

Rafia Rasu, PhD
Health Behavior & Health Systems
Pharmacotherapy
UNT System College of Pharmacy
Email: Rafia.Rasu@unthsc.edu



Area of Expertise

My work is focused on comparative effectiveness research, outcomes research, health analytics, and economic evaluation of health care interventions. These multidisciplinary research areas have generated more than 40 peer reviewed publications. I have co-authored a book chapter on Economic Development and Population Health in a book titled Reinventing Public Health: Policies and Practices for a Healthy Nation. As an investigator, I have received federal-level funding for my work analyzing prescription trends, medication exposure and effectiveness, and identifying ways for improving care.

Qualifications

PharmD, University Of Texas At Houston
BPharm, University of Dhaka
MPharm, University of Dhaka
MBA, University of Dhaka

Recent Publications

Long-term Medication Adherence and Preventive vs Reactive Care Utilization Among Older Adults With Diabetes

Karpes Matusevich, A. R., Xavier, C. & Rasu, R. S., Oct 2022, In: American Journal of Managed Care. 28, 10, p. E378-E387

Cost of Traditional Herbal Medicines for Noncommunicable Diseases in Rural and Urban Communities in South Africa

Hughes, G. D., Aboyade, O. M., Okonji, O. C., Clark, B., Bawa, W. A., Xavier, C. & Rasu, R. S., May 2022, In: Value in Health Regional Issues. 29, p. 66-75 10 p.

Assessing coprescription of opioids with central nervous system depressants for nonmalignant chronic musculoskeletal pain management in the outpatient setting

Zalmai, R., Bawa, W. A., Howard, M. & Rasu, R. S., Mar 2022, In: Journal of Opioid Management. 18, 2, p. 107-122 16 p.

Health Disparities of Coronavirus Disease 2019 in Texas, March-July 2020

Xavier, C. & Rasu, R. S., 1 Oct 2021, In: Southern Medical Journal. 114, 10, p. 649-656 8 p.

Accurate Medication Adherence Measurement Using Administrative Data for Frequently Hospitalized Patients

Rasu, R. S., Hunt, S. L., Dai, J., Cui, H., Phadnis, M. A. & Jain, N., Oct 2021, In: Hospital Pharmacy. 56, 5, p. 451-461 11 p.

Comparative Effectiveness and Safety of Oral P2Y12 Inhibitors in Patients on Chronic Dialysis

Jain, N., Phadnis, M. A., Hunt, S. L., Dai, J., Shireman, T. I., Davis, C. L., Mehta, J. L., Rasu, R. S. & Hedayati, S. S., Sep 2021, In: Kidney International Reports. 6, 9, p. 2381-2391 11 p.

Impact of Fall Risk and Direct Oral Anticoagulant Treatment on Quality-Adjusted Life-Years in Older Adults with Atrial Fibrillation: A Markov Decision Analysis

Wei, W., Rasu, R. S., Hernández-Muñoz, J. J., Flores, R. J., Rianon, N. J., Hernández-Vizcarrondo, G. A. & Brown, A. T., Aug 2021, In: Drugs and Aging. 38, 8, p. 713-723 11 p.

Polypharmacy and Cognition Function among Rural Adults

Rasu, R. S., Shrestha, N., Karpes Matusevich, A. R., Zalmai, R., Large, S., Johnson, L., O'Bryant, S. E. & Abner, E., 2021, In: Journal of Alzheimer's Disease. 82, 2, p. 607-619 13 p.

Shorter length of hospital stay for hip fracture in those with dementia and without a known diagnosis of osteoporosis in the USA

Rasu, R. S., Zalmay, R., Karpes Matusevich, A. R., Hunt, S. L., Phadnis, M. A. & Rianon, N., Dec 2020, In: BMC Geriatrics. 20, 1, 523.

Motivational interviewing to encourage quit attempts among smokers not ready to quit: A trial-based economic analysis

Rasu, R. S., Thelen, J., Agbor Bawa, W., Goggin, K., Bradley-Ewing, A. & Catley, D., 1 Sep 2020, In: Nicotine and Tobacco Research. 22, 9, p. 1515-1523 9 p.