

# Stanford

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## Roberto J. Bernardo MD, MS, ATSF

Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care  
Medicine

### CLINICAL OFFICE (PRIMARY)

- **Pulmonary Allergy and Critical Care Medicine**

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Stanford, CA 94305

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### Bio

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#### CLINICAL FOCUS

- Pulmonary Hypertension
- Right Ventricular Dysfunction
- Critical Care Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

#### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pulmonary and Critical Care Fellowship (2020) CA
- Master of Science, University of Oklahoma Graduate College , Master of Science in Clinical and Translational Science (2020)
- Fellowship: University of Oklahoma College of Medicine (2019) OK
- Residency: University of Arizona College of Medicine (2016) AZ
- Medical Education: Universidad Peruana Cayetano Heredia (2008) Peru
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2019)
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2016)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Exercise hemodynamics and cardiopulmonary exercise testing

## Publications

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### PUBLICATIONS

- **Pericardial Effusions And Sotatercept Therapy in Pulmonary Arterial Hypertension: A Multicenter Real-World Experience.** *The European respiratory journal*  
Sahay, S., Hernandez, N. V., Al Aaraj, Y., Argula, R. G., Bernardo, R. J., Chavarria, M., Ibecheozor, C., Coons, J. C., Domsic, R. T., Fortin, T., Goodrich-Harris, A., Hickey, G., Ho, et al  
2025
- **Classification and Predictors of Right Ventricular Functional Recovery in Pulmonary Arterial Hypertension.** *Circulation. Heart failure*  
Rischard, F. P., Bernardo, R. J., Vanderpool, R. R., Kwon, D. H., Acharya, T., Park, M. M., Katrynuik, A., Insel, M., Kubba, S., Badagliacca, R., Larive, A. B., Naeije, R., Garcia, et al  
2023; 16 (10): e010555
- **Hispanic Ethnicity and Social Determinants of Health in Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry.** *Annals of the American Thoracic Society*  
Bernardo, R. J., Lu, D., Ramirez, R. L., Hedlin, H., Kawut, S. M., Bull, T., De Marco, T., Ford, H. J., Grinnan, D., Klinger, J. R., McConnell, J. W., Berman-Rosenzweig, E., Shlobin, et al  
2022
- **The Right Heart Network and Risk Stratification in Pulmonary Arterial Hypertension.** *Chest*  
Haddad, F., Contrepois, K., Amsallem, M., Denault, A. Y., Bernardo, R. J., Jha, A., Taylor, S., Arthur Ataam, J., Mercier, O., Kouznetsova, T., Vonk Noordegraaf, A., Zamanian, R. T., Sweatt, et al  
2021
- **Mechanics of right ventricular dysfunction in pulmonary arterial hypertension and heart failure with preserved ejection fraction.** *Cardiovascular diagnosis and therapy*  
Bernardo, R. J., Haddad, F. n., Couture, E. J., Hansmann, G. n., de Jesus Perez, V. A., Denault, A. Y., de Man, F. S., Amsallem, M. n.  
2020; 10 (5): 1580–1603
- **"How I Do It": Pulmonary Hypertension Associated with Interstitial Lung Diseases.** *Chest*  
Jose, A., Sood, N., Elwing, J. M., Akkanti, B., Bajwa, A., Bernardo, R., Estrada, R. A., Sharma, M., Soto, F. J., Tonelli, A. R., Verma, D., Vintch, J., Sahay, et al  
2025
- **Direct factor Xa inhibitors versus low molecular weight heparins or vitamin K antagonists for prevention of venous thromboembolism in elective primary hip or knee replacement or hip fracture repair.** *The Cochrane database of systematic reviews*  
Salazar, C. A., Basilio Flores, J. E., Malaga, G., Malasquez, G. N., Bernardo, R.  
2025; 1: CD011762
- **Health Care Disparities in Pulmonary Arterial Hypertension.** *Clinics in chest medicine*  
Bernardo, R. J., de Jesus Perez, V. A.  
2023; 44 (3): 543-554
- **Access to Medically Necessary Reproductive Care for Individuals with Pulmonary Hypertension.** *American journal of respiratory and critical care medicine*  
Sonntag, E., Akgun, K. M., Bag, R., Rosensweig, E. B., Bernardo, R. J., Burnett, C., Chybowsky, A., de Jesus Perez, V. A., Diwan, J., Guthrie, K. M., Halscott, T., Lahm, T., Vaught, et al  
2023
- **The social and economic disadvantage in pulmonary hypertension: A work (still) in progress.** *Pulmonary circulation*  
Bernardo, R. J., de Jesus Perez, V.  
2023; 13 (1): e12196
- **Use of Aerosolized Prostacyclins in Critically Ill Patients and Association With Clinical Outcomes** *CRITICAL CARE EXPLORATIONS*  
Hussain, S., Jaliawala, H. A., Zhao, D., Ijaz, S., Tsui, J., Chasteen, B., Brown, B. R., Bernardo, R. J.  
2023; 5 (1): e0845
- **Assessment of Pulmonary Vascular Disease: Pulmonary Vascular Resistance, Exercise Hemodynamics, and Ventriculovascular Coupling.** *American journal of respiratory and critical care medicine*

- Przebinda, A. S., El Haj Chehade, A., Farooqui, S. M., Youness, H. A., Bernardo, R. J.  
2022; 205 (11): 1349
- **Letter by Hussain and Bernardo Regarding Article, "Acute Impact of Prone Positioning on the Right Ventricle in COVID-19-Associated Acute Respiratory Distress Syndrome" *CIRCULATION-HEART FAILURE***  
Hussain, S. T., Bernardo, R. J.  
2022; 15 (5): e009197
  - **Left Brachiocephalic Perforation During Right Heart Catheterization. *JACC. Case reports***  
Farooqui, S. M., North, J., Bernardo, R. J.  
2022; 4 (8): 497-500
  - **A second hit? Pulmonary arterial hypertension, *<i>BMPR2</i>* mutation, and exposure to prescription amphetamines *PULMONARY CIRCULATION***  
Jaliawala, H. A., Parmar, M., Summers, K., Bernardo, R. J.  
2022; 12 (1): e12053
  - **Pulmonary vasodilator treatment in pulmonary hypertension due to left heart or lung disease: time for a high-definition picture? *Pulmonary circulation***  
Piccari, L., Bernardo, R. J., Rodriguez-Chiaradia, D., Vitulo, P., Wort, S. J., Sahay, S.  
2021; 11 (2): 20458940211018074
  - **Prescription Patterns for Pulmonary Vasodilators in the Treatment of Pulmonary Hypertension Associated With Chronic Lung Diseases: Insights From a Clinician Survey. *Frontiers in medicine***  
Thomas, C. A., Lee, J., Bernardo, R. J., Anderson, R. J., Glinskii, V., Sung, Y. K., Kudelko, K., Hedlin, H., Sweatt, A., Kawut, S. M., Raj, R., Zamanian, R. T., de Jesus Perez, et al  
1800; 8: 764815
  - **Two Cases of Pulmonary Tumor Thrombotic Microangiopathy Associated with ROS1-Rearranged Non-Small-Cell Lung Cancer. *Clinical lung cancer***  
Shah, A. T., Bernardo, R. J., Berry, G. J., Kudelko, K., Wakelee, H. A.  
2020
  - **Updates in pulmonary hypertension and other pulmonary vascular diseases *BREATHE***  
Bernardo, R. J., Bokan, A., Ramjug, S.  
2019; 15 (3): 241-243
  - **The pulmonary artery pulsatility index correlates with ventriculo-vascular coupling and elevated filling pressures in patients with pulmonary arterial hypertension.**  
Bernardo, R., Vanderpool, R., Rischard, F.  
EUROPEAN RESPIRATORY SOC JOURNALS LTD.2018