

DAFTAR PUSTAKA

1. Fox K, Garcia MAA, Ardissino D, Buszman P, Camici PG, Crea F, et al. Guideline on the management of stable angina pectoris : executive summary : The Task Force on the Management of Stable Angina Pectoris of the European Society of Cardiology. European Heart Journal 2006;27(11):1341-1381
2. Tardif CJ. Coronary artery disease in 2010. European Heart Journal 2010;12(Suppl C):C2–10.
3. Delima, Mihardja L and Siswoyo H. Prevalensi dan Faktor Determinan Penyakit Jantung di Indonesia. Buletin Penelitian Kesehatan 2009;37:142-159
4. Kharabsheh MS, Al-Sugair A, AL-Burauki J, Farhan J. Overview of exercise stress testing. Annals of Saudi Medicine 2006;26:1–6.
5. Lindemberg S, Chermont S, Quintao M, Derossi M, Guilhon S, Bernardez S, et al. Heart rate recovery in the first minute at the six-minute walk test in patients with heart failure. Arquivos Brasileiros de Cardiologia 2014;102(3):279–286.
6. Qiu S, Cai X, Sun Z, Li L, Zuegel M, Steinacker JM, et al. Heart rate recovery and risk of cardiovascular events and all-cause mortality: A meta-analysis of prospective cohort studies. Journal of the American Heart Association 2017;6;1-7
7. Cole CR, Blackstone EH, Pashkow FJ, Snader CE, Lauer MS. Heart-rate recovery immediately after exercise as a predictor of mortality. New England Journal of Medicine 1999;341(18):1351–1357.
8. Pierpont GL, Voth EJ. Assessing autonomic function by analysis of heart rate recovery from exercise in healthy subjects. American Journal of Cardiology 2004;94(1):64–68
9. Vivekananthan DP, Blackstone EH, Pothier CE, Lauer MS. Heart rate recovery after exercise is a predictor of mortality, independent of the angiographic severity of coronary disease. Journal of the American College of Cardiology 2003;42: 831-838
10. Lipinski MJ, Vetrovec GW, Froelicher VF. Importance of the first two minutes of heart rate recovery after exercise treadmill testing in predicting mortality and the presence of coronary artery disease in men. American Journal of Cardiology 2004;93: 445-449.
11. Ghaffari S, Kazemi B, Aliakbarzadeh P. Abnormal heart rate recovery after exercise predicts coronary artery disease severity. Cardiology Journal 2011;18(1): 47–54
12. Shetler K, Marcus R, Froelicher VF, Vora S, Kalisetti D, Prakash M, et al. Heart rate recovery: validation and methodologic issues. Journal of the American College of Cardiology 2001;38:1980-1987
13. Fletcher FG, Ades PA, Kligfield P, Arena R, Ballady GJ. Exercise standards for testing and training: A scientific Statement from The American Heart Association. Circulation 2013;128:873-934
14. Froelicher VF, Myers J. Basic exercise physiology. In: Exercise and the Heart.5th ed. Philadelphia:Elsevier 2006;1-10
15. Akinpelu, D., Gonzales, JM. Treadmill Stress Testing.2014.Available online from <http://emedicine.medscape.com> diakses 1 juni 2018
16. Fletcher GF, Balady GJ, Amsterdam EA. Exercise standards for testing and training: a statement for healthcare professionals from the American Heart Association. Circulation 2001;104:1694-1740.

17. Okotucu S, Karakulak UN, Aytemir K, Oto A. Heart rate recovery: a practical clinical indicator of abnormal cardiac autonomic function. *Expert Review of Cardiovascular Therapy* 2011;9(11):1417-1430
18. Dimopoulos S, Manetas C, Panagopoulou N, Karatzanos L, Nanas S. The prognostic role of heart rate recovery after exercise in health and disease. *Austin Journal of Cardiovascular Disease and Atherosclerosis* 2015;2(2):1-2
19. Brubaker PH, Kitzman DW. Chronotropic incompetence: causes, consequences, and management. *Circulation* 2011;123:1010-1020
20. Pecanha T, Silva-junior ND, De Moraes CL. Heart rate recovery: autonomic determinants, methods of assesment and association with mortality and cardiovascular diseases. *Clinical Physiology and Functional Imaging* 2013;10:1-9
21. Daugherty SL, Magid DJ, Kikla JR, Hokanson JE, Baxter J, Ross CA, et al. Gender Differences in the Prognostic Value of Exercise Treadmill Test Characteristics. *Journal of the American College of Cardiology* 2011;161(5):908-914
22. Trevizani GA, Benchimol-Barbosa PR, Nadal J. Effects of age and aerobic fitness on heart rate recovery in adult men. *Arquivos Brasileiros de Cardiologia* 2012;99(3):802-810
23. Tamargo JA, Ambrosio SM, Tarin ER, Salinas VA, Fernandez MM, Aguado GM, et al. Angiographic evaluation of high risk treadmill score in patient with stable angina according to sex, age or use of drugs with negative chronotropic effect. *Revista Espanola de Cardiologia* 2005;59(5):448-457
24. Cheng YJ, Lauer MS, Earnest CP, Chruch TS, Kampert JB, Gibbons LW, et al. Heart rate recovery following maximal exercise testing as a predictor of cardiovascular disease and all-cause mortality in men with diabetes. *Diabetes Care* 2003;26:2052-2057
25. Papathanasiou G. Effects of smoking on heart rate at rest and during exercise, and on heart rate recovery, in young Adults. *Hellenic Journal of Cardiology* 2013;54:168-177.
26. Nishime EO, Cole CR, Blackstone EH. Heart rate recovery and treadmill exercise score as predictors ofmortality in patients referred for exercise ECG. *Journal of the American Medical Association* 2000; 284:1392-1398
27. Watanabe J, Thamilarasan M, Blackstone EH. Heart rate recovery immediately after treadmill exercise and left ventricular systolic function as predictors of mortality: the case of stress echocardiography. *Circulation* 2001;104:1911-1916
28. Po-Hsun H, Hsin-Bang L, Jaw-Web C, Shing-Jong L . Heart rate recovery after exercise and endothelial function-two important factors to predict cardiovascular events. *Journal of Preventive Cardiology* 2005; 8: 167-170
29. Strom JB, Libby P. Atherosclerosis. In : Lilly LS, eds. *Pathophysiology of Heart Diseases* 5th ed. Philadelphia: Lippincott Williams and Wilkins;2011: 113-33
30. Libby P and Theorux P. 2005. Pathophysiology of Coronary Artery Diseases. *Circulation*; 111:3481-3488
31. Hijmering ML, Stroes ES, Olijhoek J, Hutten BA, Blankestijn PJ, Rabelink TJ. Sympathetic activation markedly reduces endothelium-dependent, flow-mediated vasodilation. *Journal of the American College Cardiology* 2002;39(4):683-688
32. Beere PA, Glagov S, Zarins CK. Retarding effect of lowered heart rate on coronary atherosclerosis. *Science* 1984;226:180-182
33. Chatzizisis YS, Coskun AU, Jonas M, Edelman ER, Feldman CL, Stone PH. Role of endothelial shear stress in the natural history of coronary atherosclerosis and vascular

- remodeling: molecular, cellular, and vascular behavior. *Journal of the American College Cardiology* 2007;49(25):2379-2393
- 34. Gould KL, Kirkeeide RL, Buchi M. Coronary flow reserve as a physiologic measure of stenosis severity. *Journal of the American College Cardiology* 1990;15:459-474
 - 35. Ceconi C, Guardigli G, Rizzo P, Francolini G, Ferrari R. Heart rate lowering in coronary artery disease management introduction: the heart rate story. *European Heart Journal* 2011;13(suppl C):C4-C13
 - 36. Hayano J, Yamada A, Mukai S. Severity of coronary atherosclerosis correlates with the respiratory component of heart rate variability. *American Heart Journal* 1991;121:1070—1079
 - 37. Kligfield P, Lauer MS. Exercise electrocardiogram testing beyond the ST segment. *Circulation* 2006;114:2070-2082
 - 38. Patrick J, Scanlon, David P, Faxon, James L, Ritchie, et al. ACC/AHA Guidelines for coronary angiography: A report of the American college of cardiology/American Heart Association Task force on practice guidelines (Committee on coronary angiography). *Journal of the American College Cardiology* 1999;33(6):1756-824
 - 39. PERKI. Angina pektoris dalam Panduan Praktik Klinis (PPK) dan Clinical Pathway (CP) Penyakit jantung dan Pembuluh darah.2016:6-8
 - 40. Akyuz A, Alpsoy S, Akkoyun DC, Degirmenci H, Guler N. Heart rate recovery may predict the presence of coronary artery disease. *Anadolu Kardiol Derg* 2014;14:351-356
 - 41. Sari J. Hubungan laju jantung pemulihan menit pertama setelah uji latih treadmill dengan kompleksitas lesi koroner yang dinilai dengan skor syntax pada pasien angina pektoris stabil. Tesis 2015.dr. Universitas Gadjah Mada, Yogyakarta.
 - 42. Imai K, Sato H, Hori M. Vagally mediated heart rate recovery after exercise is accelerated in athletes but blunted in patients with chronic heart failure. *Journal of the American College Cardiology* 1994;24:1529-1535
 - 43. Ishii K, Imai M, Suyama T, Maenaka M, Nagai T, Kawanami M, et al. Exercise induced post ischemic left ventricular delayed relaxation or diastolic stunning. *Journal of the American College Cardiology* 2009;53: 698-705.
- 44. Borlaug BA, Melenovsky V, Russell SD. Impaired chronotropic and vasodilator reserves limit exercise capacity in patients with heart failure and a preserved ejection fraction. *Circulation* 2006;114:2138-2147.
 - 45. Desai MY, Almaguer ED, Mannting F. Abnormal heart rate recovery after exercise as a reflection of an abnormal chronotropic response. *American Journal of the Cardiology* 2001;87:1164-1169
 - 46. Radi B, Sarvasti D, Andiarso I, Tadjoeddin Y. Buku Pedoman Pemeriksaan Interpretasi dan Pelaporan Uji Latih Jantung : Interpreting the Exercise Test. PERKI 2013
 - 47. Piepoli MF, Hoes AW, Agewall S, Albus C, Brotons C, Catapano AL, et al. 2016 European Guidelines on cardiovascular disease prevention in clinical practice. *European Heart Journal* 2016;37:2315–2381
 - 48. Kang MJ, Oh YM, Lee JC, Kim DG, Park MJ, Lee MG, et al. Lung Matrix Metalloproteinase-9 Correlates with Cigarette Smoking and Obstruction of Airflow. *Journal of Korean Medocal Science* 2003;18:821–827
 - 49. Perkumpulan Endokrinologi Indonesia. Konsensus Pengendalian dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia. PERKENI 2011

50. Cheng VY, Berman DS, Rozanski A, Dunning MA, Achenbach S, Al-Mallah M, et al. Performance of the traditional age, sex, and angina typically-Based approach for estimating pretest probability of angiographically significant coronary artery disease in patients undergoing coronary computed tomographic angiography. Results from the multinational coronary CT angiography evaluation for clinical outcomes: an international multicenter registry (CONFIRM). *Circulation* 2011;124:2423-2432.
51. Jousilahti P, Vartiainen E, Tuomilehto J, Puska P. Sex, age, cardiovascular risk factors, and coronary heart disease: a prospective follow-up study of 14,786 middle-aged men and women in Finland. *Circulation* 1999; 99:1165-72.
52. Rahajeng, E. dan Tuminah, S. Prevalensi Hipertensi dan Determinannya di Indonesia. *Majalah Kedokteran Indonesia* 2009;59:580-587.
53. Kennel W, McGee D, Castelli W. Latest perspectives on cigarette smoking and cardiovascular disease, The Framingham Study. *Journal of Cardiac Rehabilitation* 1984; 59:750-755
54. Gauri AJ, Raxwal VK, Roux L, Fearon WF, Froelicher VF. Effects of chronotropic incompetence and beta blocker use on the exercise treadmill test in men. *American Heart Journal* 2001;142(1):136-141

