

DAFTAR PUSTAKA

Buku

- Akbari, R. A., 2013, Analisis Pengaruh Suhu Terhadap Kekuatan Surface Metal Seal (SMS) Packoff pada Unitized Wellhead Menggunakan Metode Elemen Hingga, Jurusan Teknik Mesin dan Industri UGM, Yogyakarta.
- Beule, M.D., 2008, Finite Element Stent Design, PhD Thesis, Ghent University, Belgium.
- Fung, Y. C., 1993, Biomechanics: Mechanical Properties of Living Tissues, Springer-Verlag, Berlin.
- Lally, C., Kelly, D.J., Prendergast, P.J., 2005, Stents, Wiley Encyclopedia of Biomedical Engineering, 38: 3345-3354.
- Ramadhan, O.S., 2016, Model Stent Berbahan Baku Stainless Steel 316L dan Cobalt Chromium L605 untuk Uji Ekspansi Menggunakan Software Abaqus 6.11, *Skripsi*, Departemen Teknik Mesin dan Industri, Universitas Gadjah Mada, Yogyakarta
- Triani, A., 2017, Optimasi Parameter Desain Stent Berbahan Baku Cobalt Chromium L605 Berdasarkan Solid Mechanics Aspect Menggunakan Metode Response Surface, *Skripsi*, Departemen Teknik Mesin dan Industri, Universitas Gadjah Mada.

Jurnal

- Balossino, R., Gervaso, F., Migliavacca, F., Dubini, G., 2008, Effects of Different Stent Designs on Local Hemodynamics in Stented Arteries, *Journal of Biomechanics*, 41: 1053-61.

- Basu, K., Ghosh, P., Das. S., Chanda. A., 2013, Computational Assessment of Stress Development during Deployment of Commercially Available Stents, *International Journal of Engineering Science and Innovative Technology*, vol. 2, iss. 4, pp. 458-464
- Bobel, A.C., Petisco, S., Sarasua, J.R., Wang, W., McHugh, P.E., 2015, Computational Bench Testing to Evaluate the Short-Term Mechanical Performance of a Polymeric Stent.
- Fogarotto, F., 2011, Finite Element Analysis of Coronary Artery Stenting, Thesis, Università degli Studi di Pavia, Italia.
- Li, N., Zhang, H., Ouyang, H., 2009, Shape optimization of coronary artery stent based on a parametric model, *J Finite Elements in Analysis and Design*, 45: 468-75.
- Mantovani, D. dan Moravej, M., 2011, Biodegradable Metals for Cardiovascular Stent Application: Interests and New Opportunities, *International Journal of Molecular Sciences*, vol 12, 4250-4270
- Migliavacca, F., Petrini, L., Colombo, M., Auricchio, F. and Pietrabissa, R., 2002, Mechanical behavior of coronary stents investigated through the finite element method, *J Biomech*, 35(6):803–811.
- Roy, T. dan Chanda, A., 2014, Computational Modelling and Analysis of Latest Commercially Available Coronary Stents During Deployment, *Procedia Materials Science*, 2310 – 2319.
- Tontowi, A.E., Ikra, P., 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., Adani, R.A., Setyaningtiyas, S., Taufiq, N., 2014, Analysis of Acceptability Factors for Optimum Design of Coronary Stent, *Proceeding of ICBETA 2014*, Yogyakarta, Indonesia.

Tontowi, A.E., Pratama, I., Hariawan, H., Rinastiti, M., Siswomihardjo, W., 2015, Strength and Displacement of Open Cell Designs of Coronary Stent in Responding of Various Inflated Pressures, Proceeding of ICICI 2015, Bandung, Indonesia.

Wu W, Yang D, Qi M, Wang W. (2007). *An FEA method to study flexibility of expanded coronary stents*. J Material Processing Technology 184 (1–3): 447–450.

Zainuri, A., Sujita, Popo, A.L., 2010, Tegangan Maksimum dan Faktor Keamanan pada Poros Engkol Daihatsu Zebra Espass Berdasarkan Metode Numerik, Momentum, Vol. 6, No. 2, pp. 42-47.

Web

Kementerian Kesehatan RI, 2014, Situasi Kesehatan Jantung, <http://www.depkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin-jantung.pdf> , diakses tanggal 21 Januari 2019.

Medtronic, 2003, Advantages of Cobalt Alloy for Coronary Stents, <http://www.medtronic.com/newsroom/content/1110132739468.pdf>, diakses tanggal 21 Januari 2019.

Ostrovsky, G., 2010, Stentys Self-expanding Coronary Bare-Metal Stent System for Unusual Vessels, http://www.medgadget.com/2010/03/stentys_selfexpanding_coronary_baremetal_stent_system_for_unusual_vessels.html. , diakses tanggal 21 Januari 2019

Santoso T., 2005, Mengenal DES (Drug-Eluting Stent), https://www.medistra.com/index.php?option=com_content&view=article&id=107 , diakses tanggal 21 Januari 2019.

Sanyal A., Han, 2015, Artery buckling affects the mechanical stress in atherosclerotic plaques, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4306115/> , diakses tanggal 21 Januari 2019.

Tan C., Schatz, 2016, The History of Coronary Stenting, [https://www.interventional.theclinics.com/article/S2211-7458\(16\)30024-4/pdf](https://www.interventional.theclinics.com/article/S2211-7458(16)30024-4/pdf) , diakses tanggal 21 Januari 2019.