

## **BAB 5**

### **KESIMPULAN DAN SARAN**

#### **5.1      Kesimpulan**

Berdasarkan hasil penelitian terhadap 88 pasien diabetes melitus tipe 2 di Depo Farmasi Rawat Jalan RSUD Haji Provinsi Jawa Timur, diperoleh kesimpulan sebagai berikut:

1. Mayoritas pasien termasuk dalam kategori risiko ASCVD sedang (47,7%) dan tinggi (36,4%), berdasarkan perhitungan menggunakan ASCVD Risk Estimator Plus, menunjukkan bahwa sebagian besar pasien memerlukan intervensi pencegahan primer yang intensif.
2. Sebanyak 96,5% pasien telah menerima terapi statin, namun seluruhnya menggunakan intensitas sedang, termasuk pada kelompok risiko tinggi yang seharusnya mendapatkan statin intensitas tinggi. Tidak ada pasien yang menerima terapi antiplatelet.

#### **5.2      Saran**

Perlu dilakukan penelitian lanjutan dikarenakan keterbatasan waktu dalam pengambilan subjek, sehingga disarankan penelitian lanjutan bisa menggunakan maksimal sampel subjek untuk memperoleh gambaran kondisi pasien yang lebih baik.

## DAFTAR PUSTAKA

- Boutari, C., Rizos, C. V., Doumas, M., Liamis, G., Skoumas, I., Rallidis, L., Garoufi, A., Kolovou, G., Tziomalos, K., Skalidis, E., Kotsis, V., Sfikas, G., Lambadiari, V., Anagnostis, P., Bilianou, E., Anastasiou, G., Koutagiar, I., Kiouri, E., Attilakos, A. and Liberopoulos, E. 2023, Prevalence of Diabetes and Its Association with Atherosclerotic Cardiovascular Disease Risk in Patients with Familial Hypercholesterolemia: An Analysis from the Hellenic Familial Hypercholesterolemia Registry (HELLAS-FH), *Pharmaceuticals*, **16(1)**: 6.
- Cetin, M., Maksutov, C., Isakulov, E. and Hosoglu Y. 2024, Effectiveness of SCORE2 and ASCVD Risk Scores in Combination with Aortic Arch Calcification on Chest Radiograph in Predicting Significant Coronary Artery Disease, *Angiology*, **75(8)**: 738.
- Choudhary, A., Rawat, U., Kumar, P. and Mittal, P. 2023, Pleotropic effects of statins: the dilemma of wider utilization of statin, *Egypt Heart J*, **75(1)**: 1.
- Dutta Gupta, S., Thachathodiyl, R., Rameshan, A., Venkatachalam, A., Georgy, S. Ts. D. and Menon, J. 2022, Effectiveness of Framingham and ASCVD Risk Scores in Predicting Coronary Artery Disease – A Comparative Study with Syntax Score, *J Assoc Physicians India*, **69(12)**: 11.
- Gourdy, P., Schiele, F., Halimi, J. M., Kownator, S., Hadjadj, S. and Valensi, P. 2023, Atherosclerotic cardiovascular disease risk stratification and management in type 2 diabetes: review of recent evidence-based guidelines, *Frontiers in Cardiovascular Medicine*, **10**: 1227769.
- IDF, 2021, *IDF Diabetes Atlas*, 10<sup>th</sup> ed, Internasional Diabetes Federation.
- Javed, Z., Haisum Maqsood, M., Yahya, T., Amin, Z., Acquah, I., Valero-Elizondo, J., Andrieni, J., Dubey, P., Jackson, R. K., Daffin, M. A., Cainzos-Achirica, M., Hyder, A. A. and Nasir, K. 2022, Race, Racism, and Cardiovascular Health: Applying a Social Determinants of Health Framework to Racial/Ethnic Disparities in Cardiovascular Disease, *Circulation: Cardiovascular Quality and Outcomes*, **15(1)**: 72.

- Katakami, N., 2018, Mechanism of development of atherosclerosis and cardiovascular disease in diabetes mellitus, *Journal of Atherosclerosis and Thrombosis*, **1(25)**: 28-29.
- Katzung, B.G. (ed). 2016, *Basic and Clinical Pharmacology*, 14<sup>th</sup> edn, McGraw-Hill Education, New York, USA.
- Kementerian Kesehatan RI, Formularium Nasional, 2023, Kementerian Kesehatan Republik Indonesia.
- Kementerian Kesehatan RI, Pedoman Nasional Pelayanan Kedokteran Tata Laksana Diabetes Melitus Tipe 2 Dewasa, 2020, Kementerian Kesehatan Republik Indonesia.
- Oesterle, A., Laufs, U., and Liao, J. K., 2017, Pleiotropic Effects of Statins on the Cardiovascular System, *Circulation Research*, **1(120)**: 235-237.
- PERKENI. 2021, *Pedoman Pengelolaan Dislipidemia di Indonesia*, PB. Perkeni.
- Soeatmadji, D. W., Rosandi, R., Saraswati, M. R., Sibarani, R. P. and Tarigan, W. O. 2023, Clinicodemographic Profile and Outcomes of Type 2 Diabetes Mellitus in the Indonesian Cohort of DISCOVER: A 3-Year Prospective Cohort Study, *Journal of the ASEAN Federation of Endocrine Societies*, **38(1)**: 69-70.
- Talha, I., Elkhoudri, N. and Hilali, A. 2024, Major Limitations of Cardiovascular Risk Scores, *Cardiovascular Therapeutics*, **1**: 1-2.
- Virani, S. S., Newby, L. K., Arnold, S. V., Bittner, V., Brewer, L. C., Demeter, S. H., Dixon, D. L., Fearon, W. F., Hess, B., Johnson, H. M., Kazi, D. S., Kolte, D., Kumbhani, D. J., LoFaso, J., Mahatta, D., Mark, D. B., Minissian, M., Navar, A. M., Patel, A. R., Piano, M. R., Rodriguez, F., Talbot, A. W., Taqueti, V. R., Thomas, R. J., van Diepen, S., Wiggins, B. and Williams, M. S. 2023, “2023 AHA/ACC/ACCP/ASPC/NLA/PCNA Guideline for the Management of Patients With Chronic Coronary Disease: A Report of the American Heart Association/American College of Cardiology Joint Committee on Clinical Practice Guidelines”, *Circulation*, **148**.

Visseren, F., Mach, F., Smulders, Y. M., Carballo, D., Koskinas, K. C., Bäck, M., Benetos, A., Biffi, A., Boavida, J. M., Capodanno, D., Cosyns, B., Crawford, C. A., Davos, C. H., Desormais, I., Di Angelantonio, E., Duran, O. H. F., Halvorsen, S., Richard Hobbs, F. D., Hollander, M. and Mullabayeva, G. 2021, 2021 ESC Guidelines on cardiovascular disease prevention in clinical practice, *European Heart Journal*, **34(42)**: 3227

Wong, N. D., Budoff, M. J., Ferdinand, K., Graham, I. M., Michos, E. D., Reddy, T., Shapiro, M. D. and Toth, P. P. 2022, Atherosclerotic cardiovascular disease risk assessment: An American Society for Preventive Cardiology clinical practice statement, *American Journal of Preventive Cardiology*, **10**: 100335.

Yaputra, D. M., Wibowo, Y. I., Aditama, L., Brata, C.. and Irawati, S. 2023, Faktor-Faktor yang Mempengaruhi Ketidaksesuaian Pemberian Statin pada First-user Statins di Apotek UBAYA Artikel Penelitian, *Media Pharmaceutical Indonesian*, **5(1)**: 1-6.