

GIULIO M. MONDELLINI, MD

WORK EXPERIENCE

11/2019 – current	Università degli Studi di Milano Cardiology Resident	Milan, Italy
06/2020 - current	Columbia University Irving Medical Center <i>Adjunt Research Scientist – Division of Cardiology</i>	New York , USA
07/2018 – 06/2020	Columbia University Irving Medical Center <i>Postdoctoral Research Fellow – Division of Cardiology</i>	New York , USA
12/2017 – 05/2018	Humanitas Hospital, Surgery Department <i>Resident</i>	Milan, Italy
04/2015 – 07/2016	Niguarda Hospital, Cardiology Department <i>Intern, medical student</i>	Milan, Italy
03/2016 – 05/2016	“De Maastricht Studie” Research Centre <i>Researcher in Cardiology</i>	Massatricht, NL

POST DOCTORAL TRAINING

04/2017 – 10/2017	Niguarda Hospital, Cardiology Department MD volunteer	Milan, Italy
02/2017	Italian Medical Board Exam passed	
11/2016 – 01/2017	Hospital Luigi Sacco Medical Board Training Internal medicine and general surgery department	Milan, Italy

HONORS AND AWARDS

'Premio di Laurea Fondazione SIIA - Italian Society of Hypertension'
XXXIV Congresso Nazionale SIIA 2017 - Milano, Marriott Hotel, 5-7 ottobre 2017 -

EDUCATION

GRADUATION IN MEDICINE AND SURGERY 110 /110 CUM LAUDE – 26th July 2016

Thesis Title : “Relationship between arterial stiffness and blood pressure variability: data from the Maastricht Study”
Winner of SIIA Foundation (Società Italiana Ipertensione Arteriosa) Prize 2017

INVITED AND/OR PEER-SELECTED PRESENTATIONS AT REGIONAL, NATIONAL OR INTERNATIONAL LEVELS

Oral presentation - ISHLT Annual Meeting and Scientific Session 2020 – Montreal, Canada.

Title: Biomarkers of Inflammation and Oxidative Stress in HeartMate II vs HeartMate 3 Patients

G.M. Mondellini, L. Braghieri, A. Javaid, A. Pinsino, N. Uriel, G.T. Sayer, J.K. Raikhelkar, K. Takeda, Y. Naka, R.T. Demmer, M. Yuzefpolskaya, P.C. Colombo

<https://doi.org/10.1016/j.healun.2020.01.974> The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S109, Published in issue: April 2020

Title: Serum Cystatin C as a Predictor of Early Outcomes and Long-Term Mortality in Contemporary LVAD Patients

G.M. Mondellini, A. Pinsino, L. Braghieri, A. Javaid, E.F. Lin, B. Cagliostro, M.F. Pineda, J.A. Fried, and others

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S182

Published in issue: April 2020

Oral presentation - ISHLT Annual Meeting and Scientific Session 2019 – Orlando, FL, USA

Title: Associations among Biomarkers of Congestion, Inflammation and Oxidative Stress in Heart Failure, LVAD and Heart Transplant

E.A. Royzman, G.M. Mondellini* A.M. Zuver, C.A. Bravo, D.L. Brunjes, D. Onat, M. Mabasa, J.C. Hupf, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, R.T. Demmer, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2019.01.212>

PUBLICATIONS

- 1) “Cystatin C- Versus Creatinine-Based Assessment of Renal Function and Prediction of Early Outcomes Among Patients With a Left Ventricular Assist Device”
Alberto Pinsino, Giulio M. Mondellini, Eugene A. Royzman, Katherine L. Hoffman, Debra D’Angelo, Melissa Mabasa, Antonia Gaudig, Amelia M. Zuver, Amirali Masoumi, A. Reshad Garan, Sumit Mohan, Syed A. Husain, Katherine Toma, Robert T. Faillace, Jon T. Giles, Koji Takeda, Hiroo Takayama, Yoshifumi Naka, Veli K. Topkara, Ryan T. Demmer, Jai Radhakrishnan, Paolo C. Colombo, Melana Yuzefpolskaya,
<https://doi.org/10.1161/CIRCHEARTFAILURE.119.006326>, Circulation: Heart Failure.
2020;13:e006326
- 2) “Clinical Impact of Hematoma Expansion in Left Ventricular Assist Device Patients”
Kara R. Melmed, Giulio Mondellini, David Roh, Amelia Boehme, Soojin Park, Melana Yuzefpolkya,

Yoshifumi Naka, Nir Uriel, Sachin Agarwal, E. Sander Connolly, Jan Claassen, Paolo C. Colombo, Joshua Z. Willey, World Neurosurgery, 2020, ISSN 1878 8750, <https://doi.org/10.1016/j.wneu.2020.07.169>.

- 3) "Increased Aortic Stiffness is Associated with Higher Rates of Stroke, GI-bleeding and Pump Thrombosis in CF-LVAD Patients"
Hannah Rosenblum, Alberto Pinsino, Amelia Zuver, Azka Javaid, Giulio Mondellini, Ruiping Ji, John R Cockcroft, Melana Yuzefpolskaya, A Reshad Garan, Sofia Shames, Veli K Topkara, Hiroo Takayama, Koji Takeda, Yoshifumi Naka, Barry J McDonnell, Joshua Z Willey, Paolo C Colombo, Eric J Stöhr - J Card Fail. 2021 Feb 24;S1071-9164(21)00081-6.
[doi:10.1016/j.cardfail.2021.02.009](https://doi.org/10.1016/j.cardfail.2021.02.009).

ABSTRACTS - INTERNATIONAL SCIENTIFIC SESSIONS & JOURNALS

Heart Transplantation and Not Left Ventricle Assist Device Therapy Restores Circadian Variability of Pulse Pressure Amplification in Heart Failure Patients
Francesco Castagna, Giulio M Mondellini, Alberto Pinsino, Barry J McDonnell, Eric Stohr, Antonia Gaudig, Amrin Amlani, Joseph Nwokocha, Carmel M McEniery, Koji Takeda, Hiroo Takayama, Yoshifumi Naka, Melana Yuzefpolskaya, Gianfranco Parati, John Cockcroft, Paolo C Colombo
Originally published 11 Nov 2019, Circulation. 2019;140:A12907

Association of Endotoxemia and Endothelin-1 With Development of Cardiac Allograft Vasculopathy After Heart Transplantation
Lorenzo Braghieri, Bruno Bohn, Giulio Mondellini, Azka Javaid, Andrea J Kim, Hatice D Onat, Farhana Latif, Maryjane Farr, Gabriel T Sayer, Nir Uriel, Koji Takeda, Yoshifumi Naka, Ryan Demmer, Paolo C Colombo, Melana Yuzefpolskaya.
Originally published 12 Nov 2020, https://doi.org/10.1161/circ.142.suppl_3.17120 Circulation. 2020;142:A17120

The Artificial Pulse of the HeartMate3 LVAD Alters Mean Arterial Pressure Calculation, and the Relationship Between Arterial Pulse Pressure and Pulsatility Index
Lorenzo Braghieri, Alberto Pinsino, Giulio Mondellini, Antonia Gaudig, Azka Javaid, Yu-Chiang Wang, Hatice D Onat, Koji Takeda, Yoshifumi Naka, Gabriel T Sayer, Nir Uriel, Ryan Demmer, Melana Yuzefpolskaya, Paolo C Colombo.
Originally published 12 Nov 2020 https://doi.org/10.1161/circ.142.suppl_3.16747 Circulation. 2020;142:A16747

Pre-Operative Intracardiac Thrombus is Associated with Increased Risk of Stroke and Death in CF-LVAD Patients C.A. Bravo Carillo, J.A. Fried, G.M. Mondellini, A. Javaid, H.S. Lumish, J.Z. Willey, V.K. Topkara, L. Braghieri, and others
The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S148–S149 Published in issue: April 2020
DOI: <https://doi.org/10.1016/j.healun.2020.01.1079>

Elevated Outpatient C-Reactive Protein Independently Predicts All-Cause Mortality in LVAD Recipients
Y. Brailovsky, A. Javaid, G.M. Mondellini, L. Braghieri, J.S. Murphy, N. Uriel, G.T. Sayer, V.K. Topkara, K. Takeda, Y. Naka, R.T. Demmer, M. Yuzefpolskaya, P.C. Colombo
The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S343
Published in issue: April 2020 DOI: <https://doi.org/10.1016/j.healun.2020.01.387>

Elevated Outpatient C-Reactive Protein Independently Predicts Stroke and Gastrointestinal Bleeding in LVAD Patients
Y. Brailovsky, A. Javaid, G.M. Mondellini, L. Braghieri, M. Tiburcio, N. Uriel, G.T. Sayer, V.K. Topkara, and K. Takeda, Y. Naka, R.T. Demmer, M. Yuzefpolskaya, P.C. Colombo
The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S396
Published in issue: April 2020 DOI: <https://doi.org/10.1016/j.healun.2020.01.529>

Serum Cystatin C versus Creatinine Based Assessment of Renal Function in Heart Transplant Patients

A. Pinsino, D.L. Jennings, I. Mahoney, A. Sweat, A. Kim, G.M. Mondellini, L. Farhana, S.W. Restaino, M.V. Habal, M. Farr, R.T. Faillace, K. Takeda, Y. Naka, R. Demmer, J. Radhakrishnan, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.555>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S256

Published in issue: April 2020

Association of Plasma Trimethylamine-N-oxide and Serum Endothelin-1 with Cardiac Allograft Vasculopathy in Heart Transplant Recipients

J.C. Hupf, D. Onat, A. Javaid, G.M. Mondellini, L. Braghieri, K.J. Clerkin, J.M. Griffin, F. Latif, S.W. Restaino, M.V. Habal, M.A. Farr, K. Takeda, Y. Naka, G.T. Sayer, N. Uriel, R.T. Demmer, P.C. Colombo, M.

Yuzefpolskaya, The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S231

Published in issue: April 2020

DOI: <https://doi.org/10.1016/j.healun.2020.01.888>

Estimation of Mean Arterial Pressure Using Doppler and Pump Parameters in HeartMate 3 Patients

A. Pinsino, G.M. Mondellini, F. Castagna, A. Gaudig, M. Yuzefpolskaya, N. Uriel, G. Sayer, K. Takeda, Y. Naka, J.R. Cockcroft, E.J. Stohr, B. McDonnell, P.C. Colombo

DOI: <https://doi.org/10.1016/j.healun.2020.01.1099>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S156

Published in issue: April 2020

Use of Serum Cystatin C versus Creatinine for Estimation of Renal Function and Valganciclovir Dosing in Heart Transplant Recipients

D.L. Jennings, A. Pinsino, I. Mahoney, A. Sweat, G. Mondellini, L. Braghieri, J. Hupf, M. Gaine, . Latif, S. Restaino, K. Clerkin, V. Topkara, M. Farr, K. Takeda, Y. Naka, G. Sayer, N. Uriel, P. Colombo, M.

Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.869>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S224

Published in issue: April 2020

Upfront RVAD Strategy and Early Clinical Outcomes in LVAD Patients

L. Braghieri, G.M. Mondellini, A. Javaid, A. Kim, J.A. Fried, A. Masoumi, V.K. Topkara, K.L. Antler, G.T. Sayer, N. Uriel, H. Takayama, Y. Naka, K. Takeda2, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.1162>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S25

Published in issue: April 2020

Lack of Nocturnal Blood Pressure Reduction Increases the Risk of Stroke in Patients on Left Ventricular Assist Device Support

F. Castagna, G.M. Mondellini, A. Pinsino, B.J. McDonnell, E.J. Stöhr, A. Gaudig, A. Amlani, J. Nwokocha, R. Te-Frey, K. Takeda, H. Takayama, Y. Naka, J.Z. Willey, M. Yuzefpolskaya, G. Parati, J. Cockcroft, P.C.

Colombo

DOI: <https://doi.org/10.1016/j.healun.2020.01.526>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S395

Published in issue: April 2020

Angiotensin Receptor Neprilysin Inhibition in Patients with Left Ventricular Assist Devices

S. Alishetti, G.M. Mondellini, L. Braghieri, A. Javaid, K.L. Antler, M. Tiburcio, K. Takeda, Y. Naka, G.T. Sayer, N. Uriel, R.T. Demmer, P.C. Colombo, M. Yuzefpolskaya, D.L. Jennings

DOI: <https://doi.org/10.1016/j.healun.2020.01.1035>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S132

Published in issue: April 2020

Pre LVAD CPET as Predictor of INTERMACS Profile and Early Outcomes Post LVAD

Y. Brailovsky, G.M. Mondellini, A. Javaid, L. Braghieri, A.C. Kleet, R. Shargarodskaya, J.K. Raikhelkar, M.F. Pineda, J.A. Fried, D.S. Kim, K. Takeda, Y. Naka, G. Sayer, N. Uriel, R.L. Goldsmith, P.C. Colombo, M.

Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.764>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S182–S183

Published in issue: April 2020

Biomarkers of Inflammation and Oxidative Stress in HeartMate II vs HeartMate 3 Patients

G.M. Mondellini, L. Braghieri, A. Javaid, A. Pinsino, N. Uriel, G.T. Sayer, J.K. Raikhelkar, K. Takeda, Y. Naka, R.T. Demmer, M. Yuzefpolskaya, P.C. Colombo

DOI: <https://doi.org/10.1016/j.healun.2020.01.974> The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S109

Published in issue: April 2020

Assessment of Cerebrovascular Reserve in the Heart Failure Patients Supported with the HeartMate3

R. Ji, E.J. Stohr, K. Akiyama, A. Amlani, G.M. Mondellini, F. Castagna, A. Pinsino, J.R. Cockcroft, M. Yuzefpolskaya, V.K. Topkara, H. Takayama, K. Takeda, Y. Naka, N. Uriel, P.C. Colombo, B. McDonnell, J.Z. Willey

DOI: <https://doi.org/10.1016/j.healun.2020.01.945>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S97

Published in issue: April 2020

Serum Cystatin C as a Predictor of Early Outcomes and Long-Term Mortality in Contemporary LVAD Patients

G.M. Mondellini, A. Pinsino, L. Braghieri, A. Javaid, E.F. Lin, B. Cagliostro, M.F. Pineda, J.A. Fried, V. Topkara, K. Takeda, Y. Naka, G. Sayer, N. Uriel, J. Radhakrishnan, R. Demmer, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.763>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S182

Published in issue: April 2020

Driveline Infection in LVAD Patients: Effect of Era, Pump Type and Treatment Strategy

B. Cagliostro, H.S. Lumish, G.M. Mondellini, A. Javaid, A.O. Sweat, A. Kim, R. Te-Frey, L. Braghieri, K. Axsom, V.K. Topkara, K. Takeda, Y. Naka, G.T. Sayer, N. Uriel, J.G. Aaron, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2020.01.810>

The Journal of Heart and Lung Transplantation, Vol. 39, Issue 4, S201–S202

Published in issue: April 2020

Associations among Biomarkers of Congestion, Inflammation and Oxidative Stress in Heart Failure, LVAD and Heart Transplant

E.A. Royzman, G.M. Mondellini, A.M. Zuver, C.A. Bravo, D.L. Brunjes, D. Onat, M. Mabasa, J.C. Hupf, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, R.T. Demmer, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2019.01.212>

The Journal of Heart and Lung Transplantation, Vol. 38, Issue 4, S92

Published in issue: April 2019

Presence of Left Atrial or Left Ventricular Thrombus at the Time of CF-LVAD Implantation is Associated with Increased Post-Operative Risk of Stroke or Death

J.A. Fried, H. Lumish, A.M. Zuver, A.R. Garan, V.K. Topkara, B. Cagliostro, G. Parkis, M. Cevasco, M.T. Pineda, G.M. Mondellini, K. Ross, L. Witer, H. Takayama, K. Takeda, Y. Naka, M. Yuzefpolskaya, R.T. Demmer, P.C. Colombo

DOI: <https://doi.org/10.1016/j.healun.2019.01.156>

The Journal of Heart and Lung Transplantation, Vol. 38, Issue 4, S68–S69

Published in issue: April 2019

Long- and Short-Term Changes in Serum Creatinine Prior to LVAD Surgery are Associated with Postoperative Outcomes

A. Gaudig, G.M. Mondellini, K. Toma, A. Pinsino, R. Te-Frey, G. Parkis, M. Dominguez, A. Masoumi, .R. Garan, H. Takayama, K. Takeda, Y. Naka, R.T. Demmer, P.C. Colombo, J. Radhakrishnan, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2019.01.1153>

The Journal of Heart and Lung Transplantation, Vol. 38, Issue 4, S452–S453

Published in issue: April 2019

Pre-LVAD Blood-Borne Infection is a Harbinger of Poor Prognosis after LVAD Implantation

B. Cagliostro, A.M. Zuver, L. Effner, G. Parkis, G.M. Mondellini, E.A. Royzman, C.A. Bravo, R. Te-Frey, E.F. Lin, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, P.C. Colombo, M. Yuzefpolskaya

DOI: <https://doi.org/10.1016/j.healun.2019.01.801>

Digoxin is Associated with Decreased Survival Free from Hemocompatibility-Related Adverse Events in LVAD Patients - A Propensity Score Matched Analysis

A. Pinsino, A. Gaudig, K.L. Hoffman, D. D'Angelo, E.A. Royzman, G.M. Mondellini, F. Castagna, A.M. Zuver, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, R.T. Demmer, M. Yuzefpolskaya, P.C. Colombo
The Journal of Heart and Lung Transplantation, April 2019 Volume 38, Issue 4, Supplement, Page S170, DOI: <https://doi.org/10.1016/j.healun.2019.01.407>

Cystatin C is Superior to Creatinine for Prediction of Adverse Events in Heart Failure Patients Undergoing LVAD Implant

A. Pinsino, A. Gaudig, E.A. Royzman, M.B. Dominguez, J. Radhakrishnan, K. Toma, A.M. Zuver, M. Tiburcio, V. Topkara, A. Masoumi, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, R.T. Faillace, R.T. Demmer, P.C. Colombo, M. Yuzefpolskaya

The Journal of Heart and Lung Transplantation, April 2019 Volume 38, Issue 4, Supplement, Pages S235–S236
DOI: <https://doi.org/10.1016/j.healun.2019.01.580>

Microbiome-Derived TMAO Exhibits No Protective Effect against GIB in LVAD Patients

A.M. Zuver, K.L. Hoffman, D. D'Angelo, D. Onat, E.A. Royzman, J.C. Hupf, D.L. Brunjes, G.M. Mondellini, C.A. Bravo, M. Tiburcio, A.R. Garan, H. Takayama, K. Takeda, Y. Naka, P.C. Colombo, R.T. Demmer, M. Yuzefpolskaya

The Journal of Heart and Lung Transplantation April 2019 Volume 38, Issue 4, Supplement, Pages S195–S196, DOI: <https://doi.org/10.1016/j.healun.2019.01.473>