DAFTAR PUSTAKA

Bastian Schmack, Mina Farag, Jamila Kremer. (2018). *Results of concomitant groin-free percutaneous temporary RVAD support using a centrifugal pump with a double-lumen jugular venous cannula in LVAD patients.*

Carepeboka LC, Kalalo LP. (2009). *DESCRIPTION OF BLOOD VISCOSITY FROM DIABETES MELLITUS OUTPATIENTS IN ENDOCRINE CLINIC*

Christopher A. Thunberg, MD, Brantley Dollar Gaitan, MD, Francisco A. Arabia, MD, Daniel J. Cole, MD, and Alina M. Grigore. (2010). *Ventricular Assist Devices Today And Tomorrow*

Copeland JG, Levinson MM, Smith R. (1986). *The total artificial heart as a bridge to transplantation.*

David N. Ku. (1997). *Blood Flow in Arteries*

Drakos SG, Janicki L. (2010). *Risk factors predictive of right ventricular failure after left ventricular assist device implantation.*

Faruk Ozalp, Stephan Schueler. (2018).*Ventricular Assist Device*

Finn Gustafsson, Joseph, J. Rogers. (2017). *Left ventricular assist device therapy in advanced heart failure: patient selection and outcomes*

Grainne Malone, Gerges Abdelsayed, Fianait Blight. (2021). *Advancements in left ventricular assist devices to prevent pump thrombosis and blood coagulopathy.*

Graavinda Widyaswara, Tata Wulandari, Alfira Candra Putri. (2022). *HUBUNGAN KADAR GLUKOSA DARAH DAN TEKANAN DARAH PADA ANGGOTA PROKLIM DI DESA PURBAYAN, BAKI, SUKOHARJO*

Jason A. Cook, Keyur B. Shah. (2015). *The total artificial heart.*

J. Danesh, R. Collins, R. Peto and G.D.O. Lowe. (2000). *Haematocrit, viscosity, erythrocyte sedimentation rate: meta-analyses of prospective studies of coronary heart disease.*

Karem M. Vular. (2008). *Venticullar assist device applications*

Kirklin JK, Naftel DC, Pagani FD. (2014). *Heart Lung Transplant*

Lili Irawati. (2010). *Viskositas Darah dan Dspek Medisnya*

M. Akdis, H. Reul. (2004). *Mechanical Blood Pumps for Cardiac Assitance*

Prinzing, A., Herold, U., Berkefeld, A., Krane, M., Lange, R. & Voss, B.J. (2016) *Left ventricular assist devices—current state and perspec- tives*.

Schmack B, Weymann A, Popov AF. (2016). *Concurrent Left Ventricular Assist Device (LVAD) Implantation and Percutaneous Temporary RVAD Support via CardiacAssist Protek-Duo TandemHeart to Preempt Right Heart Failure.*

Steven Klotz, A.H. Don Janzer, Daniel Burkhoff. (2008). *Impact of left ventricular assist device (LVAD) support on the cardiac reverse remodeling process.*

Valeria Lo Coco, Maria Elena De Piero. (2020). *Right ventricular failure after left ventricular assist device implantation: a review of the literature.*

LAMPIRAN

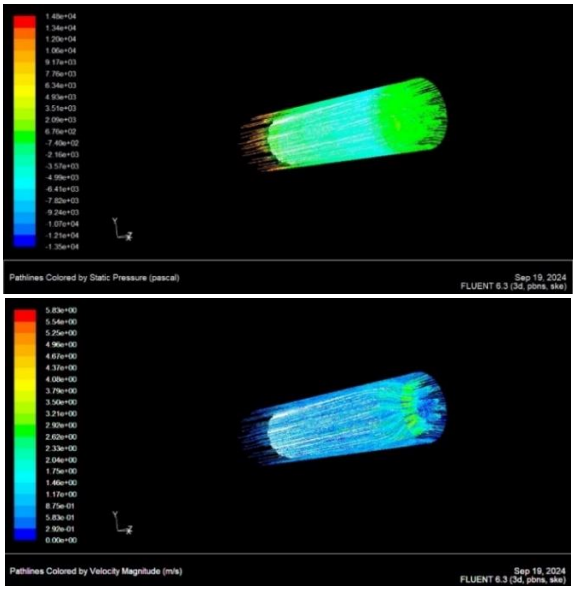
Lampiran 1 Tabel hasil pengamatan pengujian aliran darah pada pompa LVAD

LVAD	
η (kg/m-s)	Q (m^3/s)
0,003	0,00557
0,004	0,00518
0,005	0,00586
0,007	0,00528
0,008	0,00557

Lampiran 2 Tabel hasil pengamatan pengujian aliran darah pada pompa RVAD

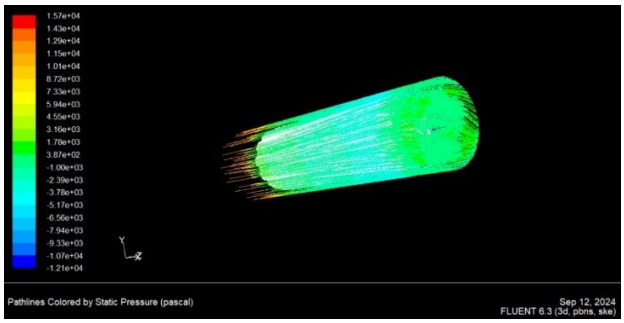
RVAD	
η (kg/m-s)	Q (m^3/s)
0,003	0,00765
0,004	0,00752
0,005	0,00726
0,007	0,00712
0,008	0,00699

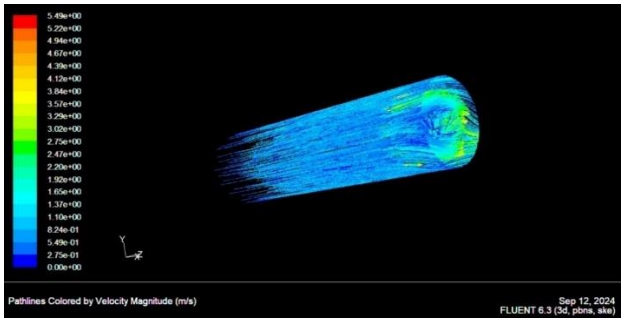
Lampiran 3 Hasil tekanan dan kecepatan Pompa LVAD pada viskositas 0,003



Tekanan (P) Max. = 111,31 mmHg, Kecepatan aliran (v) Max. = 5,8 m/s

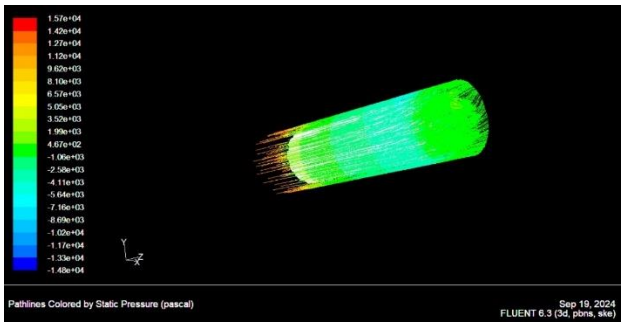
Lampiran 4 Hasil tekanan dan kecepatan Pompa LVAD pada viskositas 0,004

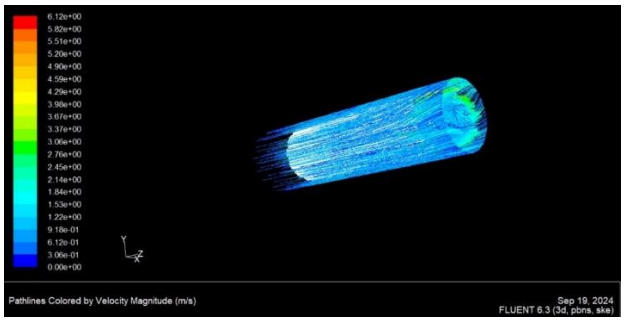




Tekanan (P) Max. = 111,19 mmHg, Kecepatan aliran (v) Max. = 5,4 m/s

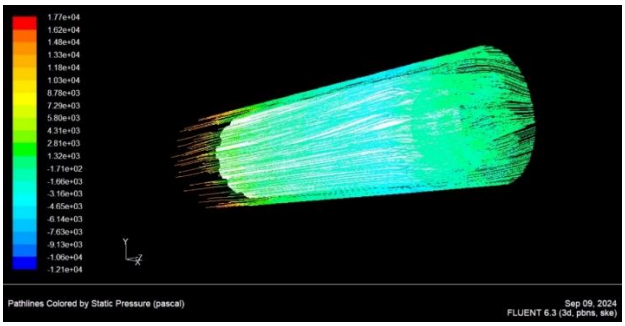
Lampiran 5 Hasil tekanan dan kecepatan Pompa LVAD pada viskositas 0,005

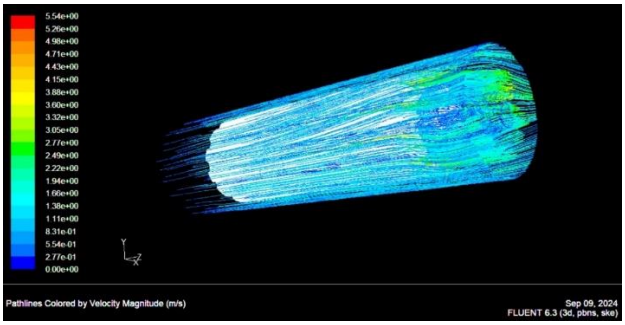




Tekanan (P) Max. = 117,97 mmHg, Kecepatan aliran (v) Max. = 6,1 m/s

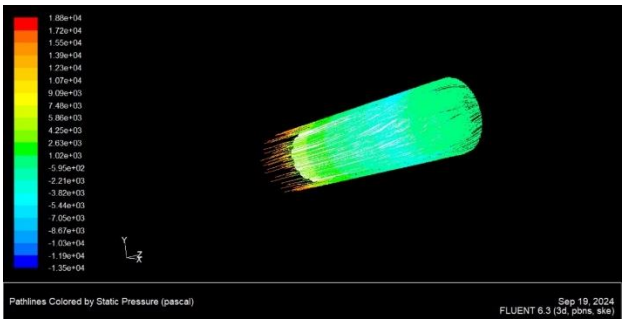
Lampiran 6 Hasil tekanan dan kecepatan Pompa LVAD pada viskositas 0,007





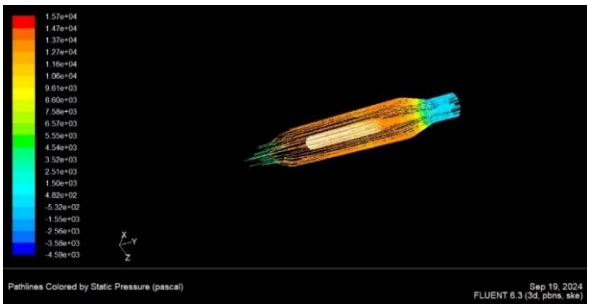
Tekanan (P) Max. = 132,93 mmHg, Kecepatan aliran (v) Max. = 5,5 m/s

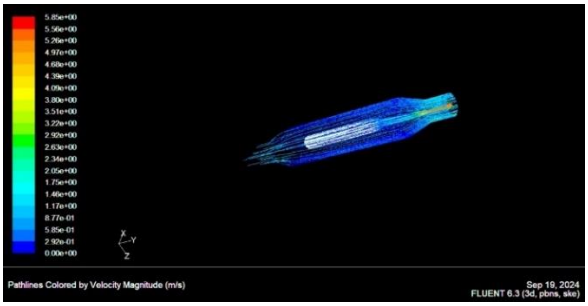
Lampiran 7 Hasil tekanan dan kecepatan Pompa LVAD pada viskositas 0,008



Tekanan (P) Max. = 140,85 mmHg, Kecepatan aliran (v) Max. = 5,8 m/s

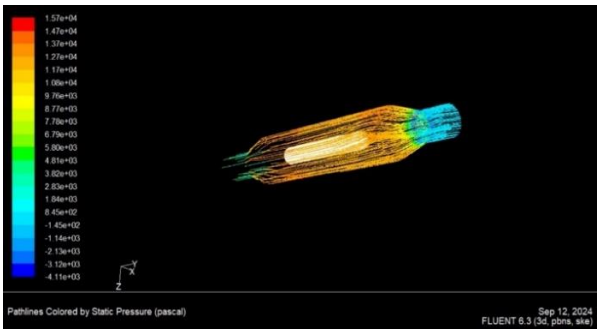
Lampiran 8 Hasil tekanan dan kecepatan Pompa RVAD pada viskositas 0,003





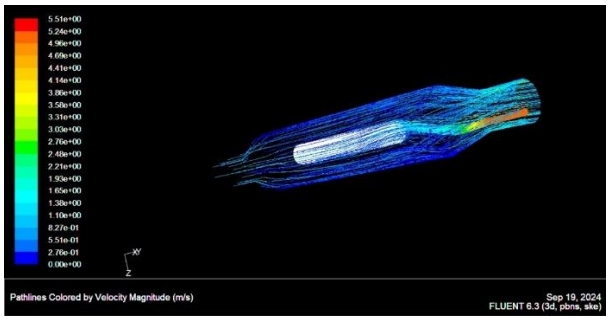
Tekanan (P) Max. = 117,72 mmHg**,** Kecepatan aliran (v) Max. = 5,8 m/s

Lampiran 9 Hasil tekanan dan kecepatan Pompa RVAD pada viskositas 0,004



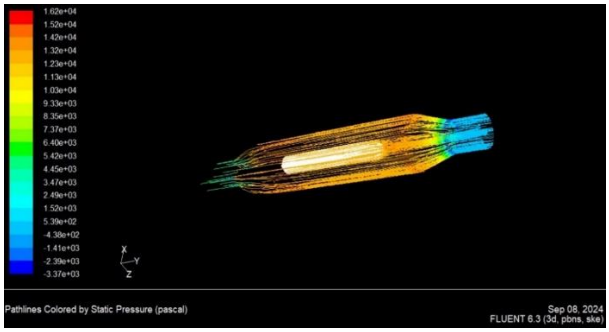
Tekanan (P) Max. = 119,06 mmHg, Kecepatan aliran (v) Max. = 5,7 m/s

Lampiran 10 Hasil tekanan dan kecepatan Pompa RVAD pada viskositas 0,005



Tekanan (P) Max. = 118,61 mmHg**,** Kecepatan aliran (v) Max. = 5,5 m/s

Lampiran 11 Hasil tekanan dan kecepatan Pompa RVAD pada viskositas 0,007



Tekanan (P) Max. = 121,244 mmHg, Kecepatan aliran (v) Max. = 5,4 m/s

Lampiran 12 Hasil tekanan dan kecepatan Pompa RVAD pada viskositas 0,008

Tekanan (P) Max. = 122,45 mmHgKecepatan aliran (v) Max. = 5,3 m/s

Lampiran 13 Dokumentasi