Stanford



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

CLINICAL OFFICE (PRIMARY)

- **Pulmonary Allergy and Critical Care Medicine**

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Bio

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

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Exercise hemodynamics and cardiopulmonary exercise testing

Publications

PUBLICATIONS

- **Historically Marginalized And Minoritized Populations With PAH: A Deeper Dive Into a Complex Question.** *Chest*
  Bernardo, R. J., Ortega, V. E., Glenn, J., Stephens, L., Cruz Morel, K. J., Elwing, J. M., Rischard, F. P.
  2026

- **Poverty and Social Deprivation in Patients With Pulmonary Arterial Hypertension-A PHAR Analysis.** *Pulmonary circulation*
  Bernardo, R. J., Lu, D., Hedlin, H., Grinnan, D., Machado, R. F., Melendres-Groves, L., Elwing, J. M., Sahay, S., Kawut, S. M., Robinson, J. C., de Jesus Perez, V. A., Zamanian, R. T.
  2026; 16 (3): e70373

- **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

- **Pah in the era of obesity: navigating phenotypes of pulmonary hypertension.** *Expert review of respiratory medicine*
  Tager, D., Bernardo, R. J., Tonelli, A. R.
  2026

- **ATS Core Curriculum 2026 Adult Pulmonary Medicine: Pulmonary Hypertension Diagnosis and Management.** *ATS scholar*
  Cho, J. L., Camac, E., Bernardo, R. J., Carmona, H., Del Valle, K. T., Forbes, L. M., Kolaitis, N. A., Mathai, S. K., Maximous, S. I., Melamed, K. H., Peck, T. J., Soffler, M., Steinbach, et al
  2026

- **Navigating the Complexities of Pulmonary Hypertension Care: Unique Challenges in PAH Management** *PULMONARY CIRCULATION*
  Morel, K., Sood, N., Bernardo, R., Jackson, K., Leung, G. P., Burger, C., Elwing, J. M.
  2026; 16 (3)

- **Navigating the Complexities of Pulmonary Hypertension Care: Unique Challenges in PAH Management.** *Pulmonary circulation*
  Morel, K. C., Sood, N., Bernardo, R., Jackson, K., Leung, G. P., Burger, C., Elwing, J. M.
  2026; 16 (3): e70340

- **Insurance and Treatment Patterns in Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry.** *Annals of the American Thoracic Society*
  McCarthy, B. E., Feng, R., Bernardo, R., Shlobin, O. A., De Marco, T., Wichman, T., Presberg, K. W., Ravichandran, A., Horn, E. M., Elwing, J. M., George, M. P., Runo, J. R., Safdar, et al

2026

- **Sotatercept in Pulmonary Langerhans Cell Histiocytosis-Associated Pulmonary Hypertension: A Case Series and Systematic Review.** *Pulmonary circulation*
  Chilingarashvili, G., Mylvaganam, R. J., Bernardo, R. J., Shah, A., Cuttica, M., Roberts, T., Marchetti, N., Rali, P.
  2026; 16 (1): e70239

- **Global Resource Disparities Between Pulmonary Hypertension Centers: Results From the International Survey by the PVRI IDDI Access to Care Workstream.** *Pulmonary circulation*
  Prisco, S. Z., Kantorovich, A., Liu, Y., Sahay, S., Bernardo, R., Balasubramanian, V., Raj, J. U., Golden, G., Rischard, F.
  2026; 16 (1): e70229

- **"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., Burnetti, C., Chybowski, 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, BMPR2 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