References

Adams, J.; Bodor G.; Davila-Roman, V.; (1993):
Cardiac troponin T-a marker with high specificity for cardiac injury. Circulation; 88: 101-106.

Adams, J.; Schechtman, J., Landt, Y.; (1994):
Comparable detection of acute myocardial infarction by creatine kinase MB isoenzyme and cardiac troponin I. Clin Chem; 40: 1291-1295.

Alam, M.; Wardell, J.; Andersson, E.; Samad, BA.; Nordlander, R.; (2000):
Effects of first myocardial infarction on left ventricular systolic and diastolic function with the use of mitral annular velocity determined by pulsed wave Doppler tissue imaging. J Am Soc. Echo; 13(5):343-352.

Albin, G.; Rahko, P.S.; (1990):
Comparison echocardiographic quantitation of left ventricular ejection fraction of radionuclide angiography in patients with regional wall motion. Am J. Cardio. 42: 50-62

Arnett, E.; Weiss, J.; Garrison, J.; Fortuin, N.; (1979):
Quantitative evaluation of regional left ventricular thickening in man by two-dimensional echocardiography. Am. J. Cardiol. 43: 77-86.

Baker, D.W.; Peronneau; (1996):
Principle of Doppler tissue velocity measurments. In Baker D.W., (eds): Atlas of tissue Doppler, 1st edition. New-York, H.P. publishing company, pp. 9-15.

Braunwald, E.; (1988):
Assessment of cardiac function. In Braunwald Eugene. Heart disease, 5th edition. Philadelphia, Saunders company, pp. 421-444

Broderick, T.M.; Bourdillon, P.D.V.; Ryan, T.; Feigenbaum, H.; Dillon, J.C.; Armstrong, W.F.; (1989):

Comparison of regional and global left ventricular function by serial echocardiograms after reperfusion in acute myocardial infarction. J. Am. Soc. Echo; 2., (5) 455:65

Burggraf, G.W.; Parker, J.O.; (1975):

Prognosis in coronary artery disease, angiographic haemodynamic and clinical factors. circulation, 51: 146-154.

Chilc, J.S.; (1987):

application of stress echocardiography in coronary artery disease, Advanced echocardiography and Doppler ultrasound. The Am. C. of cardiol. 5: 540-552.

David, L.B.; (1998):

Recognition and Treatment of Unstable Angina. In David L. Brown (ed): Cardiac Intensive Care. California, Saunders company, pp. 337- 345

Denis, P.; Laurent, C.; Fabrice L.; Floris P.; Serge W.; Colette V.; (1997):

Preejectional Left Ventricular Wall Motion in Normal Subjects Using Doppler Tissue Imaging and Correlation With Ejection Fraction. Am J Cardiol; 80:601-607.

Derumeaux, G.; Jamal, F.; Douillet, R.; Pontier, G.; Roussel, C.; Cribier, A.; (1999):

Analysis and quantification of longitudinal contraction of the left ventricle in myocardial infarction. Value of Doppler myocardial tissue imaging. Arch Mal Coeur Vaiss; 92(3):315-22.

Deswal, A.; Gorcsan, J.; Mankad, S.; (1998):

Quantification of the myocardial response to low dose dobutamine using tissue Doppler echocardiographic measures of velocity and velocity gradient. Am J Cardiol. 81: 615-623.

Dodge, H.T.; (1974):
Haemodynamic aspects of cardiac failure. In Braunwald E. (ed): The Myocardium: Failure and infarction. New-York, H.P. Publishing Co., pp 70-79.

Drozdz, J.; Erbel, R.; Wallbridge, D.; (1996):
Normal Pattern of Myocardial Velocity. In Drozdz J. (eds): Atlas of tissue Doppler echocardiography, 1st edition. New-York, H.P. pubilishing company, pp. 23-29

Drozdz, J.; Schon, F.; Nesser, HJ.; Erbel, R.; (1994):
Colour coded tissue Doppler echocardiography - a new method for quantification of cardiac wall motion (abstract). Eur J C P E 4:248

Eric, J. Topol; (2000):
Acute myocardial infarction. In Eric J. (eds): Manual of cardiovascular medicine, Cleveland, Ohio, Awoltrs Kluwer company, pp. 3-22

Eric, J. Topol; (2000):
Stress echocardiography. In Eric J. (eds): Manual of cardiovascular medicine, Cleveland, Ohio, Awoltrs Kluwer company, pp. 537-548

Feigenbaum, H.; (1986):
Assissment of segmental wall motion abnormalities. In Feigenbaum H.: Echocardiography, 4th edition. Philadelphia, Lea and Febiger, pp. 447-51

Feiner, J.M.; (1990):
Echocardiography. In Hurst J.W., (ed): The Heart, 7th edition. New-York, McGraw-hill Book Company, pp. 2229-2253

Filer, M.A.; Grossman, W.; (1986):
Measurements of ventricular volumes, ejection fraction mass and wall stress. In Grossman W. (ed): Cardiac catheterization and Angiography 3rd ed. Philadelphia. Lea and Febiger, pp. 282-300.

Fleming, AD.; McDicken, W.N.; Sutherland, G.R.; Fenn, L.; (1994):
Myocardial velocity gradients detected by Doppler imaging. The British Journal of Radiology, 67: 679-688.

Francesco, F.; Paolo T.; Giuseppina M.; Stefaro De Castro; Luca, C.; (1998):

New Modalities of Regional and Global Left Ventricular Function Analysis: State of the Art. Am J Cardiol; 81 (12A):49G-57G.

Garcia-Fernandez, MA.; Azevedo, BJ.; Moreno, M.; (1999):
Regional diastolic function in ischemic heart disease using pulsed wave Doppler tissue imaging. Eur Heart J; 20: 496-505.

Garot, J.; Derumeaux, GA.; Monin, JL.; (1999):
Quantitive systolic and diastolic transmyocardial velocity gradients assessed by M-mode colour Doppler tissue imaging as reliable indicators of regional left ventricular function after acute myocardial infarction. Eur Heart J; 20: 593-603.

Goldstein, S.; Willem de Jong, J.; (1974):
Changes in left ventricular wall dimension during regional myocardial ischemia. Am. J. Cardiol. 34:56.

Golino, P.; Ashton, JH.; Buja, LM.; (1989):
Local platelet activation causes vasoconstriction of large epicardial canine coronary arteries in vivo: Tromboxane A2 and serotonin are possible mediators. Circulation; 79: 154-166.

Gould, KL.; (1990):
Agreement on the accuracy of Thallium stress testing. J. Am. Coll. Cardiol., 15:1022-1023.

Grawford, M.H.; Presti, C.F.; (1994):

Exercise echocardiographic testing. In Hurst J.W., (eds): The Heart, 7th edition. New-York, Mc Graw-Hill Book company, pp. 2267-2272

Grossman, E.; (1986):

Evaluation of systolic and diastolic function of myocardium. In Grossman, W. (ed): Cardic catheterization and angiography, 3rd ed. Philadelphia, Lea and Febiger, pp. 301-319.

Guth, BD.; Schulz, T.; Heusch, G.; (1993).

Time course and mechanisms of contractile dysfunction during acute myocardial ischemia. Circulation; 87 SuppL IV:IV-35-42.

Hegar, J.; Weyman, A.E.; Feigenbaum, HG.; (1979):

Cross sectional echocardiography in acute myocardial infarction: Detection and localization of regional left ventricular asynergy. circulation 51:60-72.

Heikkila, J.; Neiminen, M.; (1975):

Echocardiographic detection, localization and quantification of left ventricular asynergy in acute myocardial infraction. Br. Heart, J., 37:46-62.

Heikkila, J.; Neiminen, M.; (1980):

Echocardiography in acute myocardial infarction. Infarct size and reliability by pathologic anatomic correlations. Clin. Cardiol., 3:26-35.

Henscheck, C.I.; Risser, T.A.; Sandor, T.; Hanion, W.B.; Meumann, A.; Wynne, J.; (1983):

Quantitative computer-assisted analysis of left ventricular wall thickening and motion by two-dimensional echocardiography in acute myocardial infarction. Am. J. Cardiol. 52:960-985.

Heyndrickx, CR.; Baic, H.; Nelkins, P.; Leusen, X.; Fishbein, MC.; Vatner, SF.; (1978):

Depression of regional blood flow and wall thickening after brief coronary occlusion. Am. J. Physiol., 234: 633-660.

Isaacsoim, J.L.; Earie, M.G.; Kemper, A.J.; Parisi, A.F.; (1988):

Post myocardial infarction pain and infract extension in the coronary care unit: role of two-dimensional echocardiography. J. Am. Coll. Cardiol. 11:246-48.

John, G. III; Gulati VK.; Mandarino W.A.; Katz, WE.; (1999):

Color-coded measures of myocardial velocity throughout the cardiac cycle by tissue Doppler imaging to quantify regional left ventricular function. Am Heart J; 131: 1203-13

Julian, D.G.; Wheatley, D.J.; Camm, A.J.; Foc, K.M.; Hall, R.J.C.; Poole-Wilson P.A.; Bailliere T.; (1989):

Surgery in ischemic heart disease; In Julian D.G., (eds): Diseases of the heart, 2nd edition. London, UK, W.B. Saunders company Ltd, pp. 1097-1114.

Kerber, R.; Abboud F.; (1973):

Echocardiographic detection of regional myocardial infarction. circulation 47:977-86.

Koch, R.; Lang, R.M.; Garcia, M-J.; (1999):

Objective evaluation of regional left ventricular wall motion during dobutamine stress echocardiographic studies using segmental analysis of color kinesis images. J Am Coll Cardiol; 34: 409-19.

Komer, R.R.; Edalji, A.; Hood W.B.; (1979):

Effects of Nitroglycerin on echocardiographic measurement of left ventricular wall thickness and regional myocardium performance during acute coronary ischemia. circulation 59:926-38.

Kukulski, T.; Shams, B.; Swahn, E.; Wranne, B.; Sutherland, GR.; (1999):

Can Doppler Myocardial imaging segmental velocities predict regional contractile recovery 3 months post successfully treated Q-wave acute infarction (Abstr). Eur Heart J; 20 (Abstract Suppl):527-34.

Kukulski, T.; Wilkenshoff, UM.; Strotmann, JM.; (1998):

A comparison of segmental myocardial velocity information derived by either pulsed or colour Doppler myocardial imaging. Are they interchangeable data sets? A normal subject study (Abstr). Eur Heart J; 19(Abstract Suppl): 440-44.

Kukulski, Y.; Jamal, F.; Szilard, M.; (1999):

Can ultrasound strain rate characterise acute ischemia- induced systolic function changes in an experimental pig model (Abstr)? Eur J Echocardiography; (Abstr Suppl): S76:76-83.

Kunio, M.; Masakazu, Y.; Norio, T.; Masaaki, U.; Nobuo, Y.; Yoshitake, M.; Akihiro, S.; Makoto, H.; (1995):

New method for evaluating left ventricular wall motion by tissue Doppler imaging. JACC 25:717-724.

Hatle, L.; Sutherland, G.R.; (2000):

Regional myocardial function - a new approach (The Gruntzig Lecture) European Heart Journal 21, 1337-1357.

Loh, I.K.; Charuzi, Y.; Beeder, C.; Marshall, L.A.; Guisburg, B.H.; (1982):

Early diagnosis of non transmural myocardial infarction by two-dimentional echocardiography. Am. Heart J., 104:963-969.

Masaaki U.; Kunio, M.; (1999):

Myocardial Velocity Gradient Assessed by a Tissue Doppler Imaging Technique.Am J. Of CV Ultrasound. . 16 (5):465-471

Maurer, G.; (1987):

Evaluation of segmental LV function. Advanced echocardiography and Doppler ultrasound. The Am. C. of cardiol. 5:520-33

McDicken, WN.; Sutherland, GR.; Moran, CM.; Gordon, LN.; (1992):
Colour Doppler velocity imaging of the myocardium. Ultrasound Med Biol; 18:651-4.

Miwa, K.; Miyagi, Y.; Fujita, M.; (1998):
Significance of ST-segment elevation in posterior chest leads (V7 to V9) in patients with acute inferior myocardial infarction: application for thrombolytic therapy. J Am Coll Cardiol. 31 (3): 506-11

Miyatake, K.; Yamazaki, N.; Mine, Y.; Sano, A.; Hirama, M.; Yamagishi, M.; Tanaka, N.; (2000):
Analysis of ventricular wall motion using color-coded tissue Doppler imaging system. Eur. H. J. 21:1337-1357.

Mock, M.B.; Ringqvist, I.; Fisher, L.D.; (1982):
Survival of medically treated patients in the coronary artery surgery study (CASS) registry. circulation 66:562-70.

Narins, CR.; Zareba, W.; Moss, AJ.; Goldstein, RE.; Hall, WJ.; (1997):
Clinical implications of silent versus symptomatic exercise-induced myocardial ischemia in patients with stable coronary artery diesease. J Am Coll Cardiol; 29:756-763

Patrico, P.; Tohru, M.; Kazuhiro, Y.; Hiroya, K.; Yasushi, S.; Shin, T.; Tsunehiko, K.; Masatsugu, H.; (2000):
Myocardial longitudinal motion by tissue velocity imaging in the evaluation of patients myocardial infarction. J. Am. Soc. of Echo. 13 (9):1-12

Perez, JE.; Waggoner, AD.; Barzilai, B.; Melton, HE.; Miller, JG.; Sobel, BE.; (1992):
On-line assessment of ventricular function by automatic boundary detection and ultrasonic backscatter imaging. J Am Coll Cardiol; 19: 313-20.

Peels, C.H.; Visser C.A.; Kupper A.J.F.; Visser F.C.; Roos J.P.; (1990):
Usefulness of two-dimensional echocardiography for immediate detection of myocardial ischemia in the emergency room. Am. J. Cardiol 65:687-691.

Picano, E.; Lattanzi, F.; Masini, M.; (1986):
High dose dipyridamole echocardiography test in effort angina pectoris. J Am Coll. Cardiol. 8:848-57.

Pichler, M.; (1978):
Non-invasive assessment of segmental left ventricular wall motion: its clinical relevance in detection of ischemia. Clin. Cardiol., 1:173-180.

Pigott, J.D.; Kouchoukos, N.T.; Oberman, A.; Culter, G.R.; (1985):
Late results of medical and surgical therapy for patients with CAD and depressed left ventricular function, J. Am. Coll. Cardiol., 5:1036-1048.

Richards, K.L.; (1988):
Exercise echocardiography. JACC 11:1000-1011.

Rogers, E.W.; (1978):
Predicting survival after myocardial infarction by cross-sectional echocardiography. circulation (suppl.). 58:II, 233-45.

Ross, J.Jr.; (1990):
Assessment of cardiac function and myocardial contractility. In Hurst J.W., (ed): The Heart, 7th edition. New-York, Mc Graw-Hill Book company, pp. 2281-2361.

Rude, P.; Poole, W.; Muller, J.; (1989):
Eloctrocardiographic and clinical criteria for recognition of acute myocardial infarction based on analyisis of 3697 patients. Am J Cardiol. 52; 936-942

Rutherford, J.D.; Braunwald, E.; Cohn, P.F.; (1988):

Chronic ischemic heart disease; In Braunwald Eugene, (ed): Heart disease, 2nd edition. Philadelphia, Saunders Company, pp. 1055-1082.

Schiller, N.B.; Botvinick, E.H.; (1987):

Non-invasive quantitation of the left ventricle by echocardiography and scintigraphy. Advanced echocardiography and Doppler ultrasound. The Am. C. of cardiol. 5:553-558

Schiller, N.B.; Shah, P.M.; Grawford, M.; (1989): .

Recommendations for quantitation of the left ventricle by two-dimensional echocardiography. J. Am. Soc. Echo. 2:358-68

Schlant, R.C.; Sonnenblick, E.H.; (1990):

Normal physiology of the cardiovascular system; In Hurst J.W., (ed): The Heart, 7th edition. New-York, Mc Graw-Hill Book company, pp. 113-152.

Schnittger, I.; Fitzgerald, PJ.; Gordon, EP.; Alderman, El.; (1995):

Computerized quantitative analysis of left ventricular wall motion by two-dimensional echocardiography. JACC 26 (1):217-223.

Sclarovsky, M.; Kasper, W.; Kauder, E.; Geibel, A.; Schonthaler, M.; Olschewski, M.; Just, H.; (1993):

Right ventricular infrction as an independent predictor of prognosis after acute inferior myocardial infarction New Eng. J. Med. 328:981-88.

Steingart, R.M.; Scheuer, J.; (1990):

Assessment of myocardial ischemia: In Hurst J.W., (ed): The Heart, 7th edition, New-York, Mc Graw-Hill Book company, pp. 1033-1054.

Stewart, M.J.; Groundstroem, WE.; Sutherland, GR.; Moran, CM.; Fleming, A.; Fenn, LN.; McDicken, WN.; (1993):

Myocardial imaging by colour Doppler coded velocity mapping - a new method for the assessment of myocardial; contractility(abstract). Eur Hear J 14 (suppl):467-74.

Surawicz, B.; (1986):

ST-segment, T-wave, and U-wave changes during myocardial ischemia and after myocardial infarction. Canadian J. Cardiol. (Suppl A), 1:71A-84A.

Sutherland, GR.; Stewart, M.J.; Groundstroem, WE.; Moran, CM.; Fleming, A.; Fenn, LN.; McDicken, WN.; (1994):

Color Doppler myocardial imaging: A new technique for the assessment of myocardial function. J. AM Soc. Echo. 7:441-458.

Tennant, R.; Wiggers, C.J.; (1985):

The effect of coronary occlusion on myocardial contraction. Am. J. Physiol. 112:351-365.

Theroux, R.; Ross, J.; Franklin, D.; (1976):

Regional myocardial function in the conscious dogs during acute coronary occlusion and responses to morphine, propranolol, nitroglycerine and lidocaine. circulation 52:302-313.

Uematsu, M.; Miyatake, K.; Yamagishi, M.; Tanaka, N.; Nagata, S.; Sasaki, T.; Sano, A.; Yamazaki, N.; Mine, Y.; Hirama, M.; (1994):

Myocardial velocity gradient as a new method to quantitate regional left ventricular wall motion abnormalities (abstract). Circulation 90:1-326.

Uematsu, M.; Miyatake, K.; Yamagishi, M.; Tanaka, N.; Nagata, S.; Sasaki, T.; Sano, A.; Yamazaki, N.; Mine, Y.; Hirama, M.; (1995):

New method for evaluation left ventricular wall motion by color-coded tissue Doppler imaging: in vitro and in vivo studies. J. Am. Coll. Cardiol; 25:717-724.

Wann, L.S.; Faris, J.V.; Childress, R.H.; Dillon, J.C.; Weyman, A.E.; Feigenbaum, H.; (1979):

Exercise Cross-sectional echocardiography in ischemic heart disease. circulation 60 (6):630-643.

Wayne Alexander, R.; (2000):

Diagnosis and manegment of patients with acute myocardial infarction. In Hurst J.W., (ed): The heart, 9th edition. New-York, Mc Graw-Hill Book company, pp. 161-213

Weiss, J.L.; Bulkey, B.; Mason, S.; (1978):

Two-dimensional echocardiography quantification of myocardial injury in man: Comparaison with post-mortem studies. circulation (Suppl. II), 58:595-608.

Weiss, J.L.; Bulkey, B.M.; Hutchino, G.M.; Mason, S.J.; (1981):

Two-dimensional echocardiography recognition of myocardial injury in man: Comparaison with post-mortem studies. circulation 63:401-12.

Weyman, A.E.; Franklin, T.D.; Eugenes, K.M.; Green, D.; (1977):

Correlation between extent of abnormal regional wall motion and myocardial infarct size in chronically infarcted dogs. circulation (Supp. II), 56:72.

Weyman, A.E.; Franlkin, T.D.; Hogan, R.D.; Gillam, L.D.; Wiske, P.S.; (1984):

Importance of normal heterogenecity in assessing the contraction abnormalities associated with acute myocardial ischemia. circulation 70:102-10.

Wilkenshoff, UM.; Kukulski, T.; Strotmann, JM.; (1998):

A comparison of segmental myocardial velocity information derived by either pulsed or colour Doppler myocardial imaging. Are they interchangeable data sets? A normal subject study (Abstr). Eur Heart J; 19 (Abstract Suppl):440-44.

Wilkenshoff, UM.; Svany, A.; Wigstrom, L.; (1998):

Regional mean systolic myocardial velocity estimation by real-time color Doppler myocardial imaging: A new technique for quantifying regional systolic function. J Am Soc Echocardiogr; 11: 683-92.

Yamazaki, N.; Mine, Y.; Sano, A.; Hirama, M.; Miyatake, K.; Yamagishi, M.; Tanaka, N.; (1994):

Analysis of ventricular wall motion using color-coded tissue Doppler imaging system. Jpn J Appl Phys 33: 3141-6.

Yao, SK.; Benedict, C.; Rosolowsky, M.; (1991):

Effect of aspirin on local prostaglandin production and serotonin accumulation in canine model with coronary cyclic flow variations. J Mol Cell Card; 23:473-482

Zamorano, J.; (1998):

Is tissue Doppler echocardigraphy ready for clinical application. Eur. H. J. 20: 558-560..

Zamorano, J.; Wallbridge, D., Drozdz, J.; Nesser, J.; Erbel, R.; (1998):

Assessment of cardiac physiology by tissue Doppler echocardiography. Eur. H. J. 18: 330-339.

1. Tissue Doppler Imaging in Patients With Old Anterior MI

ent	Anteroseptum				Posterior Wall				Septal Wall						Lateral Wall						Anterior Wall						Inferior Wall					
	Mid Part		Basal Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part	
	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.
	0.02	0.34	0.05	1.29	0.01	0.30	0.02	0.55	0.01	0.33	0.02	0.51	0.05	1.40	0.01	0.39	0.02	0.55	0.04	2.00	0.009	0.22	0.02	0.55	0.05	1.27	0.03	0.93	0.03	0.97	0.05	1.29
	0.03	0.34	0.02	0.85	0.04	1.20	0.05	1.40	0.03	0.34	0.04	0.48	0.05	0.61	0.02	0.58	0.03	0.41	0.03	0.39	0.001	0.58	0.02	0.68	0.03	0.58	0.007	0.12	0.05	1.42	0.03	0.47
	0.02	0.85	0.03	0.67	0.02	0.49	0.04	1.43	0.03	0.69	0.03	0.60	0.05	1.45	0.03	0.77	0.07	1.58	0.07	1.69	0.01	0.90	0.05	1.74	0.10	1.50	0.04	2.32	0.05	1.39	0.05	1.39
	0.03	0.54	0.03	0.42	0.02	0.36	0.02	0.32	0.03	0.58	0.03	0.64	0.05	1.51	0.01	0.45	0.06	1.64	0.04	1.40	0.02	0.36	0.03	0.90	0.05	1.93	0.02	0.90	0.03	0.64	0.06	1.64
	0.06	1.84	0.05	1.04	0.04	1.35	0.02	0.66	0.15	1.65	0.05	2.32	0.09	1.26	0.15	1.60	0.04	2.33	0.06	1.44	0.02	0.41	0.03	0.63	0.03	0.81	0.12	2.03	0.08	1.77	0.05	1.22
	0.01	0.63	0.03	0.77	0.03	1.11	0.04	1.20	0.04	1.12	0.04	1.11	0.09	3.09	0.06	1.42	0.04	1.00	0.05	2.02	0.03	0.90	0.06	3.61	0.03	0.34	0.04	1.12	0.04	1.11	0.09	3.09
	0.04	0.40	0.17	2.63	0.04	1.03	0.04	0.44	0.06	1.82	0.05	1.24	0.10	1.54	0.04	0.67	0.02	0.59	0.07	1.72	0.04	0.74	0.03	0.91	0.07	1.14	0.06	1.36	0.08	2.81	0.09	1.21
	0.02	0.47	0.06	3.16	0.02	0.43	0.03	0.56	0.02	0.62	0.02	0.77	0.04	1.13	0.008	0.52	0.03	0.61	0.03	0.44	0.01	0.68	0.03	0.81	0.07	3.61	0.02	0.53	0.04	1.40	0.05	1.35
	0.02	0.34	0.03	0.47	0.02	0.24	0.03	0.30	0.03	0.52	0.03	0.21	0.06	1.21	0.05	1.51	0.02	0.34	0.06	1.01	0.01	0.63	0.01	0.62	0.03	0.37	0.05	1.76	0.03	0.58	0.06	1.70
9	0.04	1.74	0.05	1.51	0.04	2.13	0.06	1.21	0.03	1.30	0.04	1.24	0.05	1.08	0.04	2.06	0.03	0.87	0.05	1.62	0.03	0.74	0.03	0.84	0.06	1.10	0.04	1.02	0.04	1.16	0.04	1.13
	0.02	0.52	0.05	1.05	0.02	0.58	0.04	1.02	0.02	0.68	0.03	0.69	0.07	1.16	0.01	0.43	0.02	0.72	0.03	0.77	0.007	0.15	0.03	0.80	0.05	1.22	0.03	1.16	0.04	2.19	0.05	1.08
2	0.03	0.77	0.02	0.72	0.06	1.12	0.05	1.70	0.03	0.89	0.04	1.05	0.05	1.24	0.05	1.13	0.03	0.93	0.02	0.55	0.02	0.41	0.02	0.89	0.03	0.64	0.03	0.84	0.05	1.05	0.05	1.29
3	0.02	0.25	0.02	0.30	0.03	0.26	0.03	0.45	0.02	0.28	0.04	1.20	0.04	2.60	0.03	0.66	0.02	0.50	0.02	0.45	0.02	0.99	0.03	0.36	0.04	0.68	0.04	0.61	0.04	2.20	0.04	1.66
4	0.01	0.33	0.02	0.32	0.03	0.67	0.002	0.36	0.03	0.32	0.001	0.24	0.01	0.23	0.03	0.32	0.02	0.29	0.008	0.31	0.02	0.40	0.01	0.35	0.03	0.60	0.04	1.22	0.04	1.60	0.05	2.30
5	0.03	0.30	0.03	0.30	0.03	0.25	0.02	1.25	0.03	0.35	0.04	0.36	0.04	0.31	0.04	0.88	0.03	0.60	0.03	0.77	0.03	0.37	0.01	0.18	0.02	0.30	0.03	0.35	0.04	0.36	0.04	1.30
6	0.02	0.33	0.04	0.50	0.05	1.66	0.07	3.32	0.01	0.13	0.02	0.14	0.02	0.21	0.01	0.13	0.07	0.69	0.02	0.33	0.02	0.31	0.02	0.35	0.04	0.26	0.02	0.12	0.05	1.26	0.04	2.10
7	0.03	0.76	0.03	0.52	0.05	1.02	0.04	1.30	0.06	0.66	0.03	0.33	0.02	0.27	0.07	0.68	0.04	0.58	0.03	0.86	0.02	0.24	0.01	0.17	0.03	0.33	0.03	0.52	0.04	0.58	0.04	0.58
8	0.01	0.46	0.02	0.50	0.05	1.21	0.04	2.22	0.04	1.21	0.05	2.03	0.08	3.21	0.06	1.01	0.06	2.02	0.05	1.76	0.02	0.54	0.03	0.84	0.05	1.61	0.05	1.26	0.06	1.49	0.05	1.48
9	0.02	0.33	0.02	0.24	0.02	0.18	0.02	0.20	0.02	0.34	0.05	0.52	0.04	0.54	0.03	0.35	0.03	0.23	0.03	0.22	0.02	0.30	0.02	0.20	0.03	0.35	0.04	0.56	0.02	0.32	0.03	0.26
0	0.03	0.30	0.03	0.23	0.01	0.09	0.02	0.22	0.02	0.24	0.03	0.25	0.05	0.55	0.03	0.22	0.03	0.36	0.04	0.55	0.02	0.37	0.04	0.56	0.05	0.63	0.02	0.23	0.04	0.52	0.05	0.55

.V. = Myocardial Velocity, Normal = 0.4 : 0.15 m/S (4 : 15 Cm/S)

.V.G. = Myocardial Velocity Gradient, Normal = 1 : 3.80 m/S^2

2. 2D Echo in Patients With Old Inferior MI

Patient No.	Anteroseptu		Posterior		Septal Wall			Lateral Wall			Anterior Wall			Inferior Wall			L.V. score index	
	Mid Part	Basal Part	Mid Part	Basal Part	Apical Part	Mid Part	Basal Part	Apical Part	Mid Part	Basal Part	Apical Part	Mid Part	Basal Part	Apical Part	Mid Part	Basal Part	Totals	Percentage
1	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	22	1.375
2	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	22	0.5
3	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	28	0.625
4	1	1	1	1	2	2	2	1	2	1	1	2	2	1	1	1	22	0.5
5	1	1	1	1	1	2	2	1	2	1	1	1	1	2	2	2	22	0.5625
6	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	20	0.4375
7	1	1	2	1	1	2	2	1	1	2	1	1	2	2	1	1	22	0.5
8	2	2	2	1	1	2	1	2	2	2	1	2	1	1	1	1	24	0.4375
9	1	1	1	2	2	2	2	1	1	2	1	1	2	1	1	1	22	0.4375
10	1	1	2	2	2	2	2	1	2	2	1	1	1	1	2	2	25	0.5
11	2	1	1	2	2	1	1	2	2	1	1	2	2	1	2	2	25	0.625
12	1	1	1	1	2	2	1	1	2	2	1	2	1	1	2	1	22	0.5
13	2	2	2	1	1	2	1	1	1	1	1	2	2	1	1	1	22	0.5
14	1	1	1	1	2	2	2	2	1	1	1	2	2	1	2	1	23	0.5625
15	2	2	1	1	2	1	2	2	2	1	1	2	1	2	2	1	25	0.5625
16	2	2	2	1	1	2	1	1	2	1	2	2	2	1	1	2	25	0.625
17	1	1	2	1	2	2	1	1	1	1	1	2	2	1	1	1	21	0.5
18	1	2	1	1	1	2	1	2	2	1	2	2	1	2	3	2	26	0.75
19	1	1	1	1	2	2	2	3	2	3	1	1	2	1	3	3	29	0.6875
20	2	2	2	1	1	1	2	3	2	1	2	1	2	1	2	3	28	0.6875

1. Normal = 1
2. Hypokinetic = 2
3. Akinetic = 3
4. Dyskinetic = 4

2. Tissue Doppler Imaging in Patients With Old Inferior MI

nt	Anteroseptum				Posterior Wall				Septal Wall						Lateral Wall						Anterior Wall						Inferior Wall					
	Mid Part		Basal Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part	
	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.	M.V.	M.V. G.
	0.02	0.30	0.03	0.51	0.11	3.06	0.02	0.30	0.02	0.09	0.05	0.22	0.04	1.45	0.06	2.30	0.05	2.00	0.07	2.30	0.06	2.30	0.04	1.40	0.06	1.44	0.05	1.60	0.01	0.20	0.02	0.19
	0.03	0.36	0.02	0.39	0.02	0.39	0.02	0.47	0.03	0.70	0.03	0.70	0.05	1.13	0.02	0.30	0.02	0.73	0.01	0.19	0.03	2.32	0.04	1.31	0.05	1.09	0.03	0.24	0.03	0.56	0.03	0.56
	0.04	1.22	0.02	0.44	0.03	0.60	0.02	0.41	0.03	0.74	0.04	0.88	0.05	1.24	0.03	0.74	0.04	0.80	0.05	1.20	0.04	1.52	0.05	2.20	0.04	1.09	0.03	0.51	0.04	1.71	0.03	0.48
	0.05	1.11	0.04	1.39	0.04	1.29	0.01	0.31	0.05	1.62	0.04	1.24	0.05	1.10	0.04	1.16	0.05	1.66	0.05	1.19	0.03	1.16	0.04	1.39	0.08	1.61	0.01	0.28	0.03	0.60	0.05	1.24
	0.04	2.06	0.04	3.38	0.02	0.50	0.03	0.90	0.04	1.39	0.05	1.27	0.08	1.26	0.05	1.13	0.07	1.07	0.07	1.07	0.03	0.86	0.04	2.26	0.05	1.06	0.03	0.77	0.05	1.11	0.05	1.30
	0.05	0.56	0.05	0.64	0.04	1.20	0.05	1.26	0.06	1.20	0.04	2.20	0.05	3.21	0.06	2.20	0.07	3.20	0.04	2.11	0.04	1.37	0.04	1.68	0.05	1.20	0.03	0.25	0.05	0.29	0.03	0.20
	0.04	0.60	0.03	0.26	0.02	0.41	0.03	0.50	0.03	0.36	0.05	0.72	0.05	0.57	0.03	0.39	0.05	0.84	0.07	0.68	0.03	0.41	0.04	0.50	0.06	0.63	0.03	0.35	0.03	0.31	0.05	0.53
	0.05	1.04	0.02	0.64	0.05	1.06	0.12	3.35	0.05	2.38	0.05	1.36	0.04	1.00	0.04	1.84	0.02	1.29	0.04	2.19	0.04	2.32	0.02	0.21	0.04	1.55	0.02	0.77	0.03	0.97	0.03	0.87
	0.04	1.43	0.04	1.35	0.01	0.58	0.02	0.66	0.02	0.77	0.05	1.13	0.05	1.19	0.05	1.47	0.03	0.97	0.05	1.13	0.03	1.16	0.05	1.59	0.06	1.20	0.01	0.39	0.02	0.50	0.03	0.97
	0.05	2.84	0.04	1.28	0.04	1.64	0.06	1.03	0.02	1.74	0.04	1.20	0.07	1.10	0.03	2.71	0.04	1.50	0.05	1.61	0.03	0.82	0.04	2.45	0.05	1.01	0.02	0.68	0.03	0.90	0.05	1.06
	0.07	1.43	0.06	1.66	0.01	0.14	0.01	0.15	0.02	1.16	0.04	1.35	0.06	1.10	0.03	0.61	0.02	0.35	0.01	0.08	0.02	1.35	0.06	1.35	0.06	1.52	0.03	0.90	0.02	0.64	0.01	0.54
	0.07	1.14	0.05	2.84	0.03	0.93	0.02	0.61	0.04	3.38	0.04	1.35	0.06	1.10	0.03	1.55	0.05	2.03	0.05	1.19	0.04	1.28	0.05	1.08	0.07	1.04	0.09	1.60	0.03	1.35	0.03	0.71
	0.05	1.29	0.06	1.40	0.02	0.50	0.02	0.45	0.07	1.29	0.05	1.14	0.07	1.31	0.05	1.66	0.06	2.13	0.07	1.63	0.04	1.08	0.05	1.01	0.06	1.03	0.02	0.12	0.02	0.21	0.02	0.14
	0.12	1.39	0.05	1.06	0.03	0.63	0.03	0.68	0.04	1.22	0.05	2.10	0.06	1.66	0.05	2.10	0.05	1.86	0.07	1.77	0.03	0.63	0.04	1.20	0.04	1.08	0.03	0.74	0.03	0.71	0.02	0.44
	0.06	1.14	0.04	1.13	0.03	0.63	0.02	0.77	0.04	3.09	0.05	1.24	0.07	1.26	0.13	2.26	0.11	1.82	0.12	2.04	0.04	1.28	0.07	1.84	0.10	1.66	0.05	1.19	0.06	1.28	0.08	1.78
	0.06	1.20	0.04	1.20	0.07	2.10	0.05	1.36	0.04	1.59	0.06	2.27	0.07	1.10	0.04	1.24	0.04	1.19	0.04	1.02	0.03	0.56	0.06	1.12	0.07	2.75	0.02	0.50	0.02	0.44	0.02	0.77
	0.04	1.20	0.02	0.55	0.02	0.44	0.02	0.51	0.04	1.22	0.05	1.55	0.05	1.13	0.05	1.16	0.05	1.32	0.05	1.62	0.02	0.61	0.04	1.28	0.05	1.13	0.03	0.72	0.02	0.77	0.03	0.58
	0.03	0.40	0.03	0.35	0.04	0.52	0.04	1.02	0.04	1.20	0.04	1.35	0.05	1.66	0.05	1.24	0.05	1.80	0.06	2.82	0.02	0.21	0.04	1.50	0.04	1.35	0.04	0.65	0.03	0.20	0.03	0.26
	0.07	1.69	0.04	1.81	0.03	0.34	0.03	0.40	0.05	2.20	0.04	1.27	0.05	1.00	0.04	1.13	0.04	1.24	0.06	2.50	0.20	2.58	0.13	3.01	0.14	3.38	0.03	0.29	0.03	0.29	0.03	0.22
	0.04	1.22	0.04	1.13	0.01	0.23	0.02	0.77	0.04	2.45	0.05	1.32	0.06	1.48	0.04	1.24	0.04	1.24	0.04	1.31	0.05	1.38	0.06	2.09	0.07	1.90	0.02	0.50	0.03	0.68	0.06	0.97

.V. = Myocardial Velocity, Normal = 0.4 : 0.15 m/S (4 : 15 Cm/S)

.V.G. = Myocardial Velocity Gradient, Normal = 1 : 3.80 m/S^2

Controlled Normal Subjects by Tissue Doppler Imaging

	Anteroseptum				Posterior Wall				Septal Wall						Lateral Wall						Anterior Wall						Inferior Wall					
	Mid Part		Basal Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part		Apical Part		Mid Part		Basal Part	
	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.	M.V.	M.V.G.
	0.04	1.40	0.05	1.60	0.06	2.30	0.05	2.40	0.05	1.55	0.04	1.59	0.04	1.50	0.04	1.55	0.08	1.67	0.08	1.99	0.04	1.31	0.06	2.66	0.08	1.59	0.04	1.59	0.04	1.59	0.05	1.55
	0.06	1.61	0.07	1.35	0.07	2.42	0.07	2.40	0.05	1.40	0.05	1.74	0.04	1.55	0.05	1.40	0.05	1.74	0.05	1.35	0.04	1.87	0.04	1.55	0.05	1.55	0.04	1.50	0.04	1.39	0.04	1.55
	0.11	2.20	0.06	1.57	0.05	1.21	0.05	1.21	0.07	2.36	0.05	1.51	0.08	1.22	0.07	2.36	0.05	1.74	0.04	1.16	0.05	1.48	0.05	1.24	0.08	1.35	0.11	2.74	0.06	2.13	0.06	1.84
	0.07	1.45	0.10	1.82	0.08	1.91	0.05	1.32	0.05	1.64	0.09	1.65	0.11	1.53	0.07	2.34	0.05	1.60	0.04	1.25	0.04	1.29	0.07	1.84	0.10	1.66	0.05	1.19	0.06	1.28	0.08	1.78
	0.04	1.10	0.06	2.51	0.09	1.29	0.04	1.10	0.04	1.39	0.06	1.12	0.06	1.40	0.08	1.14	0.08	1.20	0.07	1.30	0.08	1.20	0.08	1.33	0.05	1.70	0.05	1.70	0.05	1.38	0.08	1.14
	0.08	1.64	0.06	1.57	0.05	1.55	0.05	2.20	0.04	1.64	0.05	1.59	0.06	1.16	0.08	1.64	0.05	1.50	0.04	1.60	0.04	1.64	0.05	1.59	0.06	1.16	0.05	2.20	0.05	1.55	0.05	1.50
	0.05	2.13	0.05	1.50	0.04	1.64	0.04	1.28	0.04	1.55	0.04	1.84	0.05	1.55	0.05	1.24	0.05	2.22	0.08	1.53	0.04	1.35	0.04	1.74	0.05	1.35	0.04	1.40	0.07	1.87	0.06	1.30
	0.04	1.74	0.05	2.51	0.05	1.45	0.06	1.38	0.05	1.62	0.05	1.35	0.05	1.45	0.12	3.83	0.07	1.31	0.10	1.50	0.04	1.84	0.04	1.59	0.06	1.35	0.04	1.87	0.04	1.45	0.05	1.55
	0.05	2.84	0.08	2.86	0.04	1.79	0.06	2.27	0.04	2.71	0.04	2.32	0.12	3.48	0.04	2.00	0.06	1.33	0.07	1.42	0.04	1.35	0.04	1.93	0.05	1.51	0.04	1.43	0.06	1.49	0.07	1.37
	0.07	2.32	0.07	1.74	0.04	1.59	0.04	1.74	0.05	2.71	0.05	1.70	0.07	1.35	0.04	1.93	0.09	2.10	0.10	1.78	0.06	3.42	0.05	1.74	0.09	1.53	0.04	1.69	0.06	1.89	0.08	1.59

V. = Myocardial Velocity, Normal = 0.4 : 0.15 m/S (4 : 15 Cm/S)

V.G. = Myocardial Velocity Gradient, Normal = 1 : 3.80 m/S^2

Table 1 in Patients With Old Anterior MI

Age in Years	Sex	Risk Factor	ECG	Angiogram			Ventriculogram in RAO		
				RCA Lesion	Cx. M. Artery	LDA Lesion	Anterior Wall	Inferior Wall	Apical Part
45	Male	Smoker, HPTN, Dyslipademic	Q. Wave with raised S-T Segment from V1 ~ V3 with Depressed St-Segment from V4 ~ V6	-	-	60% after D1	Hypokinetic	Hypokinetic	Akinetic
35	Male	Dm, Smoker	Q. Wave from V1 ~ V4	-	-	80% Proximal 1/3rd	Hypokinetic	Hypokinetic	Akinetic
50	Male	DM, Smoker, Obsity	Q. Wave with raised S-T Segment from V1 ~ V5 with inerted T-Wave	-	-	50% in Mid Segment	Normal	Normal	Hypokinetic
40	Male	DM, Dyslipademic	Q. Wave from V1 ~ V5	-	-	95% proximal 1/3rd	Hypokinetic	Hypokinetic	Akinetic
38	Male	Smoker (Goaza), DM	Q. Wave from V1 ~ V4	-	-	80% in Mid Segment with Ectatic Vessele	Hypokinetic	Normal	Hypokinetic
50	Male	HPTN, Smoker	Q. Wave with raised S-T Segment with inverted T-Wave from V2 ~ V4	-	-	75% proximal 1/3rd	Hypokinetic	Normal	Hypokinetic
55	Male	Dyslipademic	Q. Wave with raised S-T Segment from V1 ~ V4	-	-	85% in Mid Segment	Hypokinetic	Normal	Hypokinetic
46	Male	Smoker, Hypercholesteremic	Q. Wave from V1 ~ V2 with inverted T-Wave from V1 ~ V6	-	-	75% in distal 1/3rd	Hypokinetic	Normal	Hypokinetic
47	Male	Smoker (Goaza), DM	Q. Wave with raised S-T Segment from V1 ~ V3 & S-T Segment raised in V4	-	-	90% in Mid Segment	Hypokinetic	Normal	Akinetic
49	Male	Smoker	Q. Wave with inverted T-Wave from V1 ~ V5 with raised S-T Segment in V6	-	-	90% in Mid Segment	Hypokinetic	Normal	Hypokinetic
53	Male	-	Q. Wave from V1 ~ V3	-	-	70% in proximal 1/3rd	Hypokinetic	Normal	Akinetic
45	Male	-	Q. Wave from V1 ~ V3 with inverted T-Wave from V1 ~ V6	-	-	70% in distal 1/3rd	Hypokinetic	Normal	Hypokinetic
52	Male	HPTN, DM	Q. Wave from V1 ~ V2 with raised S-T Segment from V2 ~ V4	-	-	100% after D1	Hypokinetic	Normal	Akinetic
50	Male	Smoker, HPTN, DM	Q. Wave from V1 ~ V2 with depressed S-T Segment from V3 ~ V6	-	-	100% after D1	Akinetic	Normal	Akinetic
55	Male	Smoker, HPTN, Hypercholesteremic	Q. Wave with raised S-T Segment from V1 ~ V5	-	-	100% after giving ramus intermedus	Akinetic	Hypokinetic	Akinetic
50	Male	HPTN, DM, Smoker	Q. Wave from V1 ~ V2 with raised S-T Segment & inverted T-Wave from V3 ~ V5	-	-	85% in Proximal 1/3rd	Akinetic	Normal	Akinetic
58	Male	Smoker, HPTN, DM	Q. Wave from V1 ~ V3 with raised S-T Segment from V4 ~ V6	-	-	100% after D1	Akinetic	Hypokinetic	Akinetic
40	Male	Dm, Smoker	Q. Wave from V1 ~ V2 with inverted T-Wave from V2 ~ V6	-	-	80% in proximal 1/3rd	Hypokinetic	Normal	Hypokinetic
40	Female	Obsity, DM, Dyslipademic	Q. Wave with raised S-T Segment from V1 ~ V2 & Depressed S-T Segment from V4 ~ V6	-	-	Total Obstruction after D1 100%	Akinetic	Akinetic	Akinetic
57	Male	Smoker	Q. Wave from V1 ~ V3 with inverted T-Wave from V3 ~ V6	-	-	90% in proximal 1/3rd	Hypokinetic	Hypokinetic	Akinetic

Table 2 in Patients With Old Inferior MI

Age in Years	Sex	Risk Factor	ECG	Angiogram			Ventriculogram in RAO		
				LAD	Cx. M. Artery	RCA Lesion	Anterior Wall	Inferior Wall	Apical Part
40	Male	DM, Smoker	Q. Wave II, III, AVF with flatining S-T Segment in II, III, AVF	-	-	70% in Mid Segment with Ectatic Vessele	Normal	Hypokinetic	Normal
50	Female	Obsity & HPTN	Q. Wave II, III, AVF with inverted T-Waves	-	-	85% in Mid-Segment	Normal	Hypokinetic	Normal
44	Male	HPTN, Dyslipademic	Q. Wave II, III, AVF with inverted T-Waves	-	-	95% in Proximal 1/3rd	Normal	Hypokinetic	Hypokinetic
50	Male	Smoker, HPTN	Q. Wave III, AVF with raised S-T Segment	-	-	80% in Distal 1/3rd	Normal	Hypokinetic	Normal
50	Male	Smoker, DM	Q. Wave II, III, AVF with raised S-T Segment	-	-	60% in Proximal 1/3rd	Normal	Normal	Normal
47	Female	HPTN, DM	Q. Wave II, III, AVF	-	-	Stumped RCA	Normal	Akinetic	Normal
40	Female	Obsity & HPTN	Q. Wave III, AVF with raised S-T Segment & inverted T-Wave	-	-	90% in Proximal 1/3rd	Normal	Akinetic	Akinetic
55	Male	HPTN	Q. Wave III, AVF with inverted T-Wave	-	-	90% Subtotal Proximal long Lesion	Normal	Hypokinetic	Normal
40	Male	Smoker, DM	Q. Wave III, AVF with raised S-T Segment	-	-	80% in Middle Segment	Normal	Hypokinetic	Normal
49	Male	DM, Dyslipademic	Q. Wave III with raised S-T Segment in II AVF	-	-	95% in Distal 1/3rd	Normal	Hypokinetic	Normal
40	Male	Smoker	Q. Wave II, III, AVF	-	-	85% in Mid-Segment	Normal	Hypokinetic	Normal
58	Female	Obsity & HPTN	Q. Wave III with inverted T-Wave in II, III, AVF	-	-	50% in Distal 1/3rd	Normal	Normal	Hypokinetic
47	Male	Smoker	Q. Wave with inverted T in II, III, AVF	-	-	100% RCA Lesion	Normal	Akinetic	Akinetic
47	Male	HPTN	Q. Wave with inverted T in III, AVF	-	-	70% in Mid Segment	Normal	Hypokinetic	Hypokinetic
40	Female	Smoker, Obsity	Raised S-T Segment in II, III, AVF & Q. Wave in III	-	-	40% in Proximal 1/3rd	Normal	Normal	Normal
50	Female	Obsity, DM, Hypercholesteremic	Q. Wave II, III, AVF with raised S-T Segment	-	-	75% in Mid Segment	Normal	Hypokinetic	Hypokinetic
50	Male	Smoker, DM, Dyslipademic	Q. Wave with inverted T-Wave in II, III, AVF	-	-	95% in Mid Segment	Normal	Hypokinetic	Hypokinetic
40	Male	HPTN, Smoker	Q. Wave with raised S-T Segment in III, AVF	-	-	99% in Proximal 1/3rd	Normal	Akinetic	Akinetic
60	Male	DM, Dyslipademic	Q. Wave with raised S-T Segment in III, AVF	-	-	100% before RT. Vnt. Branch	Normal	Akinetic	Akinetic
55	Male	Smoker, DM, Dyslipademic	Q. Wave III, AVF with inverted T-Wave	-	-	85% in Mid-Segment	Normal	Hypokinetic	Hypokinetic