

DAFTAR PUSTAKA

- Ang, H.Y., Bulluck, H., Wong, P., Venkatraman, S.S., Huang, Y., dan Foin, N. (2016). Bioresorbable Stents: Current and Upcoming Bioresorbable Technologies. *International Journal of Cardiology*.
- Bae, I.H., Lim, K.S., Park, J.K., Park, D.S., Lee, S.Y., Jang, E.J., Ji, M.S., Sim, D.S., Hong, Y.J., Ahn, Y., Park, J.C., Cho, J.G., Kang, J.C., Kim, I.S., Nah, J.W., dan Jeong, M.H. (2015). Mechanical behavior and in vivo properties of newly designed bare metal stent for enhanced flexibility. *Journal of Industrial and Engineering Chemistry*, 21, 1295-1300.
- Budynas, R.G. dan Nisbett, J.K., 2008, *Mechanical Engineering Design*, 9th ed., McGraw-Hill, New York.
- Conti, M., Van Loo, D., Auricchio, F., De Beule, M., De Santis, G., Verheghe, B., Pirrelli, S., dan Odero, A. (2011). Impact of Carotid Stent Cell Design on Vessel Scaffolding: A Case Study Comparing Experimental Investigation and Numerical Simulations. *Journal of Endovascular Therapy*, 18, 397-406.
- Dewi, N.A. dan Tontowi, A.E. (2019). Optimization of Design Parameters of Biodegradable Magnesium-Based Alloy AZ31 Stent Using Response Surface Method. *2019 2nd International Conference on Bioinformatics, Biotechnology & Biomedical Engineering (BioMIC) - Bioinformatics & Biomedical Engineering*, Yogyakarta.
- Faateh, M., Dakour-Aridi, H., Mathlouthi, A., Locham, S., Naazie, I., dan Malas, M. (2021). Clinical research study: Carotid artery disease. Comparison of open- and closed-cell stent design outcomes after carotid artery stenting in the Vascular Quality Initiative. *Journal of Vascular Surgery*, 73(5), 1639-1648..
- ISIC, 2014, Peran Tindakan Intervensi pada Penyakit Jantung Koroner, https://www.isic.or.id/patient_education_and_collaboration/2014/11/peran_tindakan_intervensi_pada_penyakit_jantung_koroner.
- Kaul, U., dan Bhatia, V., 2009, Choice of DES: is there a difference?, *Heart Asia*, vol. 1, no. 1, pp. 11-15.
- Lally, C., Kelly, D.J. dan Prendergast, P.J., 2006, "Biomechanical Evaluation of Cardiovascular Stents", *Encyclopedia of Biomedical Engineering*.
- Logan, D.L., 2011, *A First Course in the Finite Element Method*, 4th ed., University of Wisconsin, Platteville.
- Montgomery, D.C. dan Runger, G.C., 2014, *Applied Statistics and Probability for Engineers*, 6th ed., Wiley, USA.

- Oktaviono, Y.H., 2019, *Perkembangan Terapi Intervensi dalam Penanganan Penyakit Jantung Koroner*, Universitas Airlangga, Surabaya.
- Pauck, R.G., dan Reddy, B.D., 2015, Computational analysis of the radial mechanical performance of PLLA coronary artery stents, *Medical Engineering & Physics*, 37(1), 7-12.
- Petrini, L., Migliavacca, F., Auricchio, F., Dubini, G., 2004, Numerical investigation of the intravascular coronary stent flexibility, *Journal of Biomechanics*, 37, 495–501.
- Raeni, F., 2018, Optimasi Desain Stent Bermaterial Komposit PLLA CNT untuk Memperoleh Fleksibilitas Terbaik Menggunakan Metode Response Surface, *Skripsi*, Universitas Gadjah Mada, Yogyakarta.
- Riskesdas, 2018, Jagalah Jantungmu untuk Hidup Lebih Sehat, <https://kesehatan.jogjakota.go.id/berita/id/241>.
- Schiavone, A., Qiu, T.Y., dan Zhao, L.G., 2017, Crimping and deployment of metallic and polymeric stents -- finite element modelling, *Vessel Plus*, 1, 12-21.
- Sivaraos, Milkey, K.R., Samsudin, A.R., Dubey, A.K., dan & Kidd, P., 2014, Comparison between Taguchi Method and Response Surface Methodology (RSM) in Modelling CO2 Laser Machining. *Jordan Journal of Mechanical and Industrial Engineering*, 8(1), 35-42.
- Sukiman B. dan Tontowi, A.E., 2018, Optimasi Desain Stent PLA Menggunakan Metode Response Surface (RSM) untuk Memperoleh Fleksibilitas Terbaik, *Teknosains*, 8(1), 1-88.
- Tontowi, A.E., Adani, R.A., Setyanintyas, I.S., dan Taufiq, N., 2014, Analysis of User Acceptability Factors for Optimum Design of Coronary Stent, *ResearchGate*, Universitas Gadjah Mada, Yogyakarta.
- Tontowi, A.E., Ikra, P., dan Siswomihardjo, W., 2013, Mapping of Cardiovascular Stent Demand of Several Hospitals in Indonesia and Its Forecasting, *Proceeding of ICICI 2013*, Bandung, Indonesia.
- Tontowi, A.E., Pratama, I., Hariawan, H., Rinastiti, M., dan Siswomihardjo, W., 2015, Strength and Displacement of Open Cell Designs of Coronary Stent in Responding of Various Inflated Pressures, *2015 4th International Conference on Instrumentation, Communications, Information Technology, and Biomedical Engineering (ICICI-BME)*, Bandung.
- Tontowi, A.E., Ramadhan, O.S., dan Taufiq, N., 2018, Numerical Investigation on Flexibility of Metal Cardiovascular Stent, *2018 4th International Conference on Science and Technology (ICST)*, Yogyakarta.

Tontowi, A.E., Dewi, N.A., Wijastuti, I., Prataksya, D., dan Baroroh, D.K., 2018, Effect of Link Design of Thin Cardiovascular Stent to Its Flexibility, *Journal of Engineering Science and Technology Review*, 11(4), pp. 199-203.

Utami, A.S, 2017, Optimasi Parameter Desain Stent dengan Linkage Terpilih Berbahan Baku Poly-L-Lactic Acid (PLLA) untuk Memperoleh Fleksibilitas Terbaik dengan Menggunakan Response Surface Method (RSM), *Skripsi*, Universitas Gadjah Mada, Yogyakarta.