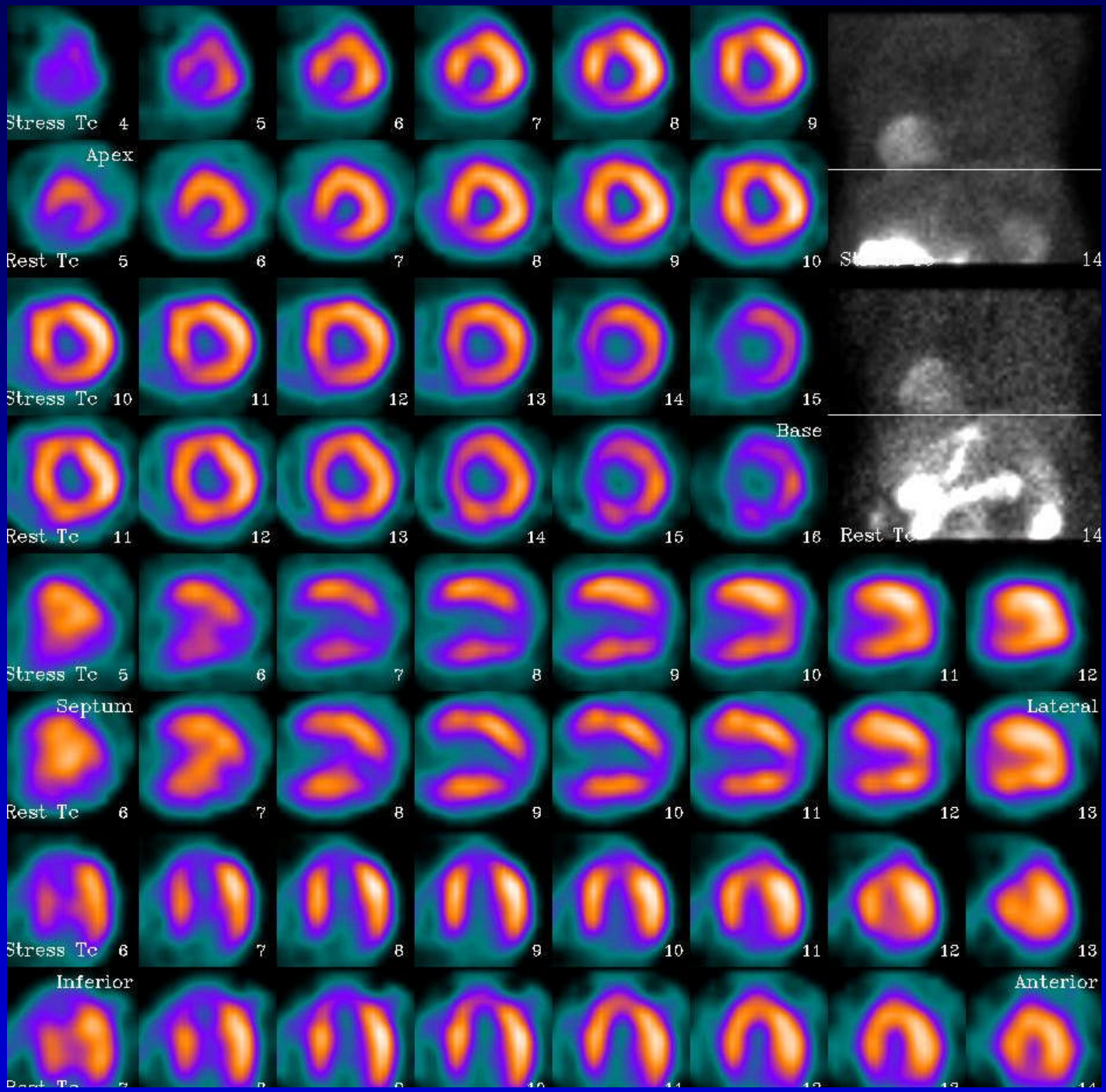


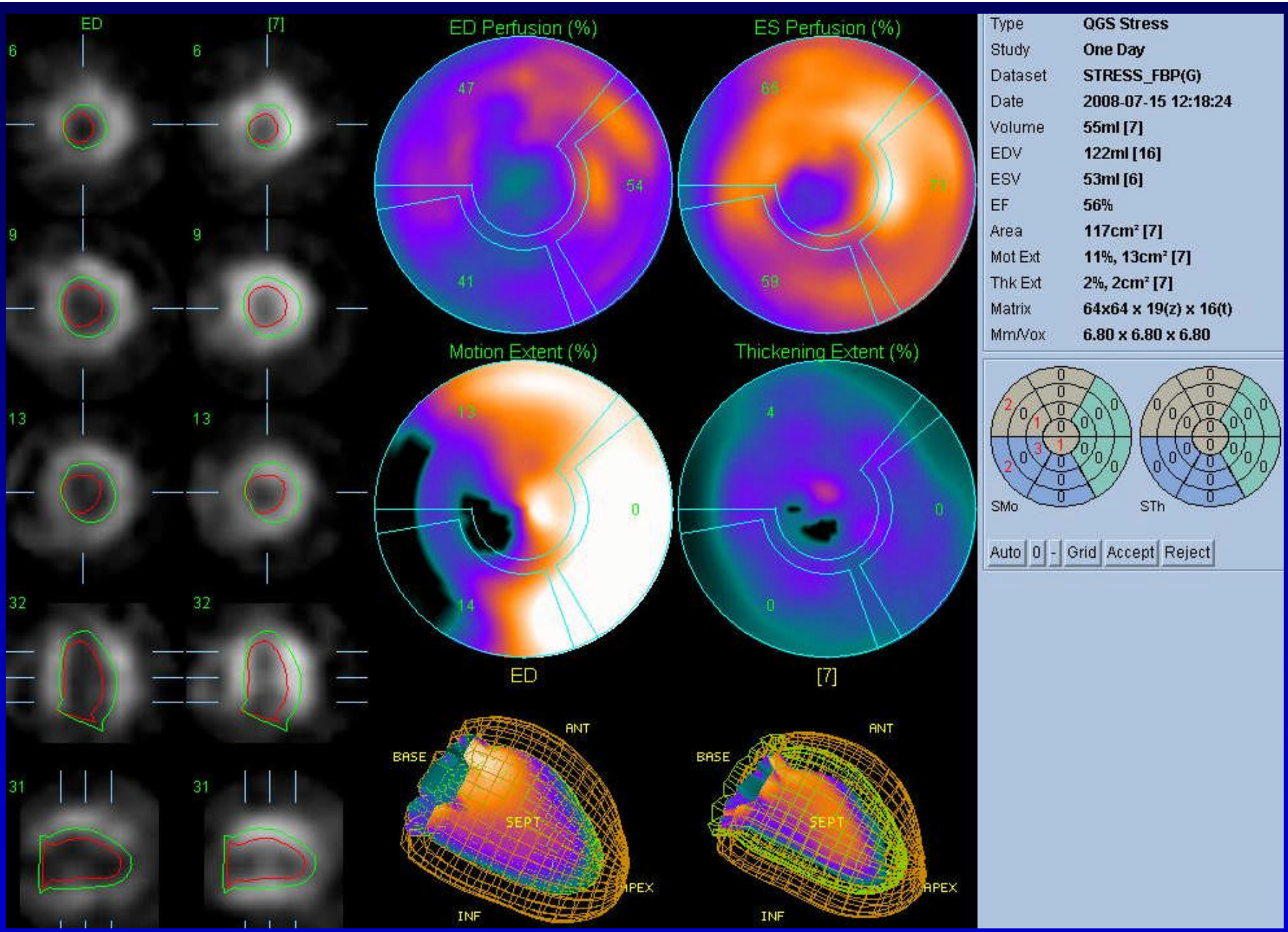
No reversible defects. Non-Ischemic Cardiomyopathy


SHORT-AXIS-STR <sax>
5 6 7 8 9 10 11 12
SHORT-AXIS-RST <sax>
13 14 15 16 17 18 19 20
13 14 15 16 17 18 19 20
26 27 28 29 30 31 32 33
SHORT-AXIS-STR <vax>
26 27 28 29 30 31 32 33
SHORT-AXIS-RST <vax>
28 29 30 31 32 33 34 35
SHORT-AXIS-STR <hax>
28 29 30 31 32 33 34 35

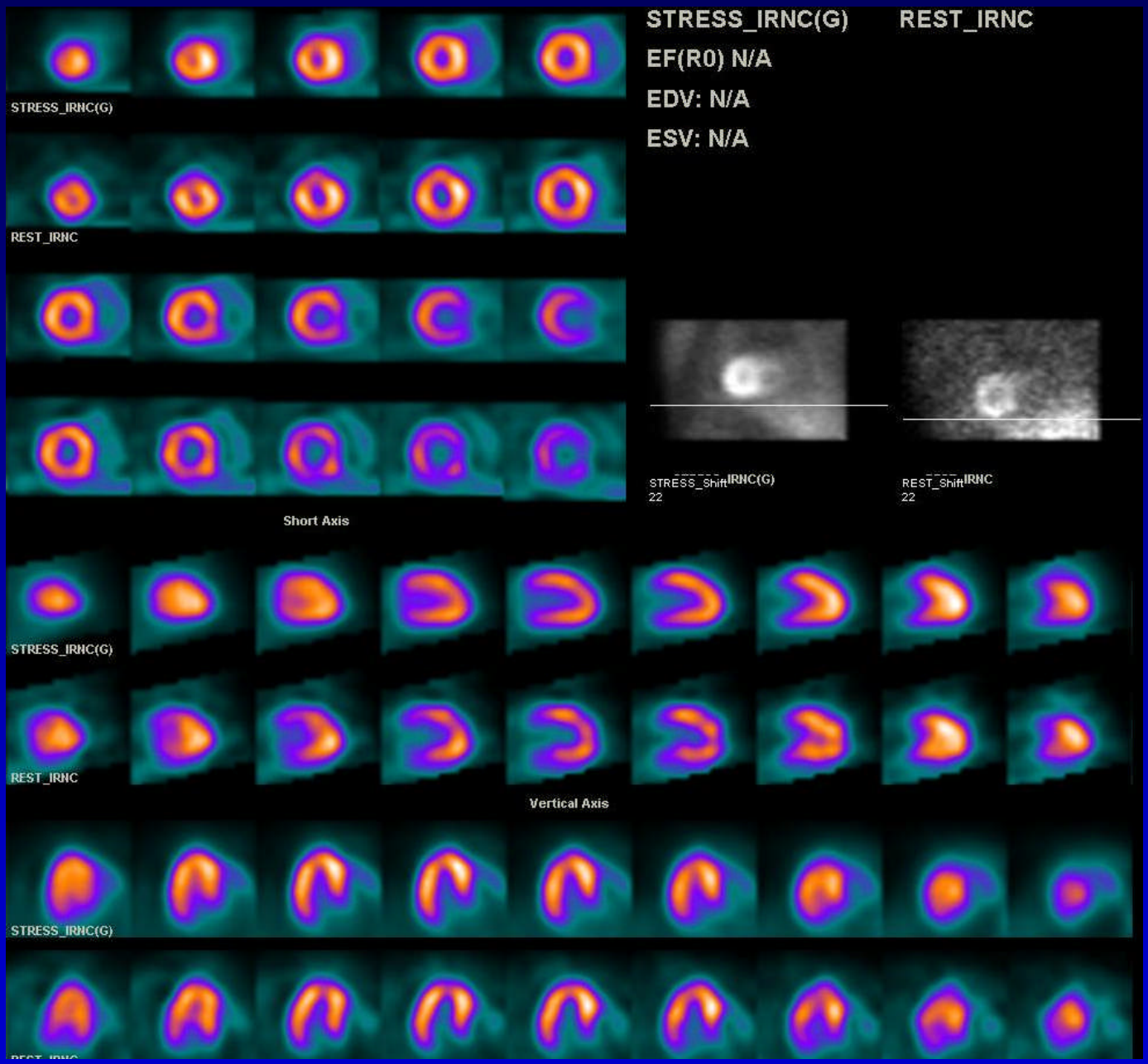


No Ischemia. Normal Function. Right Ventricular Hypertrophy

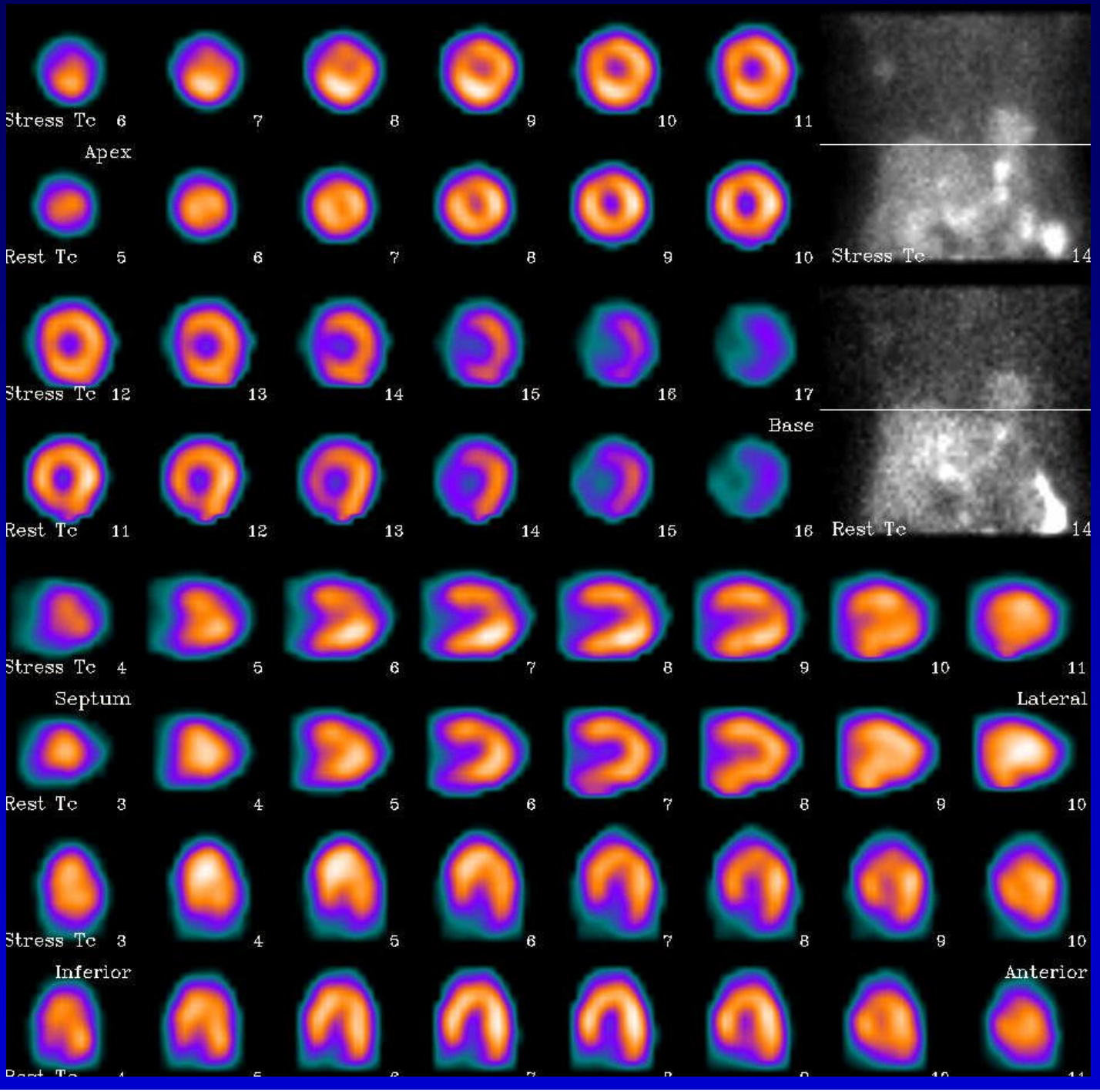

Stress Tc 4
5
6
7
8
9
Apex
Rest Tc 5
6
7
8
9
10
14
Stress Tc 10
11
12
13
14
15
Base
Rest Tc 11
12
13
14
15
16
Rest Tc
14
Stress Tc 5
6
7
8
9
10
11
12
Septum
Lateral
Rest Tc 6
7
8
9
10
11
12
13
Stress Tc 6
7
8
9
10
11
12
13
Inferior
Anterior

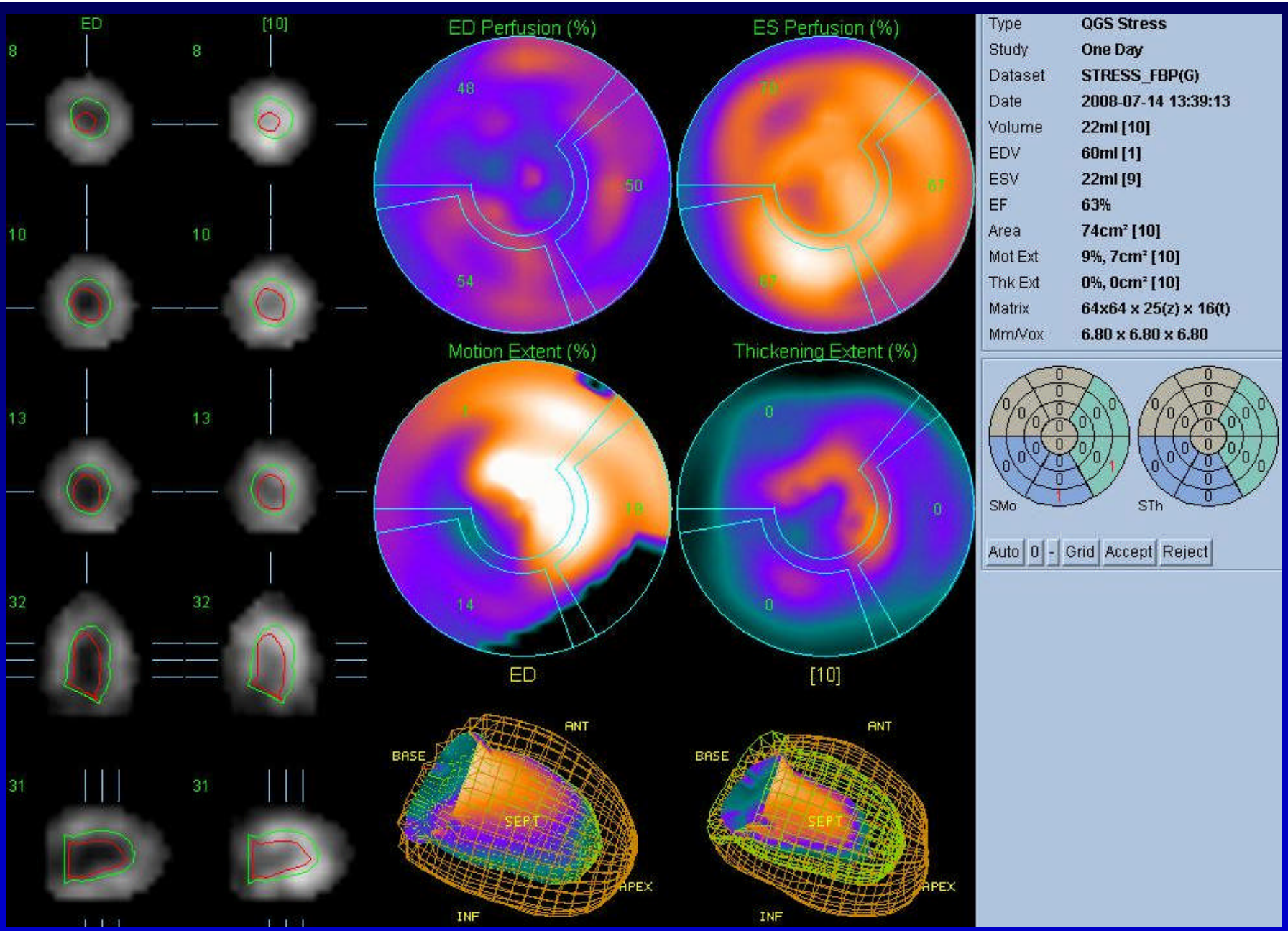


Partially reversible apical defect. Normal Function. Dextrocardia

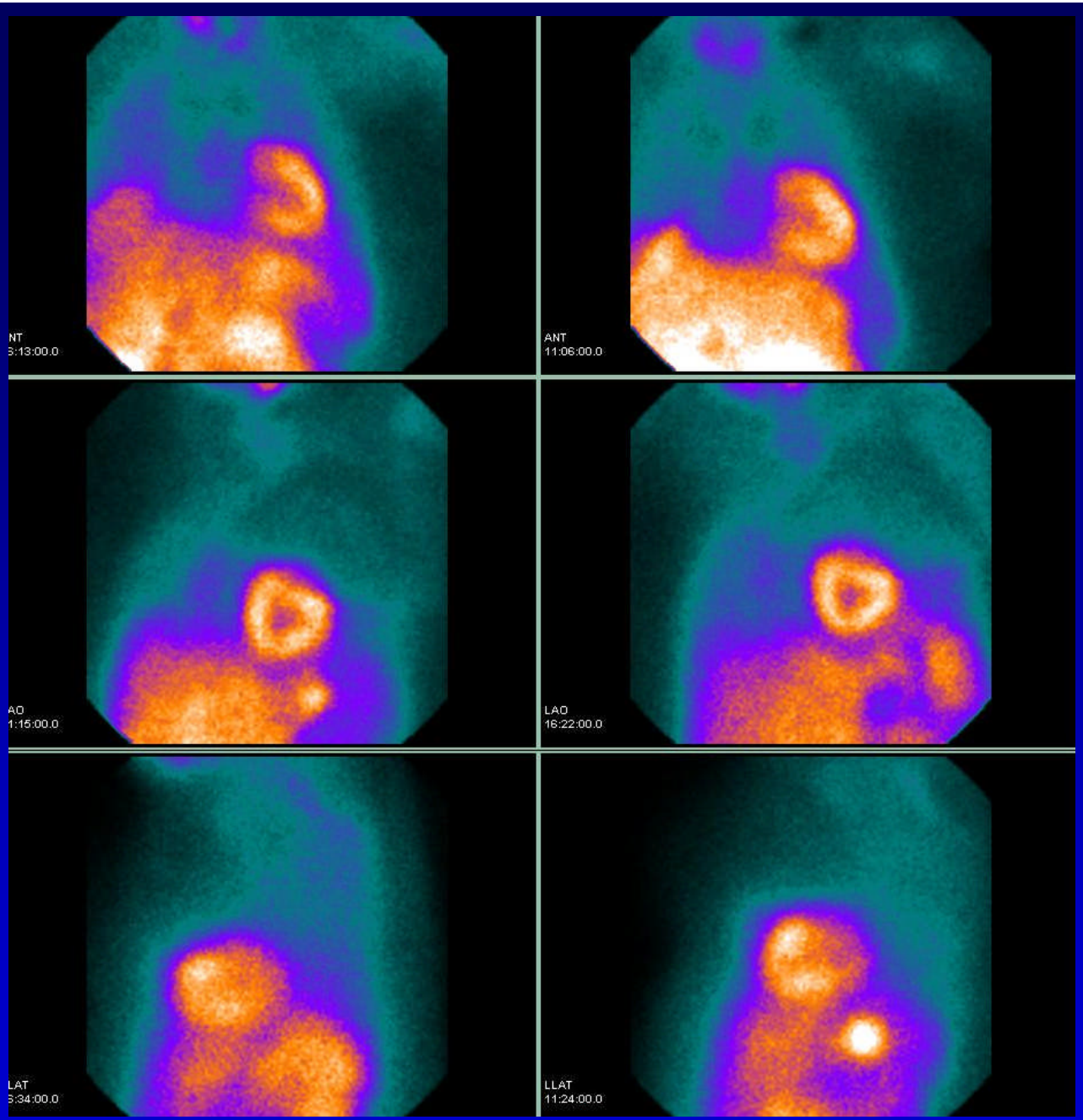


Dextrocardia


Stress Tc 6 7 8 9 10 11
Apex
Rest Tc 5 6 7 8 9 10
Stress Tc 14
Stress Tc 12 13 14 15 16 17
Base
Rest Tc 11 12 13 14 15 16
Rest Tc 14
Stress Tc 4 5 6 7 8 9 10 11
Septum
Lateral
Rest Tc 3 4 5 6 7 8 9 10
Stress Tc 3 4 5 6 7 8 9 10
Inferior
Anterior



No reversible defects. Normal function. Uptake in the right axillary adenopathy from NHL.



Normal Planar Study