

“Athletic Heart” Echo Protocol

1. M-Mode AoV
- 2. M-Mode MV**
3. M-Mode LV
4. 2-D PLAX
5. Meas. LV Syst. and Dias. IVS, PW in Dias. and LA dimension, Ao Dimension
6. Color AoV
7. Color MV
8. Color IVS (Basal and Mid Segments R/O VSD)
9. PLAX TV
10. PLAX TV Color
11. CW Doppler TVI if present with velocity meas.
12. PLAX PV
13. PLAX PV color
14. PW Doppler RVOT with meas.
15. CW Doppler PV with meas.
16. SAX AoV
17. SAX Ao with LMCA & RCA
18. SAX color AoV
19. SAX color PV
20. SAX PV Doppler if indicated
21. PA to bifurcation with color
22. SAX TV color
23. SAX TV Doppler if indicated
24. SAX Color sweep of IVS to R/O VSD
25. SAX MV
26. SAX LV Basal Segment
27. SAX LV Mid Segment
28. Apical 4-ch
29. Apical color MV
30. Apical PW Doppler MV Diastolic flow, Meas. E and A point and decel time
31. Tissue Doppler MV annulus with E' and A' meas. Lateral and Medial

32. Meas. LA volume in 4 and 2 Chamber view for biplane calc.
33. Apical Color TV
34. Apical CW Doppler TVI with meas.
35. Apical 5-Ch view
36. Apical 5-Ch view with color
37. Apical PW Doppler LVOT with meas.
38. Apical CW Doppler AoV with meas.
39. Apical 2-Ch view
40. Apical 2-Ch color
41. Apical LAX
42. Apical LAX color
43. Sub-Costal 4-Ch view
44. Sub-Costal 4-Ch color MV & TV
45. Sub-Costal IAS color R/O ASD,PFO
46. Sub-Costal view Hepatic Veins & IVC
47. Sub-Costal SAX LV
48. Sub-Costal IVC longitudinal
49. Sub-Costal descending Ao
50. Supra-Sternal view Ao Arch
51. Supra-Sternal color Ascending Ao
52. Supra-Sternal CW Doppler Ascending Ao if indicated
53. Supra-Sternal color Ao Arch
54. Supra-Sternal color Descending Ao
55. Supra-Sternal CW Doppler descending Ao
56. Supra-Sternal CW Doppler AoV with piedoff probe if indicated
57. Rt-Parasternal CW Doppler AoV with piedoff probe if indicated

If study also includes Stress Echo, change preset to “2-stage Stress”

Pre Stress

58. Acquire PLAX LV
59. Acquire PSAX LV
60. Acquire Apical 4-Ch. LV
61. Acquire Apical 2-Ch. LV

Post Stress

62. Acquire Apical 4-Ch

63. Acquire Apical 2-Ch

64. Acquire PLAX LV

65. Acquire PSAX LV

All measurements must be entered into the system analysis package and displayed on screen. The final report also needs to be saved.