

Stanford



Amit Banga

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

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Lung Transplantation
- Heart-Lung Transplantation
- Pulmonary Disease

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2024)
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2024)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2024)
- Fellowship: Cleveland Clinic Foundation (2014) OH
- Residency: Michigan State University Internal Medicine Residency (2011) MI
- Internship: Drexel University School of Medicine (2006) PA
- Medical Education: Gajra Raja Medical College (1997) India

Research & Scholarship

CLINICAL TRIALS

- BECLAD, Not Specified

Publications

PUBLICATIONS

- **Donation after Circulatory Death Donors Are Associated With Increased 1-Year Mortality After Lung Transplantation: A UNOS-Based Risk Stratification Study.** *Clinical transplantation*
Banga, A., Guenthart, B. A., Zhang, S., MacArthur, J. W., Dhillon, G. S.
2025; 39 (12): e70399
- **Impact of continuous distribution as the allocation strategy on lung transplantation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Banga, A., Hartley, C., Tulu, Z., MacArthur, J. W., Dhillon, G.
2025
- **Alterations in Pulmonary Physiology with Lung Transplantation.** *Comprehensive Physiology*
Mohanka, M., Banga, A.
2023; 13 (1): 4269-4293
- **Significance of Best Spirometry in the First Year After Bilateral Lung Transplantation: Association With 3-Year Outcomes.** *Transplantation*
Mohanka, M. R., Kanade, R., Garcia, H., Mahan, L., Bollineni, S., Mullins, J., Joerns, J., Kaza, V., Torres, F., Zhang, S., Banga, A.
2020; 104 (8): 1712-1719
- **Incidence and variables associated with 30-day mortality after lung transplantation.** *Clinical transplantation*
Banga, A., Mohanka, M., Mullins, J., Bollineni, S., Kaza, V., Huffman, L., Peltz, M., Bajona, P., Wait, M., Torres, F.
2019; 33 (2): e13468
- **Characteristics and outcomes among patients with need for early dialysis after lung transplantation surgery.** *Clinical transplantation*
Banga, A., Mohanka, M., Mullins, J., Bollineni, S., Kaza, V., Tanriover, B., Torres, F.
2017; 31 (11)
- **Interaction of pre-transplant recipient characteristics and renal function in lung transplant survival.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Banga, A., Mohanka, M., Mullins, J., Bollineni, S., Kaza, V., Torres, F., Tanriover, B.
2017
- **Association of pretransplant kidney function with outcomes after lung transplantation.** *Clinical transplantation*
Banga, A., Mohanka, M., Mullins, J., Bollineni, S., Kaza, V., Torres, F., Tanriover, B.
2017; 31 (5)
- **Hospital length of stay after lung transplantation: Independent predictors and association with early and late survival.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Banga, A., Mohanka, M., Mullins, J., Bollineni, S., Kaza, V., Ring, S., Bajona, P., Peltz, M., Wait, M., Torres, F.
2017; 36 (3): 289-296
- **Mast cell phenotypes in the allograft after lung transplantation.** *Clinical transplantation*
Banga, A., Han, Y., Wang, X., Hsieh, F. H.
2016; 30 (7): 845-51
- **Disease Recurrence and Acute Cellular Rejection Episodes During the First Year After Lung Transplantation Among Patients With Sarcoidosis.** *Transplantation*
Banga, A., Sahoo, D., Lane, C. R., Farver, C. F., Budev, M. M.
2015; 99 (9): 1940-5
- **Characteristics and outcomes of patients with lung transplantation requiring admission to the medical ICU.** *Chest*
Banga, A., Sahoo, D., Lane, C. R., Mehta, A. C., Akindipe, O., Budev, M. M., Wang, X. F., Sasidhar, M.
2014; 146 (3): 590-599
- **The natural history of lung function after lung transplantation for α (1)-antitrypsin deficiency.** *American journal of respiratory and critical care medicine*
Banga, A., Gildea, T., Rajeswaran, J., Rokadia, H., Blackstone, E. H., Stoller, J. K.

2014; 190 (3): 274-81

- **Use of Ex-Vivo Lung Perfusion for Planned Left Single-Lung Transplant.** *Annals of thoracic surgery short reports*
Krishnan, A., Heng, E., Ruaengsri, C., Banga, A., Guenthart, B. A., Woo, Y. J., MacArthur, J. W.
2025; 3 (1): 247-249
- **Delayed-Onset Psychosis Secondary to Tacrolimus Neurotoxicity After Lung Transplant: A Case Report and Systematic Review.** *Journal of the Academy of Consultation-Liaison Psychiatry*
Gunther, M., Jiang, S., Banga, A., Sher, Y.
2023
- **A Case Report of Breakthrough Infections With 2 SARS-CoV-2 Variants in a Lung Transplant Patient.** *Transplantation proceedings*
Mahan, L. D., Mohanka, M. R., Joerns, J., Lawrence, A., Bollineni, S., Kaza, V., Timofte, I., La Hoz, R. M., Sorelle, J., Terada, L. S., Kershaw, C. D., Torres, F., Banga, et al
2022
- **Non-pulmonary complications after lung transplantation: Part I.** *Indian journal of thoracic and cardiovascular surgery*
Kanade, R., Kler, A., Banga, A.
2022; 38 (Suppl 2): 280-289
- **Non-pulmonary complications after lung transplantation: part II.** *Indian journal of thoracic and cardiovascular surgery*
Kanade, R., Kler, A., Banga, A.
2022; 38 (Suppl 2): 290-299
- **Characteristics and outcomes among patients with community-acquired respiratory virus infections during the first year after lung transplantation.** *Clinical transplantation*
Mahan, L. D., Kanade, R., Mohanka, M. R., Bollineni, S., Joerns, J., Kaza, V., Torres, F., La Hoz, R. M., Banga, A.
2021; 35 (1): e14140
- **Characteristics and Outcomes of Lung Transplant Candidates With Preexisting Renal Dysfunction.** *Transplantation proceedings*
Woll, F., Mohanka, M., Bollineni, S., Joerns, J., Kaza, V., Torres, F., Tanriover, B., Banga, A.
2020; 52 (1): 302-308
- **Ventilation perfusion pulmonary scintigraphy in the evaluation of pre-and post-lung transplant patients.** *Transplantation reviews (Orlando, Fla.)*
Pinho, D. F., Banga, A., Torres, F., Mathews, D.
2019; 33 (2): 107-114
- **Predictors of outcome among patients on extracorporeal membrane oxygenation as a bridge to lung transplantation.** *Clinical transplantation*
Banga, A., Batchelor, E., Mohanka, M., Bollineni, S., Kaza, V., Mullins, J., Tran, M., Bajona, P., Peltz, M., Wait, M., Torres, F.
2017; 31 (7)
- **Incidence and variables associated with inadequate antibody titers after pre-exposure rabies vaccination among veterinary medical students.** *Vaccine*
Banga, N., Guss, P., Banga, A., Rosenman, K. D.
2014; 32 (8): 979-83
- **Non-invasive ventilation for acute exacerbation of COPD with very high PaCO₂: A randomized controlled trial.** *Lung India : official organ of Indian Chest Society*
Khilnani, G. C., Saikia, N., Banga, A., Sharma, S. K.
2010; 27 (3): 125-30
- **A prospective study of risk factor profile & incidence of deep venous thrombosis among medically-ill hospitalized patients at a tertiary care hospital in northern India.** *The Indian journal of medical research*
Sharma, S. K., Gupta, V., Kadiravan, T., Banga, A., Seith, A., Kumar, A., Saxena, R., Thabab, M. M., Gulati, V., Bhatia, I., Kavimandan, A. A.
2009; 130 (6): 726-30
- **Post-hypercapnic alkalosis is associated with ventilator dependence and increased ICU stay.** *COPD*
Banga, A., Khilnani, G. C.
2009; 6 (6): 437-40

- **A clinical prediction rule to identify patients with tuberculosis at high risk for HIV co-infection.** *The Indian journal of medical research*
Sharma, S. K., Kadiravan, T., Banga, A.
2009; 130 (1): 51-7
- **Use of non-invasive ventilation in a pregnant woman with acute respiratory distress syndrome due to pneumonia.** *The Indian journal of chest diseases & allied sciences*
Banga, A., Khilnani, G. C.
2009; 51 (2): 115-7
- **Lemierre's syndrome due to community-acquired meticillin-resistant Staphylococcus aureus infection and presenting with orbital cellulitis: a case report.** *Journal of medical case reports*
Kadiravan, T., Piramanayagam, P., Banga, A., Gupta, R., Sharma, S. K.
2008; 2: 374
- **Noninvasive ventilation in patients with chronic obstructive airway disease.** *International journal of chronic obstructive pulmonary disease*
Khilnani, G. C., Banga, A.
2008; 3 (3): 351-7
- **Prevalence and risk factors for wheezing in children from rural areas of north India.** *Allergy and asthma proceedings*
Sharma, S. K., Banga, A.
2007; 28 (6): 647-53
- **Obesity, and not obstructive sleep apnea, is responsible for metabolic abnormalities in a cohort with sleep-disordered breathing.** *Sleep medicine*
Sharma, S. K., Kumpawat, S., Goel, A., Banga, A., Ramakrishnan, L., Chaturvedi, P.
2007; 8 (1): 12-7
- **Prediction of obstructive sleep apnea in patients presenting to a tertiary care center.** *Sleep & breathing = Schlaf & Atmung*
Sharma, S. K., Malik, V., Vasudev, C., Banga, A., Mohan, A., Handa, K. K., Mukhopadhyay, S.
2006; 10 (3): 147-54
- **Prevalence and risk factors of obstructive sleep apnea syndrome in a population of Delhi, India.** *Chest*
Sharma, S. K., Kumpawat, S., Banga, A., Goel, A.
2006; 130 (1): 149-56
- **Pleural fluid interferon-gamma and adenosine deaminase levels in tuberculosis pleural effusion: a cost-effectiveness analysis.** *Journal of clinical laboratory analysis*
Sharma, S. K., Banga, A.
2005; 19 (2): 40-6
- **Predictors of mortality of patients with acute respiratory failure secondary to chronic obstructive pulmonary disease admitted to an intensive care unit: a one year study.** *BMC pulmonary medicine*
Khilnani, G. C., Banga, A., Sharma, S. K.
2004; 4: 12
- **Spectrum of clinical disease in a series of 135 hospitalised HIV-infected patients from north India.** *BMC infectious diseases*
Sharma, S. K., Kadiravan, T., Banga, A., Goyal, T., Bhatia, I., Saha, P. K.
2004; 4: 52
- **Diagnostic utility of pleural fluid IFN-gamma in tuberculosis pleural effusion.** *Journal of interferon & cytokine research : the official journal of the International Society for Interferon and Cytokine Research*
Sharma, S. K., Banga, A.
2004; 24 (4): 213-7