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## 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

### **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., 24 Aug 2020, In : Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco. 22, 9, p. 1515-1523 9 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., 1 Jan 2020, (Accepted/In press) In : Hospital Pharmacy.

### **Trends for and Clinical Factors Associated with Choice of Oral P2Y<sub>12</sub> Inhibitors for Patients on Chronic Dialysis**

Jain, N., Hunt, S. L., Cui, H., Phadnis, M. A., Mahnken, J. D., Shireman, T. I., Dai, J., Mehta, J. L. & Rasu, R. S., 1 Oct 2019, In : Cardiovascular Drugs and Therapy. 33, 5, p. 511-521 11 p.

### **Determinants of opioid prescribing for nonmalignant chronic pain in US outpatient settings**

Rasu, R. S. & Knell, M. E., 1 Mar 2018, In : Pain Medicine (United States). 19, 3, p. 524-532 9 p.

### **Impact of polypharmacy on seniors' self-perceived health status**

Rasu, R., Agbor-Bawa, W. & Rianon, N., 1 Aug 2017, In : Southern Medical Journal. 110, 8, p. 540-545 6 p.

### **Lumbar spine surgeries and medication usage during hospital stay: One-center perspective**

Sharma, N. K., Olotu, B., Mathew, A., Waitman, L. R. & Rasu, R., 2017, In : Hospital Pharmacy. 52, 11, p. 774-780 7 p.

### **Assessing prescribing trends of adjuvant medication therapy in outpatients with a diagnosis of noncancer chronic pain**

Rasu, R. S., Vossen, R. K. & Knell, M. E., 19 Dec 2016, In : Clinical Journal of Pain. 33, 9, p. 786-792 7 p.

### **Use of Statins and the Risk of Incident Diabetes: A Retrospective Cohort Study**

Olotu, B. S., Shepherd, M. D., Novak, S., Lawson, K. A., Wilson, J. P., Richards, K. M. & Rasu, R. S., 1 Oct 2016, In : American Journal of Cardiovascular Drugs. 16, 5, p. 377-390 14 p.

**Macro and micro level usage of outcomes research in pharmacy practices**

Rasu, R. S., May 2016, In : Hospital Pharmacy. 51, 5, p. 351-352 2 p.

**Impact of JIA on parents' work absences**

Rasu, R. S., Cline, S. K., Shaw, J. W., Hayes, O., Agbor Bawa, W. & Cifaldi, M. A., 1 Jul 2015, In : Rheumatology (United Kingdom). 54, 7, p. 1177-1185 9 p., keu414.