

## **CURRICULUM VITAE**

**NAME:** Rajesh Balkrishnan, Ph.D.  
Professor of Public Health Sciences,  
University of Virginia School of Medicine

**ADDRESS:**  
**Residence:** 702 Rainier Road, Charlottesville, VA, 22903  
832-452-6580 rbgws@yahoo.com

**Business:** Department of Public Health Sciences,  
University of Virginia School of Medicine  
P.O. Box 800717 Charlottesville, VA 22908  
434-243-7022 rb9ap@virginia.edu

**EDUCATION:**

Ph.D., University of North Carolina at Chapel Hill  
School of Public Health, Health Services Research and  
Epidemiology, 1999.

M.S., University of North Carolina at Chapel Hill  
School of Pharmacy, Pharmaceutical Policy, 1997.

B.S., University of Bombay, Pharmaceutical Sciences,  
Bombay College of Pharmacy, Bombay, India, 1995.

D.S.M., National Institute of Information Technology,  
Bombay, India, Systems Management, 1994.

## **RESEARCH PROGRAM:**

Dr. Balkrishnan's research program focuses on health services research and epidemiology related to global medical care access. In particular, Dr. Balkrishnan has been recently focused on exploring issues related to quality of care in oncology, diabetes, and visual health in underserved populations. For nearly two decades Dr. Balkrishnan has worked with the Medicaid program to understand issues of access to essential pharmacotherapies in low income populations. Dr. Balkrishnan has served as key co-investigator on large national studies such as the USRDS. Dr. Balkrishnan combines his expertise in health informatics, pharmacy, health services research and biostatistics to create and analyze large data repositories which enable "real world" evaluations of the effectiveness of medical care. He is also involved in the development of several registries for non-communicable chronic diseases globally. He has performed several comparative effectiveness evaluations of technologies and treatments. Dr. Balkrishnan has published over 350 papers, books and book chapters and has been recognized nationally and internationally for his expertise in effectiveness research and evaluation.

**PROFESSIONAL APPOINTMENTS:**

**Current**

Professor of Public Health Sciences (Tenured), University of Virginia School of Medicine, 2015 – present

Director, Population Health and Cancer Outcomes Core, UVA Cancer Center, 2015 – 2019

Clinical Professor, University of Virginia School of Nursing, 2016- present

Distinguished Professor, Stellenbosch University, South Africa 2019- present

Adjunct Professor of Pharmacy Practice

Manipal University, Karnataka, India, 2010 – present

Annamalai University, Chidambaram, India, 2009 – present

**Past**

Associate Professor of Clinical, Social, and Administrative Sciences, (Tenured), University of Michigan College of Pharmacy, 2009 – 2015

Associate Professor of Health Policy and Management, University of Michigan School of Public Health, 2009 – 2015

Associate Professor (affiliated), Department of Computational Medicine and Bioinformatics, University of Michigan School of Medicine, 2011– 2015

Merrell Dow Professor of Pharmacoeconomics and Outcomes Research and Associate Professor of Pharmacy Practice and Administration, (Tenured), College of Pharmacy

Associate Professor of Health Services and Management, College of Public Health,

The Ohio State University, Columbus, OH. 2005-2009

Associate Professor of Management and Policy Sciences  
School of Public Health,

Associate Professor of Dermatology  
School of Medicine,

University of Texas Health Science Center, Houston, TX. 2003-04.

Assistant Professor, Social Sciences and Health Policy, Department of Public Health Sciences. School of Medicine. 1999-2003.

Brooks Scholar in Academic Medicine. 2001-2003.

Associate in Internal Medicine and Surgery. 2000-2003.

Assistant Professor, Dermatology 2001- 2003.

Adjunct Associate Professor, Dermatology 2003-2015.

Wake Forest University School of Medicine, Winston-Salem, NC.

**HONORS AND AWARDS:**

**Cited in 2020 onwards as the Top 2% Scientist in the World based on Impact of Published Research.** Ioannidis JPA, Boyack KW, Baas J (2020) Updated science-wide author databases of standardized citation indicators. PLoS Biol 18(10): e3000918. <https://doi.org/10.1371/journal.pbio.3000918>

Gordon Bergy Lecturership, West Virginia University, 2019

UVA Public Voices Fellow, 2018-19. Published pieces in US News and World Report and San Francisco Chronicle.

Merrell Dow Professor of Pharmacoeconomics and Outcomes Research. The Ohio State University College of Pharmacy. 2005-2009.

Top Reviewer, Medical Care Journal, 2003-04, 2005-06.

Best Research Presentation Award. International Society of Pharmacoeconomics and Outcomes Research Annual Meeting. Won the award for 6 co-authored papers since 2003.

Brooks Scholar in Academic Medicine. Wake Forest University School of Medicine. The Taylor and Jean Bailey Brooks Endowment. 2001- 2003.

Research Incentive Scholarship for New Investigators, American Pharmaceutical Association, January 1998.

Rho-Chi Pharmacy Honor Society, Inducted April 1997.

**RESEARCH FUNDING:**

**Current:**

Risk Assessment of Population Wide Significant Visual Impairment in Virginia. 5-NU38OT000286-05 Centers for Disease Control. (\$449,986). **Principal Investigator** (10/1/22-9/30/24)

Disparities in treatment and outcomes in Diabetes Belt. 1 R01 DK113295 NIH. (\$2,442,776) **Co-Investigator** (PIs: Min Sohn and Jennifer Lobo) (9/1/17 – 8/31/22 under no cost extension).

**Past (from 2000):**

Population Health Assessment in the UVA Cancer Center Catchment Area. NCI P30 supplement. NCI (\$225,000) **Project Principal Investigator** (10% effort) (7/1/2018-12/30/2019)

Value of Programs for All-Inclusive Care for the Elderly (PACE) in a rapidly shifting Health Policy Environment. InnovAge. [Total Award: \$500,000]. **Co-Investigator**. PI: Michael Williams

United States Renal Data System Data Coordinating Center. National Institutes of Health. 1 U01 HHSN2762014 [\$ 8,530,144] **Consultant**. PI: Rajiv Saran (2/8/2014 -2/7/2019)

Establishing a National Chronic Kidney Disease Surveillance System. Centers for Disease Control and Prevention (CDC). Direct Sponsor Award Reference Number:5U58DP003836 [Project Period Estimated Award: \$2,750,000] **Consultant**. PI: Rajiv Saran, MD, MS for awardee University of Michigan (9/30/2011 -9/29/2019)

Identifying Barriers to Screening and Treatment of Women's Cancers in the Appalachian Region of Virginia. Tobacco Indemnification Commission. [Total Award: \$110,000] **Principal Investigator** (10/1/2016-9/30/2018).

Transplant Outcomes Using Generic and Brand Name Immunosuppressants: studying medications used by people who have received kidney and liver transplants. National Institutes of Health. 1 U01 FD005274-01. [Total Award: \$965,972.] **Principal Investigator** on subcontract, PI: Alan Leichtman. (09/01/2014-08/31/2017).

Exploring Issues related to Vaccine Hesitancy in HPV: Development of a cancer risk-focused educational intervention. Merck and Company. [Total Award: \$299,837] **Principal Investigator** (6/1/2016-9/30/2017).

Pharmacotherapy Evaluation Tools for Improving Breast Cancer Outcomes in Rural Appalachia. 1 R21 CA168479 [\$377,490] National Institutes of Health.  
**Principal Investigator** (9/1/12 – 12/31/14)

Clinical Database to Support Comparative Effectiveness Studies of Complex Patients 1 R24 HS019459 (09/01/2010 – 08/30/2012)  
AHRQ [\$999,018] **Co-Investigator** PI: Caroline Blaum

Center for Dermatology Research. Galderma Inc. [\$3,000,000 total center award] **Principal Investigator** on subcontract\* with University of Michigan [\$61,704 annually] (01/01/02 – 12/31/14)

Evaluation of Value Based Insurance Design Program. Ohio Public Employees Retirement System, State of Ohio. [\$49,500] **Principal Investigator** (01/01/14 – 12/31/14)

Health Disparities Summer Immersion Program  
UL1 RR024986 (supplement) (09/30/2009-09/29/2011)  
NIH. [\$221, 807] **Faculty Mentor** (no salary support) PI: Kenneth Pienta, MD

DVT Prevention in Pediatric and Adolescent Trauma Patients: Safety & Costs.  
R03-HS017344 AHRQ. [\$542,342] (12/01/07-11/30/09)  
**Co-Investigator** PI: Sarah O'Brien

Outcomes of Omission of Radiation with Lumpectomy (BCS) Among Low-Income Women NIH (NCI) [\$369,538] (04/01/06-03/31/08) **Consultant** PI: Gretchen Kimmick

Outcomes associated with Vaginitis in Medicaid Patients  
Novo Nordisk [\$50,000] (01/01/08-12/31/08)  
**Principal Investigator** RA support only

Outcomes associated with combination therapy in diabetes patients.  
Glaxo Smith Kline [\$30,000] (10/01/07-03/31/08)  
**Principal Investigator** RA support only

Cost Impact of Biological Therapies in Psoriasis.  
Centocor Inc. [\$40,000] (07/01/05 -  
06/30/06) **Principal Investigator**

Costs associated with glaucoma therapies in geriatric populations.  
Pfizer Inc. [\$20,000] (07/01/05 -06/30/06).  
**Principal Investigator**

Prevalence and Impact of Poor Treatment Adherence in Parkinson's Disease.  
Glaxo SmithKline. [\$ 24,000] (10/01/05 – 03/31/06)  
**Co- Principal Investigator**

Assess Burden and Impact of Poor Treatment Adherence in Insomnia  
Glaxo SmithKline. [\$ 24,000] (10/01/05 – 03/31/06)  
**Co- Principal Investigator**

Survey of Bulk Prescription Drug Purchasing Programs.  
State of Ohio Mental Health Services. [\$50,000] (10/01/05 – 03/31/06)  
**Co- Principal Investigator**

Factors affecting physician prescription of medications for sleep disorders.  
Takeda Pharmaceuticals of North America Inc. [\$40,300]  
**Principal Investigator** (01/01/04-12/31/04)

Quality of Care for Breast Cancer under Medicaid  
American Cancer Society [\$129,000] (1/1/04-12/31/04)  
**PI on subcontract PI: Roger Anderson**

Kelsey Seybold –UT Research Collaborative Pilot  
Kelsey Research Foundation. [\$27,874] (08/18/03- 08/17/04)  
**Principal Investigator**

Quality of Life in Women with Facial Blemishes.  
Loreal Inc. [\$85,000] (01/09/02 -08/31/03)  
**Co-Investigator PI: Amy McMichael**

Patterns of anti-diabetic medication use and associated health care outcomes in  
an elderly population  
Takeda Pharmaceuticals Inc. [\$20,000] (01/09/02-06/30/03)  
**Principal Investigator**

School based educational intervention in asthma.  
Merck and Co. Pratt Family Foundation. [\$80,000] (07/01/01-06/30/03)  
**Co-Investigator PI: Michael Schechter**

Stroke risk assessment project.  
NC Stroke association. [\$73,198] **Co-Investigator** (07/01/01-06/30/02)  
**PI: Roger Anderson**

Adherence intervention to maximize control of diabetes.  
NIH (supplement) [\$72,500] (07/01/00-06/30/03)  
**Consultant PI: Mary A. Sevick**

Longitudinal study of the predictors of clinical, sociobehavioral and economic  
outcomes associated with BOTOX use in children with cerebral palsy.  
Allergan Inc. [\$35,000] (01/01/02-12/31/02)  
**Principal Investigator**

Longitudinal Study of Asthma Outcomes in the NC Medicaid Population. Merck and Co. Inc. [\$34,800] (04/01/01-03/31/02)

**Principal Investigator**

Caregiver-related factors affecting appropriateness of medical care service utilization in children with atopic dermatitis.

Fujisawa Inc. [\$40,000]

(01/01/01-12/31/01)

**Principal Investigator**

Quality of Cancer Care.

NIH [\$206,406]

(10/01/00 - 09/30/01)

**Co-Investigator**

**PI:** Frank Torti

ACE inhibitor use and Progression of Disability in WHAS.

NIH (NIA) [\$9,988]

(09/01/00-08/31/01)

**Principal Investigator**

Cost-benefit and quality of life issues in elderly patients with glaucoma.

Pharmacia and Upjohn Inc. [\$58,762]

(1/1/00 – 3/31/01)

**Principal Investigator**

Patient Trust in Managed Care: The Effect of Disclosing Financial Incentives,

Robert Wood Johnson Foundation. [\$339,696]

(07/01/00-03/31/01)

**Co-Principal Investigator**

**PI:** Mark Hall

**PUBLICATIONS:**

Journal Articles\* (in chronological order from first to most recent)

(\*In press denotes that the paper has been accepted for publication and is forthcoming)

**A. Research articles related to core program on the pharmacoepidemiology of health disparities/ comparative effectiveness evaluations of medications**

1. **Balkrishnan R**, Norwood GJ and Anderson A. Outcomes and Cost Benefits associated with the Introduction of Inhaled Corticosteroid Therapy in a Medicaid Population of Asthmatic Patients. Clinical Therapeutics 20(3): 567-580, 1998.
2. **Balkrishnan R**, Norwood GJ and Anderson A. Outcomes and Cost Benefit associated with Introduction of Inhaled Corticosteroid Therapy in a Medicaid enrolled Asthmatic Children. Drug Benefit Trends 10(10):37-40, 1998
3. **Balkrishnan R**, and Christensen DB. Inhaled medication use and associated outcomes in elderly in older adults with chronic pulmonary ailments Clinical Therapeutics 22(4): 452-469, 2000.
4. **Balkrishnan R**, Anderson RT, and Bowton D. Self reported health status as a predictor of health care services utilization and charges in elderly asthmatic patients. Journal of Asthma 37(5): 415-423, 2000.
5. **Balkrishnan R**, and Christensen DB. Inhaled corticosteroid nonadherence and immediate avoidable medical events in older adults with chronic pulmonary ailments Journal of Asthma 37(6): 511-517, 2000.
6. **Balkrishnan R**, and Christensen DB. A comparison of medication adherence indices to assess long-term inhaled corticosteroid medication use. Journal of Asthma 38(1): 91-98, 2001.
7. **Balkrishnan R**, Byerly WG, Camacho FT, Shrestha A, and Anderson RT. Effect of prescription benefit changes on medical care utilization in a Medicare HMO population. American Journal of Managed Care – 7(11): 1093-1100, 2001.
8. Onder G, Penninx BWJH, **Balkrishnan R**, Fried LP, Chaves PH, Williamson JD, Carter C, Di Bari M, Guralnik JM, Pahor M. Relation between use of angiotensin-converting enzyme inhibitors and muscle strength and physical function in older women: an observational study. Lancet – 359(9310): 926-930, 2002.
9. **Balkrishnan R**, Christensen DB, and Bowton DL. Self-reported health status, prophylactic medication use, and health care costs in older adults with asthma. Journal of the American Geriatrics Society – 50 (5): 924-929, 2002.



10. **Balkrishnan R**, Camacho FT, Smith BP, Shilt JS, Jacks LK, Koman LA, Rascati KL. Cost impact of botulinum toxin therapy in Medicaid-enrolled children with cerebral palsy. Journal of the Southern Orthopaedic Association - 11 (2): 71-82, 2002.
11. **Balkrishnan R**, Rajagopalan R, Camacho FT, Huston SA, Murray FT, Anderson RT. Predictors of medication adherence and associated health care costs in an older population with Type 2 diabetes mellitus: A longitudinal cohort study. Clinical Therapeutics – 25(11): 2958-2971, 2003.
12. **Balkrishnan R**, Bond JB, Byerly WG, Camacho FT, Anderson RT. Medication-related predictors of health-related quality of life in Medicare HMO-enrolled glaucoma patients. American Journal of Geriatric Pharmacotherapy – 1(2): 75-81, 2003.
13. **Balkrishnan R**, Cook JM, Shaffer MP, Feldman SR, Fleischer AB. Analysis of factors associated with prescription of a potentially inappropriate combination dermatological medication among US outpatient physicians Pharmacoepidemiology and Drug Safety – 13(3):133-138, 2004.
14. **Balkrishnan R**, Manuel JC, Smith BP, Camacho FT, Koman LA. Longitudinal Examination of Health Outcomes associated with Botulinum Toxin Use in Children with Cerebral Palsy. Journal of Surgical Orthopaedic Advances – 13(2):76-80, 2004.
15. **Balkrishnan R**, Feldman SR, McMichael AJ, DeHart KE, Cayce K, Fleischer AB. Racial differences in treatment of pigmentation disorders in outpatient settings: Analysis of US National Practice Data. Journal of Dermatological Treatment – 17(4): 227-230, 2004.
16. **Balkrishnan R**, Rajagopalan R, Camacho FT, Shenolikar RA, Whitmite JT, Anderson RT. Outcomes associated with introduction of thiazolidinedione therapy in Medicaid enrolled patients with type 2 diabetes mellitus: A retrospective data analysis. Current Medical Research and Opinion – 20(10): 1633-1640, 2004.
17. Kulkarni AS, **Balkrishnan R**, Camacho FT, Anderson RT, Feldman SR. Medication and health care service utilization related to depressive symptoms in older adults with psoriasis. Journal of Drugs in Dermatology – 3(6): 661-666, 2004.
18. Kulkarni AS, **Balkrishnan R**, Richmond DW, Pearce DJ, Feldman SR. Medication related factors affecting health care outcomes and costs in patients with psoriasis in the United States. Journal of the American Academy of Dermatology – 52(1):27-31, 2005.

19. **Balkrishnan R**, Nelsen LM, Kulkarni AS, Pleasants RA, Whitmire JT, Schechter MJ. Outcomes associated with initiation of different controller therapies in a Medicaid asthmatic population: a retrospective data analysis. Journal of Asthma – 42(1):39-44, 2005.
20. **Balkrishnan R**, Rasu RS, Rajagopalan R. Physician and patient determinants of the pharmacological treatment of sleep difficulties in outpatient settings in the United States. Sleep – 28(6):715-719, 2005.
21. **Balkrishnan R**, Camacho FT, Pearce DJ, Kulkarni AS, Spencer L, Fleischer AB, Feldman SR. Factors influencing prescription of ultra high potency topical corticosteroids for psoriasis treatment in US outpatient settings. Journal of Drugs in Dermatology. 4(6): 699-706, 2005.
22. Rasu R, Shenolikar RA, Nahata MC, **Balkrishnan R**. Physician and Patient Factors Associated With Prescribing of Sleep Disorder Medications in United States Outpatient Settings: An Analysis of the NAMCS 1996-2001. Clinical Therapeutics - 27(12): 1970-1979, 2005.
23. Chu-Weininger MY, **Balkrishnan R**. Satisfaction with Primary Care Provider Choice and Associated Trust. BMC Health Services Research – 6: 139 (13 printed pages), online publication, 2006.
24. Shenolikar RA, **Balkrishnan R**, Camacho FT, Whitmire JT, Anderson RT. Race and medication Adherence in Medicaid Enrollees with Type 2 diabetes. Journal of the National Medical Association – 98(7): 1071-1077, 2006.
25. Shenolikar RA, **Balkrishnan R**, Camacho FT, Anderson RT. Comparison of Medication Adherence and Associated Health Care Costs After Introduction of Pioglitazone Treatment in African American Versus All Other Races in Patients with Type 2 Diabetes Mellitus: A Retrospective Data Analysis. Clinical Therapeutics – 28(8): 1199-1207, 2006.
26. Pearce DJ, Nelson AA, Fleischer AB, **Balkrishnan R**, Feldman SR. The cost-effectiveness and cost of treatment failures associated with systemic psoriasis therapies. Journal of Dermatological Treatment – 17(1): 29-37, 2006.
27. **Balkrishnan R**, Bhosle MJ, Camacho FT, Anderson RT. Predictors of Medication Adherence and Associated Health Care Costs in an Older Population With Overactive Bladder Syndrome: A Longitudinal Cohort Study. Journal of Urology – 175(3): 1067-1071, 2006.
28. **Balkrishnan R**, Rajagopalan R, Shenolikar RA, Camacho FT, Anderson RT. Outcomes associated with introduction of thiazolidinedione therapy in Medicaid enrolled patients with type 2 diabetes: An updated and expanded

- retrospective analyses. Current Medical Research and Opinion – 22(3): 551-559, 2006.
29. **Balkrishnan R**, Kayce CA, Pearce DP, Kulkarni AS, Orsagh T, Gallagher JR, Fleischer AB, Feldman SR. Predictors of treatment choices and associated outcomes in actinic keratoses: Results from a national physician survey study. Journal of Dermatological Treatment – 17(3): 162-166, 2006.
  30. Kimmick G, Camacho FT, Foley KL, Levine E, **Balkrishnan R**, Anderson RT. Racial Differences in Patterns of Care Among Medicaid-Enrolled Patients With Breast Cancer. Journal of Oncology Practice– 2(5): 205-213, 2006.
  31. Bhosle MJ, Feldman SR, Camacho FT, Whitmire JT, Nahata MC, **Balkrishnan R**. Medication Adherence And Associated Health Care Costs With Biologics In Medicaid-Enrolled Patients With Psoriasis. Journal of Dermatological Treatment – 17(5): 294-301, 2006.
  32. Bhosle MJ, Reardon G, Camacho RT, Anderson R, **Balkrishnan R**. Medication adherence and health care costs with introduction of latanoprost therapy for glaucoma in a Medicare managed care population. American Journal of Geriatric Pharmacotherapy – 5(2):100-111, 2007.
  33. Pawaskar MD, Anderson RT, Camacho FT, Cobden D, Joshi AS, **Balkrishnan R**. Health care costs and medication adherence associated with initiation of insulin pen therapy in Medicaid-enrolled patients with type 2 diabetes: A retrospective database analysis. Clinical Therapeutics - 29(6P\*): 1294-1305, 2007.
  34. Satyaprakash A, **Balkrishnan R**, Camacho FT, Jayawant SS, Fleischer AB, Feldman SR. Quality of dermatologic care delivered by physician assistants: An analysis of clotrimazole/betamethasone propionate prescriptions. (Research Letter). Archives of Dermatology – 143(12):1591-1592, 2007.
  35. Rasu RS, Manley H, Crawford T, **Balkrishnan R**. Undertreatment of Anemia in patients with Chronic Kidney Disease in the United States: Analysis of the U.S. National Ambulatory Medical Care Survey Clinical Therapeutics – 29(7): 1524-1534, 2007.
  36. **Balkrishnan R**, Bhosle MJ, Joish VN, Rasu RS, Nahata MC. Prior authorization of newer insomnia medications in managed care: is it necessary? Journal of Clinical Sleep Medicine – 3(4):393-398, 2007.
  37. Stojanokvski S, Rasu RS, Nahata MC, **Balkrishnan R**. Trends in Medication Prescribing For Children with Sleep Disorders in US Outpatient Settings. Sleep – 30(8):1013-1017, 2007.

38. Pawaskar MD, Anderson RT, **Balkrishnan R**. Self-Reported Predictors of Depressive Symptomatology in an Elderly Population with Type 2 Diabetes Mellitus: A Prospective Cohort Study. Health and Quality of Life Outcomes – 5(1): 50 (6 printed pages), online publication, 2007.
39. Jayawant SS, Bhosle MJ, Anderson RT, **Balkrishnan R**. Depressive symptomatology, medication persistence, and associated health care costs in older adults with glaucoma Journal of Glaucoma – 16(6): 513-520, 2007.
40. Bhosle MJ, Samuel SV, Vosuri V, Paskett ED, **Balkrishnan R**. Physician and patient characteristics associated with outpatient breast cancer screening recommendations in the United States: Analysis of the National Ambulatory Medical Care Survey Data 1996-2004. Breast Cancer Research and Treatment – 103(1): 53-59, 2007.
41. Jayawant SS, Camacho FT, Anderson RT, **Balkrishnan R**. Does the use of Thiozolidinediones in older adults with Type 2 diabetes Improve Outcomes? A Database Analysis. Drug Benefit Trends – 19(Supplement B): 22-32, 2007.
42. **Balkrishnan R**, Arondekar BV, Camacho FT, Shenolikar RA, Horblyuk R, Anderson RT. Comparisons of rosiglitazone versus pioglitazone monotherapy introduction and associated healthcare utilization in Medicaid-enrolled patients with Type 2 diabetes mellitus. Clinical Therapeutics - 29(6P\*): 1306-1315, 2007. Author Reply. 30(5):986-7, 2008.
43. Jayawant SS, Feldman SR, Camacho FT, Yentzer B, **Balkrishnan R**. Prescription refills and healthcare costs associated with topical metronidazole in Medicaid enrolled patients with rosacea. Journal of Dermatological Treatment – 19(5): 267-273, 2008.
44. Pawaskar MD, Joish VN, Camacho FT, Rasu RS, **Balkrishnan R**. The Influence Of Comorbidities On Prescribing Pharmacotherapy For Insomnia: Evidence From US National Outpatient Data 1995-2004. Journal of Medical Economics – 11(1): 41-56, 2008.
45. Shenolikar RA, **Balkrishnan R**. Oral antidiabetic medication adherence and associated healthcare utilization among Medicaid-enrolled type 2 diabetes patients newly starting monotherapy. Diabetes Care – 31(2): e5, 2008 [Brief].
46. Kulkarni AS, **Balkrishnan R**, Kirsch J, Edin HM, Anderson RT, Stacy MS. Medication Adherence and Associated Outcomes in Medicare HMO-enrolled older adults with Parkinsons Disease: A longitudinal cohort study. Movement Disorders – 23(3): 359-365, 2008.
47. Navaratnam P, Jayawant SS, Pedersen CA, **Balkrishnan R**. Physician adherence to the national asthma prescribing guidelines: Evidence from

national outpatient survey data in the United States. Annals of Allergy, Asthma & Immunology – 100(3): 216-221, 2008.

48. Navaratnam P, Jayawant SS, Pedersen CA, **Balkrishnan R**. Asthma pharmacotherapy prescribing in the ambulatory population of the United States: Evidence of non-adherence to national guidelines and implications for the elderly. Journal of the American Geriatrics Society – 56(7): 1312-1317, 2008.
49. **Balkrishnan R**, Joish VN, Yang T, Jayawant SS, Mullins CD. The economic burden associated with SSRI treatment failure in a managed care population. Journal of Medical Economics – 11(4): 601-610, 2008.
50. Jermendy G on the behalf of the Hungarian RECAP Group, Erdesz D, Nagy L, Yin D, Phatak H, Karve S, Engel S, **Balkrishnan R**. Outcomes of adding second hypoglycemic drug after metformin monotherapy failure among type 2 diabetes in Hungary. Health and Quality of Life Outcomes – (Online Publication) 6(10): 88 (8 published pages), 2008.
51. Anderson RT, Girman C, Pawaskar MD, Camacho F, Calles J, Kelly W, DeMuro C, **Balkrishnan R**. Diabetes Medication Satisfaction Tool (DMSAT): A focus on treatment regimens. Diabetes Care – 32(1): 51-53, 2009.
52. **Balkrishnan R**, Pollack M, Joish VN, Asche CV, Pawaskar MD, Cziraky MJ. An Economic Evaluation of Therapeutic Alteration in the Management of Insomnia. Current Medical Research and Opinion – 25(3): 663-669, 2009.
53. **Balkrishnan R**, Phatak H, Gleim G, Karve S. Assessment of the Use of Angiotensin Receptor Blockers (ARBs) In the EU Pediatric Population for Treating Essential Hypertension. Journal of Human Hypertension – 23(6): 420-425, 2009.
54. Rasu RS, Jayawant SS, Crawford T, **Balkrishnan R**. Treatment of Anemia among Women with Chronic Kidney Disease in United States Outpatient Settings. Womens Health Issues – 19(3): 211-219, 2009.
55. Kimmick G, Anderson RT, Camacho FT, Bhosle MJ, Hwang W, **Balkrishnan R**. Adjuvant Hormonal Therapy Use Among Insured, Low-Income Women with Breast Cancer. Journal of Clinical Oncology – 27(21):3445-3451, 2009.
56. Camacho FT, Wu J, Wei W, Kimmick G, Anderson RT, **Balkrishnan R**. Cost Impact of Oral Capecitabine Compared to Intravenous Taxane Based Chemotherapy in First Line Metastatic Breast Cancer. Journal of Medical Economics - 12(3): 238-245, 2009.
57. Candrilli SD, **Balkrishnan R**, O'Brien SH. Effect of injury severity on the incidence and utilization-related outcomes of venous thromboembolism in

- pediatric trauma inpatients. Pediatric Critical Care Medicine – 10 (5): 554-557, 2009.
58. Mclaughlin JM, **Balkrishnan R**, Paskett ED, Kimmick G, Anderson RT. Patient and provider determinants associated with the prescription of adjuvant hormonal therapies following a diagnosis of breast cancer in Medicaid enrolled patients. Journal of the National Medical Association – 101(11): 1112-1118, 2009.
  59. Patel I, Chang J, Shenolikar R, **Balkrishnan R**. Medication adherence in low income elderly type 2 diabetes patients: a retrospective cohort study. International Journal of Diabetes Mellitus – 2(2): 122-124, 2010.
  60. Pawaskar MD, Burch S, Seiber E, Nahata M, Iaconi A, **Balkrishnan R**. Medicaid payment mechanisms: Impact on the medication adherence and healthcare service utilization in type 2 diabetes enrollees. Population Health Management – 13(4): 209-218, 2010.
  61. **Balkrishnan R**, Bhosle MJ, Fleischer AB, Feldman SR. Prior Authorization for Topical Psoriasis Treatments: Is it Cost-Beneficial for Managed Care? Journal of Dermatological Treatment – 21(3): 178-184, 2010.
  62. **Balkrishnan R**, Bhosle MJ, Camacho FT, Fleischer AB, Feldman SR. Prescribing Patterns for Topical Retinoids: Analyses of 15 years data from the National Ambulatory Medical Care Survey. Journal of Dermatological Treatment – 21(3): 193-200, 2010.
  63. Camacho FT, Kong M, Joish VN, Sheehan MD, **Balkrishnan R**. Expenditures Associated with Dose Titration at Initiation to Managed Care in Patients with Nonpsychotic Major Depressive Disorder. P&T – 35(8): 452-461, 2010.
  64. Wu J, Nahata MC, Seiber EE, Lacombe VA, **Balkrishnan R**. Predictors of Statin Adherence in Medicaid Patients with Type 2 Diabetes and Comorbid Hyperlipidemia. Obesity and Metabolism – 6(4): 111-116, 2010.
  65. Anderson RT, Camacho FT, Iaconi A, Tegeler C, **Balkrishnan R**. Enhancing the Effectiveness of Community Stroke Risk Screening: A Randomized Controlled Trial. Journal of Stroke and Cerebrovascular Diseases – 20(4): 330-335, 2011.
  66. Karve SJ, **Balkrishnan R**, Mohammad Y, Levine DA. Racial/Ethnic Disparities in Emergency Department Waiting Time among US Stroke Patients. Journal of Stroke and Cerebrovascular Diseases – 20(1): 30-40, 2011.

67. Candrilli SD, O'Brien SH, Ware RE, Nahata MC, Seiber EE, **Balkrishnan R**. Hydroxyurea Adherence and Associated Outcomes Among Medicaid Enrollees With Sickle Cell Disease. American Journal of Hematology – 86(2): 273-277, 2011.
68. Wu J, Nahata MC, Seiber EE, Lacombe VA, **Balkrishnan R**. Medical Utilization and Costs Associated with Statin Medication Adherence in Medicaid Enrollees with Type 2 Diabetes Annals of Pharmacotherapy – 45(3): 342-349, 2011.
69. Patel P, Lin HC, Feldman SR, Fleischer AB, **Balkrishnan R**. Medication choice and associated health care outcomes and costs for patients with acne and acne-related conditions in the United States. Journal of Drugs in Dermatology. 10(7):766-771, 2011.
70. Chang J, Patel I, Liu ST, Ortega AN, Srivastava J, Park YS, Kirk S, **Balkrishnan R**. Disparities in health care utilization among Latino children suffering from asthma in California. Pediatric Health, Medicine and Therapeutics –2(1): 1-8, 2011.
71. Lin HC, Erickson SR, **Balkrishnan R**. Antidepressant Utilization, Adherence and Health Care Spending in the United States: The Case of MDD Patients 2000-2007. Health Outcomes Research in Medicine – 2(2): 79-89, 2011.
72. Ou HT, Mukherjee B, Erickson SR, Piette JD, Bagozzi RP, **Balkrishnan R**. Comparative Performance of comorbidity indices in discriminating health related behaviours and outcomes. Health Outcomes Research in Medicine – 2(2): 91-104, 2011.
73. Lin HC, Erickson SR, **Balkrishnan R**. Physician prescribing patterns of innovative antidepressants in the United States: The Case Of MDD Patients 1993-2007. International Journal of Psychiatry in Medicine – 42(4): 355-370, 2011
74. Lin HC, Feldman SR, Lucas, **Balkrishnan R**. Medication use and associated health care outcomes and costs for patients with psoriasis in the United States. Journal of Dermatological Treatment – 23(3): 196-202, 2012.
75. Wu CH, Erickson SR, Piette JD, **Balkrishnan R**. The Association of Race, Comorbid Anxiety, and Antidepressant Adherence among Medicaid Enrollees with Major Depressive Disorder. Research in Social and Administrative Pharmacy – 8(3):193-205, 2012.
76. Kong MC, Nahata M, Seiber E, Lacombe VA, **Balkrishnan R**. Racial Differences in Perinatal Depression Among HIV-infected Women. Health Outcomes Research in Medicine – 3(2): 103-110, 2012.

77. Wu CH, Erickson SR, Piette JD, **Balkrishnan R**. Mental Health Resource Utilization and Health Care Costs Associated with Race and Comorbid Anxiety among Medicaid Enrollees with Major Depressive Disorder. Journal of the National Medical Association – 104(1/2): 78-88, 2012.
78. Davis-Ajami ML, Nahata MC, Seiber E, Reardon G, **Balkrishnan R**. Associations between joblessness and oral anti-diabetic medication adherence in US diabetic working-age adults. Health Outcomes Research in Medicine – 3(3):139-151, 2012.
79. Kong MC, Nahata M, Seiber E, Lacombe VA, **Balkrishnan R**. Association between Race, Depression, and Antiretroviral Therapy Adherence in a Low-Income Population with HIV Infection. Journal of General Internal Medicine – 27(9): 1159-1164, 2012.
80. Ou HT, Mukherjee B, Erickson SR, Piette JD, Bagozzi RP, **Balkrishnan R**. Comparative performance of comorbidity indices in predicting healthcare related behaviours and outcomes among Medicaid Enrollees with type-2 diabetes. Population Health Management – 15(4): 220-229, 2012.
81. Mclaughlin JM, Anderson RT, Seiber E, **Balkrishnan R**, Paskett ED. Effect on Survival of Longer Intervals Between Confirmed-diagnosis and Treatment Initiation among Low-income Women with Breast Cancer. Journal of Clinical Oncology – 30(36):4493-4500, 2012.
82. Karve S, Levine DA, Nahata M, Seiber E, **Balkrishnan R**. Trends in Ambulatory Prescribing of Antiplatelet Therapy among US Ischemic Stroke Patients: 2000-2007. Advances in Pharmacological Science. ;2012:846163. doi: 10.1155/2012/846163. 209.
83. Kamal A, Camacho FT, Anderson RT, **Balkrishnan R**, Kimmick G. Similar Survival with Capecitabine or Taxane in First-line Therapy for Metastatic Breast Cancer. Breast Cancer Research and Treatment – 134(1): 371-378, 2012
84. Augustine D, Nagappa A, Udupa N, Vadiraja BM, **Balkrishnan R**. Survival outcomes associated with chemotherapy treatment in a cohort of women with breast cancer in Southern India. GSTF Journal of Biosciences 2(1):1-6, 2012.
85. Karve S, **Balkrishnan R**, Seiber E, Nahata M, Levine DA. Population Trends and Disparities in Outpatient Utilization of Neurologists for Ischemic Stroke. Journal of Stroke and Cerebrovascular Disease – 22(7):938-945, 2013.
86. Chang J, Freed GL, Prosser L, Erickson SR, Bagozzi R, **Balkrishnan R**. Associations between Physician Financial Incentives and Prescribing of Anti-asthmatic Medications in Children in US Outpatient Settings. Journal of Child Health Care – 17(2):125-137, 2013.



87. Chang J, Freed GL, Prosser L, Erickson SR, Bagozzi R, **Balkrishnan R**. Comparisons of Health Care Utilization Outcomes in Children With Asthma Enrolled in Private Insurance Plans Versus Medicaid. Journal of Pediatric Health Care – 28(1): 71-79, 2014.
88. Vaidya V, Gupte R, **Balkrishnan R**. Failure to refill essential prescription medications for asthma among pediatric Medicaid beneficiaries with persistent asthma. Patient Preference and Adherence 7(1): 21-26, 2013.
89. Kaminska E, Patel I, Qureshi AA, O'Neill JL, Chang J, **Balkrishnan R**, Feldman SR. Comparing the lifetime risks of TNF-alpha inhibitor use to common benchmarks of risk. Journal of Dermatological Treatment – 24(2):101-106, 2013.
90. Tan X, Al-Dabagh A, Davis SA, Lin HC, **Balkrishnan R**, Chang J, Feldman SR. Medication Adherence, Healthcare Costs and Utilization Associated with Acne Drugs in Medicaid Enrollees with Acne Vulgaris. American Journal of Clinical Dermatology – 14(3): 243-251, 2013.
91. Feldman SR, Levi E, Pathak P, Kakatkar S, **Balkrishnan R**. Using a single product (calcipotriene/betamethasone topical suspension) vs multiple products to manage body and scalp psoriasis: comparisons in resource utilization and costs. J Med Econ. 16(12):1405-13, 2013.
92. Al-Dabagh A, Al-Dabagh R, Davis SA, Taheri A, Lin HC, **Balkrishnan R**, Feldman SR. Systemic corticosteroids are frequently prescribed for psoriasis. J Cutan Med Surg. 18(1):1-5, 2014.
93. Tan X, Davis SA, **Balkrishnan R**, Krowchuk DP, Feldman SR. Factors associated with topical retinoid prescriptions for acne. J Dermatolog Treat. 25(2):110-114, 2014.
94. Tan X, Marshall VD, **Balkrishnan R**, Patel I, Chang J, Erickson SR. Psychotropic Medication Adherence among Community-Based Individuals with Developmental Disabilities and Mental Illness. J Ment Health Res Intellect Disabil.8(1): 1-22, 2015.
95. Stein JD, Shekhawat N, Talwar N, **Balkrishnan R**. Impact of the introduction of generic latanoprost on glaucoma medication adherence. Ophthalmology. 122(4):738-747,2015.
96. Tan X, Marshall VD, Donohoe J, Camacho F, Anderson RT, **Balkrishnan R**. Medication use outcomes associated with adjuvant endocrine therapy among Appalachian breast cancer survivors. Medicine – 94(26):e1071-80, 2015.
97. Donohoe J, Marshall V, Tan X, Camacho FT, Anderson R, **Balkrishnan R**. Predicting Late-stage Breast Cancer Diagnosis and Receipt of Adjuvant

Therapy: Applying Current Spatial Access to Care Methods in Appalachia. Medical Care – 53(11):980-8, 2015.

98. Donohoe J, Marshall V, Tan X, Camacho FT, Anderson R, **Balkrishnan R**. Evaluating and comparing methods for measuring spatial access to mammography centers in Appalachia. Health Services and Outcomes Research Methodology – 16(1):22-40, 2016
99. Patel I, Erickson SR, Caldwell CH, Woolford SJ, Bagozzi RP, Chang J, **Balkrishnan R**. Predictors of medication adherence and persistence in Medicaid enrollees with developmental disabilities and type 2 diabetes. Research in Social and Administrative Pharmacy. 12(4):592-603, 2016.
100. Donohoe J, Marshall V, Tan X, Camacho FT, Anderson R, **Balkrishnan R**. Spatial Access to Primary Care Providers in Appalachia: Evaluating Current Methodology. Journal of Primary Care and Community Health – 7(3): 149-158, 2016.
101. Tan X, Camacho FT, Marshall VD, Donohoe J, Anderson RT, **Balkrishnan R**. Geographic disparities in adherence to adjuvant endocrine therapy in Appalachian women with breast cancer. Research in Social and Administrative Pharmacy 13(4):796-810, 2017.
102. Camacho FT, Tan X, Alcalá HE, Shah S, Anderson RT, **Balkrishnan R**. Impact of Patient Race and Geographical Factors on Initiation and Adherence to Adjuvant Endocrine Therapy in Medicare Breast Cancer Survivors. Medicine . 201796(24):e7147.
103. Yao N, Alcalá HE, Anderson R, **Balkrishnan R**. Cancer Disparities in Rural Appalachia: Incidence, Early Detection, and Survivorship. Journal of Rural Health. 33(4):375-381, 2017.
104. Tan X, Camacho TF, LeBaron VT, Blackhall LJ, **Balkrishnan R**. Opioid use among female breastcancer patients using different adjuvant endocrine therapy regimens. Breast Cancer Research and Treatment. 165(2):455-465, 2017.
105. Segel JE, **Balkrishnan R**, Hirth RA. The Effect of False-positive Mammograms on Antidepressant and Anxiolytic Initiation. Medical Care. 55(8):752-758, 2017.
106. Desai RA, Camacho FT, Blackhall L, LeBaron VT, **Balkrishnan R**. Mental Health Comorbidities and Elevated Risk of Opioid Use in Elderly Breast Cancer Survivors using Adjuvant Endocrine Treatments. Journal of Oncology Practice. 15(9):e777-e786, 2019.

107. LeBaron VT, Camacho F, **Balkrishnan R**, Yao NA, Gilson AM. Epidemic or Pain Crisis? Using the Virginia All Payer Claims Database to Describe Opioid Medication Prescribing Patterns and Potential Harms for Patients with Cancer. Journal of Oncology Practice. 15(12):e997-e1009, 2019.
108. Shah CH, **Balkrishnan R**, Diaby V, Xiao H. Examining factors associated with adherence to hormonal therapy in breast cancer patients. Research in Social and Administrative Pharmacy. 16(4):574-582, 2020
109. Alcalá HE, Maxwell GL, Lindsay B, Keim-Malpass J, Mitchell EM, **Balkrishnan R**. Examining HPV Vaccination Practices and Differences Among Providers in Virginia. Journal of Cancer Education. 35(1):159-164, 2020.
110. Lissenden B, **Balkrishnan R**. Does Risk Adjustment Reduce Vaccination in the Elderly? Evidence from Medicare Advantage. Medical Care Research and Review. 77(2):176-186, 2020.
111. Han Y, Saran R, Erickson SR, Hirth RA, He K, **Balkrishnan R**. Environmental and individual predictors of medication adherence among elderly patients with hypertension and chronic kidney disease: A geospatial approach Research in Social and Administrative Pharmacy. 16(3):422-430, 2020.
112. Keim-Malpass J, Anderson RT, **Balkrishnan R**, Desai RP, Showalter SL. Evaluating the Long-Term Impact of a Cooperative Group Trial on Radiation Use and Adjuvant Endocrine Therapy Adherence Among Older Women. Annals of Surgical Oncology. 27(9):3458-3465, 2020.
113. Han Y, **Balkrishnan R**, Hirth RA, Hutton DW, He K, Steffick DE, Saran R. Assessment of Prescription Analgesic Use in Older Adults With and Without Chronic Kidney Disease and Outcomes. JAMA Network Open. 3(9):e2016839, 2020.
114. Squeo G, Malpass JK, Meneveau M, **Balkrishnan R**, Desai RP, Lattimore C, Anderson RT, Showalter SL. Long-term Impact of CALGB 9343 on Radiation Utilization. Journal of Surgical Research. 256:577-583, 2020.
115. Kulkarni AA, Desai RP, Alcalá HE, **Balkrishnan R**. Persistent Disparities in Immunization Rates for the Seven-Vaccine Series Among Infants 19-35 Months in the United States. Health Equity. 16;5(1):135-139, 2021.
116. Chancellor WZ, Mehaffey JH, Desai RP, Beller J, **Balkrishnan R**, Walters DM, Martin LW. Prolonged Opioid Use Associated With Reduced Survival After Lung Cancer Resection. Annals of Thoracic Surgery. 111(6):1791-1798, 2021.

117. **Balkrishnan R**, Desai RP, Narayan A, Camacho F, Flausino L, Chammas R. Associations between initiating antihypertensive regimens on stage I-III colorectal cancer outcomes: A Medicare SEER cohort analysis. Cancer Medicine. 10(15):5347-5357, 2021.
118. Vigneshwar M, Kim SJ, Miller CA, Fuemmeler B, **Balkrishnan R**. Knowledge of the Human Papillomavirus Vaccine: An Analysis using Together for Health Virginia Population Health Survey. Virginia Journal of Public Health 5(2): Article 5, 2021.
119. Patel I, Benitez NM, Maxwell GL, Camacho FT, Balkrishnan R. HPV Vaccination in the Virginia Context: Demographic Disparities, Patient-Provider Gender Concordance and the Impact of Changing Recommendations Virginia Journal of Public Health 5(2): Article 4, 2021.
120. Kulkarni AA, Desai RP, Alcalá HE, **Balkrishnan R**. Persistent Disparities in Immunization Rates for the Seven-Vaccine Series Among Infants 19-35 Months in the United States. Health Equity. 16;5(1):135-139, 2021.
121. Rekulapelli A, Desai RP, Narayan A, Martin LW, Hall R, Lerner JM, **Balkrishnan R**. Racial and Treatment Center Differences on Time to Treatment Initiation for Nonsmall Cell Lung Cancer Patients Receiving Radiation Therapy As an Initial Treatment. Health Equity. 18;6(1):603-609, 2022.
122. Patel I, Erickson SR, Caldwell CH, **Balkrishnan R**. Racial disparities in healthcare utilization and costs in pharmacologically treated Medicaid enrollees with developmental disabilities and Type 2 diabetes. J Diab Metab Disorder. 9(1):55-64, 2023.

**B. Research Articles where I am the lead analytical/methodological expert**

123. **Balkrishnan R**, Anderson RT. Predictive power of a risk assessment questionnaire across different disease states in older adults: Results in an elderly managed-care enrolled population. American Journal of Managed Care - 7(2): 145-153, 2001.
124. Hall MA, Dugan E, **Balkrishnan R**, Bradley D. How disclosing HMO incentives affects trust. Not all cost-minimizing physician incentives are ethically troubling to patients. Health Affairs – 21(2): 197-206, 2002.
125. **Balkrishnan R**, Naughton M, Manuel J, Smith BP, and Koman LA. Parent caregiver-related predictors of health care service utilization in children with cerebral palsy enrolled in Medicaid. Journal of Pediatric Health Care – 16(2):73-78, 2002.

126. **Balkrishnan R**, Hall MA, Mehrabi D, Feldman SR, Chen GJ, and Fleischer AB. Capitation Payment, Length of Visit, and Preventative Services: Evidence from a National Sample of Outpatient Physicians. American Journal of Managed Care – 8 (4): 332-340, 2002.
127. Hall MA, Zheng B, Camacho FT, Dugan E, Kidd KE, Mishra AE, **Balkrishnan R**. Measuring Patients' Trust in their Primary Care Providers. Medical Care Research and Review - 59(3): 293-318, 2002.
128. Hall MA, Camacho FT, Dugan E, **Balkrishnan R**. Trust in the Medical Profession: Conceptual and Measurement Issues. Health Services Research – 37(5): 1419-1439, 2002
129. Camacho FT, Anderson RT, Bell RA, Goff DC, Duren-Winfeld V, Doss DD, **Balkrishnan R**. Investigating Correlates of Health Related Quality of Life in a Low-income Sample of Diabetics. Quality of Life Research – 11(12): 783-796, 2002.
130. Housman TS, Patel M, Camacho F, Feldman SR, Fleischer AB, **Balkrishnan R**. Use of a self-administered eczema severity index by Parent Caregivers: Results of a validation study British Journal of Dermatology – 147(6):1192-1198; 2002.
131. **Balkrishnan R**, Housman TS, Grummer S, Rapp SR, Clarke J, Feldman SR, Fleischer AB. The family impact of Atopic Dermatitis in children. The role of the parent caregiver. Pediatric Dermatology – 20(1):5-10, 2003.
132. Manuel J, Naughton M, **Balkrishnan R**, Smith B, Koman LA. Stress and adaptation in mothers of children with cerebral palsy. Journal of Pediatric Psychology – 28(3):197-201, 2003.
133. Barkin SL, **Balkrishnan R**, Manuel J, Andersen RM, Gelberg L. Health care utilization among homeless adolescents and young adults. Journal of Adolescent Health – 32(4):253-256, 2003.
134. **Balkrishnan R**, Housman TS, Carroll C, Feldman SR, Fleischer AB. Disease severity and associated family impact in Childhood Atopic Dermatitis. Archives of Disease in Childhood – 88(5):423-427, 2003.
135. **Balkrishnan R**, Housman TS, Allen B, McMichael AJ. Predictors of Health-related Quality of Life in Women with Melasma. Cosmetic Dermatology – 16(4):25-30, 2003.
136. Anderson RT, **Balkrishnan R**, Camacho FT, Bell RA, Duren-Winfeld V, Goff DC. Patient-Centered Outcomes of Diabetes Self Care: Associations with Satisfaction and General Health in a Community Clinic Setting. North Carolina Medical Journal – 64(2): 58-65, 2003.

137. Manuel J, **Balkrishnan R**, Camacho FT, Smith BP, Koman LA. Family Factors and Self-Esteem in Adolescents with Cerebral Palsy Journal of Adolescent Health – 32(6):456-458, 2003.
138. **Balkrishnan R**, Manuel J, Clarke J, Carroll CL, Housman TS, Fleischer AB. Effects of an episode of specialist care on the impact of childhood atopic dermatitis on the child's family. Journal of Pediatric Health Care – 17(4):184-189, 2003.
139. Housman TS, Williford PM, Feldman SR, Fleischer AB, **Balkrishnan R**, Chen GJ. Non-Melanoma Skin Cancer: An Episode of Care Management Approach Dermatologic Surgery- 29(7):700-711, 2003.
140. Pettey AA, **Balkrishnan R**, Rapp SR, Fleischer AB, Feldman SR. Patients with palmoplantar psoriasis have more physical disability and discomfort than patients with other forms of psoriasis: Implications for clinical practice. Journal of the American Academy of Dermatology- 49(2):271-275, 2003.
141. Gupta AK, Cooper EA, Feldman SR, Fleischer AB, **Balkrishnan R**. Analysis of factors associated with increased prescription illegibility: results from the National Ambulatory Medical Care Survey, 1990-1998. American Journal of Managed Care - 9(8):548-552, 2003
142. **Balkrishnan R**, Dugan E, Camacho FT, Hall MA. Trust and satisfaction with physicians, insurers, and the medical profession. Medical Care – 41(9):1058-1064, 2003.
143. **Balkrishnan R**, McMichael AJ, Camacho FT, Saltzberg F, Housman TS, Grummer S, Feldman SR, Chren MM. Development and validation of a health-related quality of life instrument for women with melasma. British Journal of Dermatology – 149(3):572-577, 2003.
144. **Balkrishnan R**, Carroll CL, Camacho FT, Feldman SR. Electronic monitoring of medication adherence in skin disease: Results of a pilot study in psoriasis. Journal of the American Academy of Dermatology – 49(4):651-654, 2003.
145. **Balkrishnan R**, Fleischer AB, Paruthi S, Feldman SR. Physicians Underutilize Topical Retinoids in the Management of Acne Vulgaris: Analysis of U.S. National Practice Data Journal of Dermatological Treatment – 14(3):
146. Parks L, **Balkrishnan R**, Hamel-Gariepy L, Feldman SR. The Importance of Skin Disease as Assessed by “Willingness-To-Pay” Journal of Cutaneous Medicine and Surgery – 7(5):369-371, 2003.
147. **Balkrishnan R**, Gill IK, Vallee JA, Feldman SR. No Smoking Gun: Findings from a National Survey of Office-Based Cosmetic Surgery Adverse Event Reporting. Dermatologic Surgery – 29(11): 1093-1099, 2003.

148. Carroll CL, **Balkrishnan R**, Khanna V, Feldman SR. Bioterrorism Preparedness in the Dermatology Community. Archives of Dermatology – 139(12): 1657-58, 2003.
149. Barkin S, **Balkrishnan R**, Manuel J, Hall MA. Effect of Language Immersion on communication with Latino Patients. North Carolina Medical Journal – 64(6): 258-262, 2003.
150. Anderson RT, **Balkrishnan R**, Camacho FT. Risk classification of Medicare HMO enrollee cost levels using a decision-tree approach. American Journal of Managed Care – 10(2): 89-98, 2004.
151. McMichael AJ, Shew KR, Cayce KA, **Balkrishnan R**, Feldman SR, Rapp SR. Facial Blemishes and Quality of Life. Cosmetic Dermatology – 17(2): 107-114, 2004.
152. Feldman SR, Camacho FT, Williford PM, Siegel DM, **Balkrishnan R** Fleischer AB. Patients spend more time with the physician for excision of amalignant skin lesion than for excision of a benign skin lesion. Dermatologic Surgery – 30(3): 351-354, 2004.
153. Anderson RT, Skovlund SE, Marrero D, Levine D, Meadows K, Brod M, **Balkrishnan R**. Development and validation of the Insulin Treatment Satisfaction Questionnaire (ITSQ) Clinical Therapeutics – 26(4):565-578, 2004.
154. **Balkrishnan R**, Kelly AP, McMichael AJ, Torok H. Improved Quality of Life with Effective Treatment of Facial Melasma: The PIGMENT trial. Journal of Drugs in Dermatology – 3 (4): 377-381, 2004.
155. **Balkrishnan R**, Hall MA, Blackwelder S, Bradley D. Trust in Insurers and Access to Physicians: Changes over time and associated enrollee behaviors. Health Services Research – 39(4): 813-823, 2004.
156. Pearce DJ, Spencer L, Hu JY, **Balkrishnan R**, Fleischer AB, Feldman SR. Class I Topical Corticosteroid Use by Psoriasis Patients in an Academic Practice. Journal of Dermatological Treatment – 17(4): 235-238, 2004.
157. Vogel CA. **Balkrishnan R**, Fleischer AB, Cayce KA Feldman SR. Over-the-counter topical skin products: A common component of skin disease management. Cutis – 74(1): 55-67, 2004.
158. Carroll CL, Feldman SR, Camacho FT, Manuel JC, **Balkrishnan R**. Adherence to topical therapy decreases during the course of an 8-week psoriasis clinical trial: commonly used methods of measuring adherence to topical therapy overestimate actual use. Journal of the American Academy of Dermatology – 51(2):212-216, 2004.

159. Greisinger AJ, **Balkrishnan R**, Shenolikar RA, Wehmanen OA, Muhammad S, Champion PK. Diabetes care management participation in a primary care setting and subsequent hospitalization risk Population Health Management – 7(4):325-332, 2004.
160. Carroll CL, Camacho FT, Feldman SR, **Balkrishnan R**. Better Medication Adherence Results in Greater Improvement in Severity of Psoriasis British Journal of Dermatology – 151(4):895-897, 2004.
161. Shenolikar RA, **Balkrishnan R**, Hall MA. How critical patient physician interactions affect trust: Results of a national survey. BMC Health Services Research – 4(1):24 (Online Publication), 2004.
162. Hancox JG, Venkat AP, Hill A, Graham GF, Williford PM, Coldiron B, Feldman SR, **Balkrishnan R**. Why are there differences in the perceived safety of office-based surgery?. Dermatologic Surgery – 30(11): 1377-1379, 2004.
163. Coldiron B, Shreve E, **Balkrishnan R**. Patient injuries from surgical procedures performed in medical offices: Three years of Florida data. Dermatologic Surgery – 30(12):1435-1443, 2004.
164. Venkat AV, Coldiron B, **Balkrishnan R**, Camacho FT, Hancox JG, Fleischer AB, Feldman SR. Similar mortality rates in physician offices and ambulatory surgery centers: A reappraisal of Florida adverse event data. Dermatologic Surgery – 30(12): 1444-1453,2004.
165. Kuo G, Weiss LT, Hawley ST, **Balkrishnan R**, Volk RJ. Herbal Use Among Urban Multi-Ethnic Primary Care Patients. BMC Complementary and Alternative Medicine- 4(1):18 (Online Publication), 2004.
166. Hu JY, **Balkrishnan R**, Camacho FT, Lang W, Pearce DJ, Fleischer AB, Feldman SR. Retrospective Study of the Use of Acitretin: Frequent Use in Combination with Other Treatments. Journal of Cutaneous Medicine and Surgery – 8(6): 411-414, 2004.
167. Carroll CL, Clarke J, Camacho FT, **Balkrishnan R**, Feldman SR. Topical Tacrolimus Ointment Combined with 6% Salicylic Acid Gel for Plaque Psoriasis Treatment. Archives of Dermatology – 141(1):43-46, 2005.
168. Barshes NR, Lee TC, Goodpastor SE, **Balkrishnan R**, Schock AP, Mote A, Brunicardi FC, Alejandro R, Ricordi C, Goss JA. Transaminitis following pancreatic islet transplantation. Journal of the American College of Surgeons – 200(3):353-361, 2005.



169. **Balkrishnan R**, Jurgensmeyer JC, Shenolikar RA, Fleischer AB, Feldman SR. Prescribing Patterns for Topical Retinoids within NAMCS Data. Journal of Drugs in Dermatology – 4(2):172-179, 2005.
170. Hite RD, Seeds MD, Bowton DL, Grier BL, Safta AM, **Balkrishnan R**, Waite BM, Bass DA. Surfactant Phospholipid changes after Antigen Challenge: A Role for Phosphatidylglycerol in Dysfunction. American Journal of Physiology – 288(4):L610-L617, 2005.
171. **Balkrishnan R**, McMichael AJ, Hu JY, Camacho FT, Kaur M, Bouloc A, Rapp SR, Feldman SR. Corrective Cosmetics Improve the Quality of Life of Women with Facial Pigmentary Disorders. Cutis – 75(3):181-187, 2005.
172. McCall BP, Horwitz IB, Feldman SR, **Balkrishnan R**. Incidence rates, costs, severity, and work related factors of occupational dermatitis: A workers compensation analysis of Oregon 1990-97. Archives of Dermatology – 141(6):713-718, 2005.
173. Venkat AV, Kulkarni AS, Scheinfeld NS, **Balkrishnan R**, Feldman SR. Health insurance benefit limits: An analysis of the impact on psoriasis treatment. Journal of the American Academy of Dermatology – 53(1):140-142, 2005.
174. Barshes NR, Vanatta JC, Inman S, Mote A, Schock AP, **Balkrishnan R**, Brunnicardi FC, Goss JA. Health-related quality of life after pancreatic islet transplantation: a longitudinal study. Transplantation – 79(12):1727-1730, 2005.
175. Cayce KA, Krowchuk DP, Feldman SR, Camacho FT, **Balkrishnan R**, Fleischer AB. Healthcare Utilization for Acute and Chronic Diseases of Young, School-age Children in the Rural and Non-rural Setting. Clinical Pediatrics – 44(6):491-498, 2005.
176. Nelson AA, Pearce DJ, Fleischer AB Jr, **Balkrishnan R**, Feldman SR. Inpatient management of severe psoriasis. Journal of Drugs in Dermatology. 4(5):564-570, 2005.
177. Coldiron B, Fisher AH, Adelman E, Yelverton CB, **Balkrishnan R**, Feldman MA, Feldman SR. Adverse event reporting: lessons learned from 4 years of Florida office data. Dermatologic Surgery. 31(9):1079-1092, 2005.
178. Hancox JG, **Balkrishnan R**, Battle J, Housman TS, Fleischer AB Jr, Feldman SR. Limited availability of psoriasis and phototherapy care: an analysis of advertisements. Dermatology Online Journal. 11(2):6, 2005 (Online publication).

179. Barshes ND, Lee TC, **Balkrishnan R**, Karpen SJ, Carter BA, Goss JA. Orthotopic Liver Transplantation for Biliary Atresia: the US Experience. Liver Transplantation – 11(10):1193-1200, 2005.
180. Graham GF, Camacho FT, Rosenborough I, Taylor S, Gratton B, **Balkrishnan R**, Feldman SR, Graham JH. Patients with solar keratoses of the trunk and lower extremity are at high risk of development of skin cancer. Clinical and Experimental Dermatology – 30(6): 717-718, 2005.
181. Thevarajah S, **Balkrishnan R**, Camacho FT, Feldman SR, Fleischer AB. Trends In Prescription Of Acne Medication In The US: Evidence For Effects Of Microbial Resistance On Prescribing Behavior. Journal of Dermatological Treatment – 16(4):224-228, 2005.
182. Ziel K, Yelverton CB, **Balkrishnan R**, Feldman SR. Cumulative Irritation Potential of Metronidazole Gel Compared to Azelaic Acid Gel after Repeated Applications to Healthy Skin. Journal of Drugs in Dermatology. 4(6): 727-731, 2005.
183. Pearce DJ, McGowan J, **Balkrishnan R**, Richmond D, Chen GJ, Feldman SR. The skinny on psoriasis and obesity. Archives of Dermatology – 141(12):1601-1602, 2005.
184. Pearce DJ, Morrison AE, Higgins KB, Crane MM, **Balkrishnan R**, Fleischer AB Jr, Feldman SR. The comorbid state of psoriasis patients in a university dermatology practice. Journal of Dermatological Treatment – 16(5/6): 319-323, 2005.
185. **Balkrishnan R**, McMichael AJ, Hu JY, Camacho FT, Shew KR, Bouloc A, Rapp SR, Feldman SR. Correlates of Health-related Quality of Life in Women with Severe Facial Blemishes. International Journal of Dermatology – 45(2): 111-115, 2006.
186. Yelverton CB, Kulkarni AS, **Balkrishnan R**, Feldman SR. Home UVB Phototherapy is a Less Costly Alternative for Treating Patients with Severe Psoriasis. Managed Care Interface – 19(1): 33-39, 2006.
187. Barshes NR, Lee TC, **Balkrishnan R**, Karpen SJ, Quiros-Tejeira RE, Carter BA, Goss JA. Risk stratification of patients undergoing orthotopic liver transplantation for fulminant hepatic failure. Transplantation – 81(2): 195-201, 2006.
188. Pearce DJ, Singh S, **Balkrishnan R**, Kulkarni AS, Fleischer AB, Feldman SR. The negative impact of psoriasis on the workplace. Journal of Dermatological Treatment – 17(1): 24-28, 2006.
189. Durant RH, Wolfson M, Lafrance B, **Balkrishnan R**, Altman D. An Evaluation of a Mass Media Campaign to Encourage Parents of

- Adolescents to Talk to Their Children About Sex. Journal of Adolescent Health – 38(3): 298e1-298e9, 2006.
190. **Balkrishnan R**, Kulkarni AS, Richmond DA, Cayce KA, Feldman SR. Predictors of health care outcomes and costs related to medication use in patients with acne in the United States. Cutis – 77(4):251-255, 2006.
191. Pearce DJ, Stealey KH, **Balkrishnan R**, Fleischer AB, Feldman SR. Psoriasis Treatment in the U.S. at the end of the 20th Century. International Journal of Dermatology – 45(4): 370-374, 2006.
192. Krejci-Manwaring J, McCarty MA, Camacho F, Carroll CL, Johnson K, Manuel J, **Balkrishnan R**, Hartle J, Fleischer A Jr, Feldman SR. Adherence with topical treatment is poor compared with adherence with oral agents: implications for effective clinical use of topical agents. Journal of the American Academy of Dermatology –54(5):S235-S236, 2006.
193. Dominiguez AR, **Balkrishnan R**, Ellzey AR, Pandya AG. Melasma in Latina patients: Cross-cultural adaptation and validation of a quality-of-life questionnaire in Spanish language. Journal of the American Academy of Dermatology – 55(1):59-66, 2006.
194. Simpson JF, Yelverton CB, **Balkrishnan R**, Fleischer AB, Lide W, Feldman SR. Would Elimination of Co-Payments of Phototherapy Decrease the Cost of Treating Patients with Systemic Biologics?: A Cost analysis. Managed Care Interface – 19(6): 39-43, 2006.
195. Horwitz IB, McCall BP, Feldman SR. **Balkrishnan R**. Surveillance and Assessment of Occupational Dermatitis using Rhode Island Workers' Compensation Data 1998-2002. Journal of the American Academy of Dermatology – 55(2): 361-363, 2006.
196. Yelverton CB, **Balkrishnan R**, Feldman SR. The Utility of a Data Logging Device for Measuring Adherence to Home Phototherapy. Photodermatology, Photoimmunology & Photomedicine. 22(5):270-272, 2006.
197. Nelson AA, Miller AD, Fleischer AB, **Balkrishnan R**, Feldman SR. How much of a topical agent should be prescribed for children of different sizes? Journal of Dermatological Treatment – 17(4): 224-228, 2006.
198. Tusa M, Ladd M, Kaur M, Feldman SR, **Balkrishnan R**. Adapting electronic adherence monitors to standard packages of topical medications. Journal of the American Academy of Dermatology – 55(5): 886-887, 2006.
199. Pearce DJ, Higgins KB, Stealey KH, **Balkrishnan R**, Crane MM, Camacho FT, Fleischer AB, Feldman SR. Adverse events from systemic therapies for psoriasis are common in clinical practice. Journal of Dermatological Treatment – 17(5): 288-293, 2006.

200. Pearce DJ, Camacho F, **Balkrishnan R**, Fleischer AB Jr, Feldman SR. Trends in On and Off-label Calcipotriene Use. Journal of Dermatological Treatment – 17(5): 308-313, 2006.
201. Pearce DJ, Lucas J, Wood B, Chen GJ, **Balkrishnan R**, Feldman SR. Death from psoriasis: Representative data from the United States. . Journal of Dermatological Treatment – 17(5): 308-313-293, 2006.
202. Bivens MM, Bhosle, MJ, **Balkrishnan R**, Camacho FT, Feldman SR, Fleischer AB. Non-melanoma Skin Cancer: Is The Incidence Really Increasing among Patients Younger than 40? A Re-examination Using 25 years of US Outpatient Data. Dermatologic Surgery - 32(12): 1372-1379, 2006.
203. Cestari TF, **Balkrishnan R**, Weber MB, Prati C, Menegon DB, Mazzotti NG, Troian C. Translation and cultural adaptation to portuguese of a quality of life questionnaire for patients with melasma. Medicina Cutanea 34(6): 270-274, 2006.
204. Faulk LA, Khanna V, McMichael AJ, Feldman SR, Bhosle M, **Balkrishnan R**. An educational brochure helps improve patients' understanding of resident's role and level of training. Journal of the American Academy of Dermatology – 56(1): 165-167, 2007.
205. Krejci-Manwaring J, Tusa MG, Carroll CL, Kaur M, Camacho FT, **Balkrishnan R**, Feldman SR. Stealth Monitoring of Adherence to Topical Medication: Adherence is Very Poor in Children with Atopic Dermatitis. Journal of the American Academy of Dermatology – 56(2): 211-216, 2007.
206. Foley KL, Camacho F, Levine E, Kimmick G, **Balkrishnan R**, Anderson RT. The Influence of Radiation Therapy on Survival among Low-Income Breast Cancer Patients Treated with Breast Conserving Surgery. Breast Cancer Research and Treatment – 101(2): 207-214, 2007.
207. Anderson RT, Camacho FT, **Balkrishnan R**. Willing to Wait: The Influence of Patient Wait Time on Satisfaction with Primary Care. BMC Health Services Research – 7: 31 (5 printed pages), online publication, 2007.
208. Krejci-Manwaring J, McCarthy A, Camacho F, **Balkrishnan R**, Hartle J, Feldman SR. Comparison of different compliance behaviors in a clinical trial. Cutis – 79(5): 379-381, 2007.
209. Statton FS, Bhosle MJ, Camacho FT, Feldman SR, **Balkrishnan R**. The role of physician assistants in providing access to care in underserved populations: Analysis of United States outpatient data. Journal of the American Academy of Physician Assistants – 20(6): 32-36, 2007.

210. Feldman SR, Camacho FT, Krejci-Manwaring J, Carroll CL, **Balkrishnan R**. Adherence to topical therapy increases around the time of office visits. Journal of the American Academy of Dermatology – 57(1): 81-83, 2007.
211. McMichael AJ, Wasserman DI, Pearce DJ, Camacho FT, Fleischer AB, Feldman SR, **Balkrishnan R**. Alopecia Areata: Outpatient Utilization and Common Prescribing Patterns in the United States. Journal of the American Academy of Dermatology – 57(2): s49-s51, 2007.
212. Pawaskar MD, Satiani B, **Balkrishnan R**, Starr JE. Economic Evaluation of Carotid Angioplasty and Stenting versus Carotid Endarterectomy for the Treatment of Carotid Artery Stenosis: A Provider's Perspective. Journal of the American College of Surgeons – 205(3): 413-419, 2007.
213. Fosse K, Kurtz E, Khanna V, Camacho F, **Balkrishnan R**, Feldman SR. A practice brochure is a complement to, not a supplement for, a good physician-patient interaction. (Research Letter). Archives of Dermatology – 143(11): 1447, 2007.
214. Kong MC, Camacho FT, Feldman SR, Anderson RT, **Balkrishnan R**. Correlates of patient satisfaction with physician visits: Differences between elderly and non-elderly survey respondents. Health and Quality of Life Outcomes – 5(1): 62, 6 printed pages, online publication, 2007.
215. Nelson AA, Pearce DJ, Fleischer AB, **Balkrishnan R**, Feldman SR. Cost-effectiveness of biologic treatments for psoriasis based on subjective and objective efficacy measures assessed over a 12-week treatment period. Journal of the American Academy of Dermatology – 58(1): 125-135, 2008.
216. Uhas AA, Camacho FT, Feldman SR, **Balkrishnan R**. The relationship between physician empathy and satisfaction with primary care physicians: Findings from an internet based survey. The Patient – 1(2): 91-96, 2008.
217. Pawaskar MD, **Balkrishnan R**, Kiser D, Gray M, Satiani B. Work Flow Analysis: Evaluation of Conventional Mobile Vs Portable Ultrasound Scanners in Noninvasive Vascular Laboratory. Journal of Vascular Ultrasound – 32(2): 85-88, 2008.
218. Awadalla FC, **Balkrishnan R**, Feldman SR. The distress of psoriasis doesn't necessarily imply good treatment adherence: A lesson from the treatment of sexually transmitted disease. Journal of Dermatological Treatment – 19(3): 132-133, 2008.
219. Taylor A, Pawaskar MD, Taylor SL, **Balkrishnan R**, Feldman SR. Prevalence of Pigmentary Disorders and their Impact on Quality of Life: A Prospective Cohort Study. Journal of Cosmetic Dermatology – 7(2): 164-168, 2008.

220. Yelverton CB, Yentzer BA, Pearce DJ, Camacho FT, Clark A, Fleischer AB, **Balkrishnan R**, Feldman SR. Low Dose Acitretin in Combination with Home Narrow Band UVB Phototherapy in Patients with Moderate to Severe Psoriasis. Archives of Dermatology – 144(9): 1224-1225, 2008.
221. Yentzer BA, Yelverton CB, Pearce DJ, Camacho FT, Clark A, Fleischer AB, **Balkrishnan R**, Feldman SR. Adherence to acitretin and home narrowband ultraviolet phototherapy in patients with psoriasis. Journal of the American Academy of Dermatology – 59(4): 577-583, 2008.
222. Anderson RT, Kimmick G, Camacho F, Whitmire JT, Dickinson C, Levine E, Torti F, **Balkrishnan R**. Health System Correlates of Receipt of Radiation after Breast Conserving Surgery: A study of low-income Medicaid-enrolled women. American Journal of Managed Care – 14(10): 644-652, 2008.
223. Brown KL, Krejci-Manwaring J, Tusa MG, Camacho F, Fleischer AB Jr, **Balkrishnan R**, Feldman SR. Poor compliance with topical corticosteroids for atopic dermatitis despite severe disease. Dermatology Online Journal. (Online Publication) 14(9): 13, 2008.
224. Camacho FT, Feldman SR, **Balkrishnan R**, Kong MC, Anderson RT. Validation and Reliability of Two Specialty Care Satisfaction Scales. American Journal of Medical Quality – 24(1): 12-18, 2009.
225. Kulkarni AS, Horn E, **Balkrishnan R**, Feldman SR. Severity levels in psoriasis: A separate "very severe" category not required. Journal of Dermatological Treatment – 20(1): 1-3, 2009.
226. Dogramaci AC, Havlucu DY, Inandi T, **Balkrishnan R**. Validation of a melasma quality of life questionnaire for Turkish language: The Melasqol-TR study. Journal of Dermatological Treatment – 20(2): 95-99, 2009.
227. Yentzer BA, Alikhan A, Teuscher B, Williams L, Tusa M, Fleischer AB, Kaur M, **Balkrishnan R**, Feldman SR. An Exploratory Study of Adherence to Topical Benzoyl Peroxide in Patients with Acne Vulgaris. Journal of the American Academy of Dermatology – 60(5): 879-80, 2009.
228. Yentzer BA, Yelverton CB, Simpson GL, Simpson JF, Hwang W, **Balkrishnan R**, Feldman SR. Paradoxical effects of cost reduction measures in managed care systems for treatment of severe psoriasis. Dermatology Online Journal. 15;15(4), 2009. Online Publication.
229. Sogaro-Robinson C, Lacombe VA, Reed SM, **Balkrishnan R**. Factors predictive of abnormal results for computed tomography of the head in horses affected by neurologic disorders: 57 cases (2001-2007). Journal of the American Veterinary Medical Association – 235(2):176-183, 2009.

230. Dharamsi JW, Bhosle MJ, **Balkrishnan R**, Yentzer BA, Feldman SR. Using “number needed to treat” to help conceptualize the magnitude of benefit and risk of TNFA inhibitors for patients with severe psoriasis. British Journal of Dermatology – 161(3): 605-616, 2009.
231. Bolge SC, **Balkrishnan R**, Kannan H, Seal B, Drake CL. Burden Associated with Chronic Sleep Maintenance Insomnia Characterized by Nighttime Awakenings Among Women with Menopausal Symptoms. Menopause – 17(1): 80-86, 2010.
232. Bolge SC, Joish VN, **Balkrishnan R**, Kannan H, Drake CL. Burden of Chronic Sleep Maintenance Insomnia Characterized by Nighttime Awakenings. Population Health Management – 13(1): 15-20, 2010.
233. Coloe JR, Diab M, Moennich J, Diab D, Pawaskar M, **Balkrishnan R**, Bechtel MA. Tinea capitis among children in the Columbus area, Ohio, USA. Mycoses – 53(2): 158-162, 2010.
234. Zammit GK, Joish VN, Kong MC, **Balkrishnan R**, Lerner D, Rosekind M. Impact of nighttime awakenings on worker productivity and performance. Journal of Occupational and Environmental Medicine. 52(5):513-518, 2010.
235. Bolge SC, Joish VN, **Balkrishnan R**, Kannan H, Drake CL. Burden of Chronic Sleep Maintenance Insomnia Characterized by Nighttime Awakenings Among Anxiety and Depression Sufferers: Results of A National Survey. Primary Care Companion to Journal of Clinical Psychiatry 12(2): e1-e7, 2010.
236. Min H, Chang J, **Balkrishnan R**. Sociodemographic risk factors of diabetes and hypertension prevalence in South Korea. International Journal of Hypertension – Volume 2010, Article ID 410794, 6 pages  
doi:10.4061/2010/410794
237. Khan AA, Wu J, Yentzer B, **Balkrishnan R**, Feldman SR. Cost Effectiveness of a Hydroquinone/Tretinoin/Fluocinolone Acetonide Cream Combination in Treating Melasma in the United States. Journal of Dermatological Treatment – 21(5): 276-281, 2010.
238. Yentzer BA, Hick J, Reese EL, Uhas AA, Feldman SR, **Balkrishnan R**. Acne Vulgaris in the United States: A Descriptive Epidemiology. Cutis – 86(8): 94-99, 2010.
239. Patel I, Chang J, Srivastava J, Feldman S, Levender M, **Balkrishnan R**. Patient satisfaction with obstetricians and gynecologists compared with other specialties: analysis of US self-reported survey data. Patient Related Outcome Measures – 2(1): 21-26, 2011.

240. Iaconi A, Chang J, Feldman SR, **Balkrishnan R**. Toward Continuous Primary Care in the United States: Differences in Patient Satisfaction Between First and Return Visits to Primary Care Physicians/ Analysis of DrScore—The National e-Survey Data. Journal of Primary Care & Community Health – 2(2): 127-132, 2011.
241. Yentzer BA, Gosnell AL, Clark AR, Pearce DJ, **Balkrishnan R**, Camacho FT, Young TA, Fountain JM, Fleischer AB Jr, Colón LE, Johnson LA, Preston N, Feldman SR. A randomized controlled pilot study of strategies to increase adherence in teenagers with acne vulgaris. Journal of the American Academy of Dermatology. 64(4):793-795, 2011.
242. Tehrani AB, Feldman SR, Camacho FT, **Balkrishnan R**. Patient satisfaction with outpatient medical care in the United States. Health Outcomes Research in Medicine – 2(4): 197-202, 2011.
243. Adolph M, Wu J, Feldman SR, **Balkrishnan R**. Who Will Take Care of Us? Exploring Differences in Respondents' Satisfaction with Primary Care vs. Specialty Care Physicians. Health Outcomes Research in Medicine – 3(1): 3-10, 2012.
244. Ahmad A, Parimalakrishnan S, Patel I, Praveen Kumar NVR, **Balkrishnan R**, Mohanta GP. Evaluation of Self-Medication Antibiotics Use Pattern Among Patients Attending Community Pharmacies in Rural India, Uttar Pradesh. Journal of Pharmacy Research. 5(2),765-768, 2012.
245. Chang J, Patel I, Lin HC, Kim S, **Balkrishnan R**. Does State's Budget Cut Pressure Matter for Uncompensated Care Spending in Hospitals? Findings from Texas and California. International Journal of Health Planning and Management – 27(2): 88-103, 2012.
246. Sher L, Patel I, Chang J, **Balkrishnan R**, Fleischer AB. Comparative effectiveness of topical and systemic therapies in relieving the pruritus of atopic dermatitis: a meta-analysis. Acta Dermato-Venerologica, 92(5):455-461, 2012.
247. Ahmad A, Patel I, Parimalakrishnan S, Mohanta GP, Parchuri A, **Balkrishnan R**. Assessment of medication errors in among patients visiting community pharmacies in rural areas of Chidambaram, Tamil Nadu at South India: A prospective study. International Journal of Pharmacy 3(1): 53-58, 2012.
248. Ahmad A, Patel I, **Balkrishnan R**, Mohanta GP, Manna PK. An evaluation of knowledge, attitude and practice of Indian pharmacists towards adverse drug reaction reporting: A pilot study. Perspect Clin Res. 4(4):204-10, 2013.



249. Lin HC, Alamdari HS, Huang KE, Gustafson CJ, Davis SA, **Balkrishnan R**, Feldman SR. Prevalence of psoriasis and rosacea comorbidities in the outpatient setting. J Cutan Med Surg. 17(5):295-298, 2013.
250. Lee S, Ko J, Tan X, Patel I, **Balkrishnan R**, Chang J. Markov Chain Modelling Analysis of HIV/AIDS Progression: A Race-based Forecast in the United States. Indian J Pharm Sci. 76(2):107-15, 2014.
251. Park C, Tan X, Patel IB, Reiff A, **Balkrishnan R**, Chang J. Racial Health Disparities Among Special Health Care Needs Children With Mental Disorders: Do Medical Homes Cater to Their Needs? J Prim Care Community Health. 5(4): 253-262, 2014.
252. Gatwood J, **Balkrishnan R**, Erickson SR, An LC, Piette JD, Farris KB. Addressing medication nonadherence by mobile phone: Development and delivery of tailored messages. Res Social Adm Pharm. 10(6): 809-823, 2014.
253. Davis SA, Lin HC, Yu CH, **Balkrishnan R**, Feldman SR. Underuse of Early Follow-up Visits: A Missed Opportunity to Improve Patients' Adherence. J Drugs Dermatol. 13(7):833-836, 2014.
254. Mateti UV, Nagappa AN, **Balkrishnan R**. Why angiotensin converting Enzyme inhibitors and angiotensin II receptor blockers are not prescribed in the management of hypertension among hemodialysis patients in India. J Basic Clin Pharm. 5(2):56, 2014.
255. Ahmad A, Patel I, Mohanta G, **Balkrishnan R**. Evaluation of self medication practices in rural area of town Sahaswan at northern India. Ann Med Health Sci Res. 4(Suppl 2):S73-78, 2014.
256. Ahmad A, Patel I, Sanyal S, **Balkrishnan R**, Mohanta GP. A study on drug safety monitoring program in India. Indian J Pharm Sci. 76(5):379-386, 2014.
257. Lin HC, Hunnicutt JN, Moustafa FA, Rohr AL, Huang KE, **Balkrishnan R**, Feldman SR. Pharmacological Treatments in Pregnant Women with psoriasis in the United States. Br J Dermatol. 172(3):807-810, 2015.
258. Mateti UV, Lalwani T, Nagappa AN, Bhandary PV, Verupaksha D, **Balkrishnan R**. Assessment of drug-related problems in depressive patients. Perspect Clin Res. 6(1):58-6, 2015.
259. Saran R, Li Y, Robinson B, Ayanian J, **Balkrishnan R**, Bragg-Gresham J, et al. US Renal Data System 2014 Annual Data Report: Epidemiology of Kidney Disease in the United States. American Journal of Kidney Disease. 66(1 Suppl 1):Svii, S1-305, 2015.

260. Mateti UV, Nagappa AN, Attur RP, Nagaraju SP, Mayya SS, **Balkrishnan R**. Cross-cultural adaptation, validation and reliability of the South Indian (Kannada) version of the Kidney Disease and Quality of Life (KDQOL-36) instrument. Saudi J Kidney Dis Transpl. 26(6):1246-52, 2015.
261. Davis SA, Lin HC, **Balkrishnan R**, Feldman SR. Hidradenitis Suppurativa Management in the United States: An Analysis of the National Ambulatory Medical Care Survey and MarketScan Medicaid Databases. Skin Appendage Disord. 1(2):65-73, 2015.
262. Mateti UV, Nagappa AN, Attur RP, Bairy M, Nagaraju SP, Mallayasamy S, Vilakkathala R, Guddattu V, **Balkrishnan R**. Preparation, validation and user-testing of pictogram-based patient information leaflets for hemodialysis patients. Saudi Pharm J. 23(6):621-5, 2015.
263. Tan X, Marshall VD, **Balkrishnan R**, Patel I, Chang J, Erickson SR. Psychotropic Medication Adherence among Community-Based Individuals with Developmental Disabilities and Mental Illness. Journal of Mental Health Research in Intellectual Disabilities 8(1):1-22, 2015.
264. Hester C, Park C, Chung J, **Balkrishnan R**, Feldman S, Chang J. Medication Adherence in Children and Adolescents with Acne Vulgaris in Medicaid: A Retrospective Study Analysis. Pediatric Dermatology. 33(1):49-55, 2016.
265. Sarkar R, Garg S, Dominguez A, **Balkrishnan R**, Jain RK, Pandya AG. Development and validation of a Hindi language health-related quality of life questionnaire for melasma in Indian patients. Indian J Dermatol Venereol Leprol. 82(1):16-22, 2016.
266. Gatwood J, **Balkrishnan R**, Erickson SR, An LC, Piette JD, Farris KB. The impact of tailored text messages on health beliefs and medication adherence in adults with diabetes: A randomized pilot study. Res Social Adm Pharm. 12(1):130-40, 2016.
267. Ahmad A, Khan MU, Ramadan ME, Jamshed SQ, Nagappa AN, Patel I, **Balkrishnan R**. Job Satisfaction among Indian Pharmacists: An Exploration of Affecting Variables and Suggestions for Improvement in Pharmacist Role. Indian Journal of Pharmaceutical Education and Research 50(1): 9-16, 2016.
268. Centers for Disease Control and Prevention CKD Surveillance Team. Acute Kidney Injury Recovery Pattern and Subsequent Risk of CKD: An Analysis of Veterans Health Administration Data. Am J Kidney Dis. 67(5):742-52, 2016.
269. Saran R, Li Y, Robinson B, Abbott KC, Agodoa LY, Ayanian J, Bragg-Gresham J, **Balkrishnan R**, et al. US Renal Data System 2015

Annual Data Report: Epidemiology of Kidney Disease in the United States. Am J Kidney Dis. 67(3 Suppl 1):A7-8, 2016.

270. Ou HT, Lin CY, Erickson SR, **Balkrishnan R**. Refined comorbidity index based on dimensionality of comorbidity for use in studies of health-related quality of life. Quality of Life Research. 25(10):2543-2557, 2016.
271. Feldman SR, Levi E, Pathak P, Kakatkar S, **Balkrishnan R**. First-Line Fixed-Combination Psoriasis Treatment Is Associated With Lower Healthcare Costs. Skinmed. 14(4):266-272. 2016.
272. Sohn MW, Kang H, Park JS, Yates P, McCall A, Stukenborg G, Anderson R, **Balkrishnan R**, Lobo JM. Disparities in recommended preventive care usage among persons living with diabetes in the Appalachian region. BMJ Open Diabetes Res Care. 23;4(1):e000284, 2016.PMID: 28074140
273. Marshall VD, Moustafa F, Hawkins SD, **Balkrishnan R**, Feldman SR. Cardiovascular Disease Outcomes Associated with Three Major Inflammatory Dermatologic Diseases: A Propensity-Matched Case Control Study. Dermatologic Therapy. 6(4):649-658, 2016.
274. Chang J, Patel I, **Balkrishnan R.**, Suh S. Physician Payment Incentives and Associated Healthcare Utilization Outcomes in Medicaid Enrolled Asthmatic Children. Indian Journal of Pharmaceutical Sciences. 78(4): 443-451, 2016.
275. Parikh ND, Marshall VD, Singal AG, Nathan H, Lok AS, **Balkrishnan R**, Shahinian V. Survival and cost-effectiveness of sorafenib therapy in advanced hepatocellular carcinoma: An analysis of the SEER-Medicare database. Hepatology. 65(1):122-133, 2017.
276. Saran R, Robinson B, Abbott KC, Agodoa LY, Ayanian J, Bragg-Gresham J, **Balkrishnan R**, et al. US Renal Data System 2016 Annual Data Report: Epidemiology of Kidney Disease in the United States. Am J Kidney Dis. 69(3S1):A7-A8, 2017.
277. Garcia C, Yao A, Camacho F, **Balkrishnan R**, Cantrell LA. A SEER-Medicare analysis of the impact of metformin on overall survival in ovarian cancer. Gynecologic Oncology. 146(2):346-350, 2017.
278. Saran R, Robinson B, Abbott KC, Agodoa LY, Ayanian J, Bragg-Gresham J, **Balkrishnan R**, et al. US Renal Data System 2017 Annual Data Report: Epidemiology of Kidney Disease in the United States. Am J Kidney Dis. 71(3S1):A7, 2018.
279. Liu Q, Smith AR, Park JM, Oguntimein M, Dutcher S, Bello G, Helmuth M, Turenne M, **Balkrishnan R**, Fava M, Beil CA, Saulles A, Goel S, Sharma P, Leichtman A, Zee J. The adoption of generic immunosuppressant

- medications in kidney, liver, and heart transplantation among recipients in Colorado or nationally with Medicare part D. American Journal of Transplantation. 18(7):1764-1773, 2018.
280. Arnold RJ; Han Y; **Balkrishnan R**; Layton A, Lok CE, Glickman M, Rajan DK. Evaluation of Hemodialysis Arteriovenous Fistula Interventions and Associated Costs: Comparison between Surgical and Endovascular AV Fistulas. Journal of Vascular and Interventional Radiology. 29(11): 1558-1566, 2018.
281. Campos, LG, Bragg-Gresham J, Han Y, Moraes TP, Figueiredo RE, Barretti P, **Balkrishnan R**, Saran R, Pecoits-Filho R, on behalf of BRAZPD Investigators. Temporal Trends And Factors Associated With Medication Prescription Patterns In Peritoneal Dialysis Patients. Peritoneal Dialysis International. 38(4):293-301, 2018.
282. Siontis KC, Zhang X, Eckard A; Bhave N, Schaubel D, He K, Tilea A, Stack AG, **Balkrishnan R**, Yao X, Noseworthy PA, Shah ND, Saran R, Nallamothu BK. Outcomes Associated with Apixaban Use in End-Stage Renal Disease Patients with Atrial Fibrillation in the United States. Circulation. 138(15):1519-1529, 2018.
283. Patel I, Chapman T, Camacho F, Shrestha S, Chang J, **Balkrishnan R**, Feldman SR. Satisfied patients and pediatricians: a cross-sectional analysis. Patient Related Outcome Measures. 9(8):299-307, 2018.
284. Awasthi S, Gerke T, Park JY, Asamoah FA, Williams VL, Fink AK, **Balkrishnan R**, Lee DI, Malkowicz SB, Lal P, Dhillon J, Pow-Sang JM, Rebbeck TR, Yamoah K. Optimizing Time to Treatment to Achieve Durable Biochemical Disease Control after Surgery in Prostate Cancer: A Multi-Institutional Cohort Study. Cancer Epidemiol Biomarkers Prev. 28(3):570-577, 2019.
285. Saran R, Robinson B, Abbott KC, Agodoa LYC, Bragg-Gresham J, **Balkrishnan R**, et al. US Renal Data System 2018 Annual Data Report: Epidemiology of Kidney Disease in the United States. Am J Kidney Dis. 73(3S1):A7-A8, 2019.
286. Helmuth ME, Liu Q, Turenne MN, Park JM, Oguntimein M, Dutcher SK, **Balkrishnan R**, Sharma P, Zee J, Leichtman AB, Smith AR. Secular Trends in the Cost of Immunosuppressants after Solid Organ Transplantation in the United States. Clin J Am Soc Nephrol. 14(3):421-430, 2019.
287. Alcalá HE, **Balkrishnan R**. Mental Health Services in Childhood: The Role of Family Adversity. Public Health Rep. 134(2):180-188, 2019.

288. Awasthi S, Gerke T, Williams VL, Asamoah F, Fink AK, **Balkrishnan R**, Park JY, Yamoah K. Interrelationship Between Health Insurance Status and Prostate Cancer Grade Can Have Critical Impact on Prostate Cancer Disease Control: A Retrospective Cohort Study. Cancer Control. 26(1): 1073274819837184, 2019.
289. Upadhyay N, Aparasu R, Rowan PJ, Fleming ML, **Balkrishnan R**, Chen H. The association between geographic access to providers and the treatment quality of pediatric depression. J Affect Disord. 253(4):162-170, 2019
290. Kumar A, Talwar A, Farley JF, Muzumdar J, Schommer JC, **Balkrishnan R**, Wu W. Fondaparinux Sodium Compared With Low-Molecular-Weight Heparins for Perioperative Surgical Thromboprophylaxis: A Systematic Review and Meta-analysis. J Am Heart Assoc. 21;8(10):e012184, 2019.
291. Sonawane K, Zhu Y, **Balkrishnan R**, Suk R, Sharrief A, Deshmukh AA, Aguilar D. Antihypertensive drug use and blood pressure control among stroke survivors in the United States: NHANES 2003-2014. J Clin Hypertens 21(6):766-773, 2019
292. Diaby V, Alqhtani H, van Boemmel-Wegmann S, Wang CY, Ali AA, **Balkrishnan R**, Ko Y, Palacio S, de Lima Lopes G. A cost-effectiveness analysis of trastuzumab-containing treatment sequences for HER-2 positive metastatic breast cancer patients in Taiwan. Breast. 49:141-148, 2020.
293. Diaby V, Wang CY, Alqhtani H, van Boemmel-Wegmann S, Ali AA, **Balkrishnan R**, Ko Y, Palacio S, de Lima Lopes G. Dataset used in the economic evaluation trastuzumab-based regimens for HER-2 positive metastatic breast cancer patients in the Taiwanese healthcare setting. Data Brief. 29:105194, 2020.
294. Lobo JM, Kim S, Kang H, Ocker G, McMurry TL, **Balkrishnan R**, Anderson R, McCall A, Benitez J, Sohn MW. Trends in Uninsured Rates Before and After Medicaid Expansion in Counties Within and Outside of the Diabetes Belt. Diabetes Care. 43(7): 1449-1455, 2020.
295. Okere A, Diaby V, **Balkrishnan R**. A quantitative analysis of the effect of continuity of care on 30-day readmission and in-hospital mortality among patients with acute ischemic stroke. Journal of Stroke and Cerebrovascular Diseases. 29(9):105053, 2020.
296. Chen Z, McCulloch CE, Powe NR, Heung M, Saran R, Pavkov ME, Burrows NR, Hsu RK, Hsu CY, **Balkrishnan R**, Centers for Disease Control and Prevention Chronic Kidney Disease Surveillance Team. Exploring reasons for state-level variation in incidence of dialysis-requiring acute kidney injury (AKI-D) in the United States. BMC Nephrology. 10;21(1):336, 2020.

297. Isaac KM, Reed DR, Desai RP, Williams E, **Balkrishnan R**, Keng MK, Ballen KK. Epidemiology of acute myeloid leukemia in Virginia: Excellent survival outcomes for patients in rural Appalachia. Cancer Reports. 4(4):e1354, 2021.
298. Kang H, Kim S, Malloy, K., **Balkrishnan R**, et al. Evaluating efficiency of counties in providing diabetes preventive care using data envelopment analysis. Health Services and Outcomes Research Methodology. 21(3):324-338, 2021.
299. Mock J, Meyer C, Desai RP, **Balkrishnan R**, et al. Barriers to Access to Hematopoietic Cell Transplantation among Patients with Acute Myeloid Leukemia in Virginia. Transplantation and Cellular Therapy. 27(10):869.e1-869.e9, 2021.
300. Shete S, Deng Y, Shannon J, Faseru B, Middleton D, Iachan R, Bernardo B, **Balkrishnan R**, et al. Rural Workgroup of the Population Health Assessment in Cancer Center Catchment Areas Initiative. Differences in Breast and Colorectal Cancer Screening Adherence Among Women Residing in Urban and Rural Communities in the United States. JAMA Network Open. 4(10):e2128000, 2021.
301. Upadhyay N, Rowan PJ, Aparasu RR, **Balkrishnan R**, Fleming ML, Nair AA, Chen H. Impact of geographic access to primary care providers on pediatric behavioral health screening. Preventive Medicine. 153(12):106856, 2021
302. Jensen JD, Shannon J, Iachan R, Deng Y, Kim SJ, Demark-Wahnefried W, Faseru B, Paskett ED, Hu J, Vanderpool RC, Lazovich D, Mendoza JA, Shete S, Robertson LB, **Balkrishnan R**, et al. Examining Rural-Urban Differences in Fatalism and Information Overload: Data from 12 NCI-Designated Cancer Centers. Cancer Epidemiol Biomarkers Prev. 31(2):393-403, 2022.
303. Yeaman C, Desai R, Sharma D, Zillioux J, **Balkrishnan R**, Rapp DE. Economic Impact of Urological Conditions in Men and Women in Belize. Urol Pract. 9(6):543-549, 2022.
304. McMurry TL, Lobo JM, Kang H, Kim S, **Balkrishnan R**, Anderson R, McCall A, Sohn MW. Annual wellness visits are associated with increased use of preventive services in patients with diabetes living in the Diabetes Belt. Diabet Epidemiol Manag. 7:100094, 2022.
305. Ganga A, Kim EJ, Mintzer GL, Adriance W, Wang R, Cholankeril G, **Balkrishnan R**, Somasundar PS. Disparities in primary pancreatic adenocarcinoma survival by Medicaid-status: A national population-based risk analysis. Eur J Surg Oncol. S0748-7983(23)134-8, 2023.

**C. Review and Opinion/Editorial Articles**

306. **Balkrishnan R.** Predictors of Medication Adherence in the Elderly. Clinical Therapeutics 20(4): 764-772, 1998.
307. **Balkrishnan R,** and Furberg CD. Developing an optimal approach to global drug safety. Journal of Internal Medicine 250(4): 271-279, 2001.
308. Hall MA, Anderson RT, **Balkrishnan R,** Goff DC, Feldman SR, Fleischer AB, Moran WP. Measuring Medical Practice Patterns: Sources of Evidence from Health Services Research Wake Forest Law Review – 37(3): 779-820, 2002.
309. Koman LA, Smith BP, **Balkrishnan R.** Spasticity Associated with Cerebral Palsy in Children: Guidelines for the Use of Botulinum A Toxin Paediatric Drugs- 5(1):11-23, 2003.
310. **Balkrishnan R,** Hill A, Feldman SR, Graham GF. Efficacy, Safety, and Cost of Office-Based Surgery: A Multidisciplinary Perspective. Dermatologic Surgery – 29(1):1-6, 2003.
311. Feldman SR, Garton R, Averett W, **Balkrishnan R,** Vallee JA. Strategies to manage the treatment of severe psoriasis: considerations of efficacy, safety and cost. Expert Opinion in Pharmacotherapy- 4(9):1525-1533, 2003.
312. **Balkrishnan R,** Guniganti P. Non adherence to medication regimens and use of complementary and alternative medicine (CAM) in asthma. Pulmonary and Critical Care Updates – Volume 18, Lesson 13. Published Online: October 2004. <http://chestnet.org/education/online/pccu/vol18/>
313. Mihalko S, Brenes G, Farmer D, Katula J, **Balkrishnan R,** Bowen D. Challenges and innovations in Enhancing Adherence to Healthcare Behaviors Controlled Clinical Trials – 25(5): 447-457, 2004.
314. Bhosle MJ, Shenolikar RA, Kulkarni AS, **Balkrishnan R.** Outcomes associated with inhaled corticosteroid use in asthma and COPD: an update. Expert Review of Pharmacoeconomics and Outcomes Research – 4(6):645–656, 2004.
315. **Balkrishnan R,** Manuel JC, Feldman SR, Rapp SR. Measurement of Health Related Quality of Life (HRQOL) Associated with Skin Disease. Journal of the American Academy of Dermatology – 51(1):S3-S4, 2004.
316. **Balkrishnan R.** The Importance of Medication Adherence in Improving Chronic-disease related Outcomes: What we know and what we need to further know. Medical Care – 43(6):517-520, 2005.

317. Jayawant SS, **Balkrishnan R**. The Controversy Surrounding OxyContin Abuse: Issues and Solutions. Therapeutics and Clinical Risk Management – 1(2):77-82, 2005.
318. Carroll CL, **Balkrishnan R**, Feldman SR, Fleischer AB, Manuel J. The Burden of Atopic Dermatitis: Impact on the Patient, the Family, and Society. Pediatric Dermatology- 22(3):192-199, 2005.
319. Bhosle MJ, Wagner SD, Ghantaji SS, **Balkrishnan R**. Outcomes Associated with Pharmacotherapy in Overactive Bladder. Expert Review of Pharmacoeconomics and Outcomes Research – 5(4):447-456, 2005. \_
320. Rasu R, **Balkrishnan R**, Shenolikar RA, Nahata MC. Outcomes Associated with the Treatment of Insomnia: A Review and Update. Expert Review of Pharmacoeconomics and Outcomes Research – 5(6): 733-740, 2005.
321. Bhosle MJ, **Balkrishnan R**, Dewan T, Yelverton CB, Feldman SR. The Rise of the Generic Drug Market and Its Implications for Dermatology. Journal of Dermatological Treatment – 16(5/6): 295-298, 2005.
322. Nelson AA, Pearce DJ, Fleischer AB, **Balkrishnan R**, Feldman SR. Infliximab for inpatient psoriasis management is there a role? Journal of Dermatological Treatment – 16(5/6): 314-318, 2005.
323. Nelson AA, Pearce DJ, Fleischer AB, **Balkrishnan R**, Feldman SR. New treatments for psoriasis: Which biologic is best? Journal of Dermatological Treatment – 17(2): 96-107, 2006.
324. Warino L, **Balkrishnan R**, Feldman SR. Clobetasol Propionate for Psoriasis. Are ointments really potent? Journal of Drugs in Dermatology – 5(6):527-532, 2006.
325. Kirkland R, Pearce DJ, **Balkrishnan R**, Feldman SR. Critical factors determining the potency of topical corticosteroids. Journal of Dermatological Treatment – 17(3):133-135, 2006.
326. Bhosle MJ, Kulkarni AS, Feldman SR, **Balkrishnan R**. Quality of life in patients with psoriasis. Health and Quality of Life Outcomes – 4(1): 35-41, 2006.
327. Hodari KT, Nanton JR, Carroll CR, Feldman SR, **Balkrishnan R**. Adherence in dermatology: a review of the last 20 years. Journal of Dermatological Treatment – 17(3): 136-142, 2006.
328. Pawaskar MD, **Balkrishnan R**. Prescription to over-the-counter switches: A consumer and managed care perspective. Managed Care Interface – 20(1): 42-47, 2007.



329. Pawaskar MD, Parikh P, Markowski T, McMichael AJ, Feldman SR, **Balkrishnan R**. Melasma and Its Impact on Health-related Quality of Life in Hispanic Women. Journal of Dermatological Treatment – 18(1): 5-9, 2007.
330. Steele T, Pawaskar MD, **Balkrishnan R**, Fleischer AB, Feldman SR. Does cost effectiveness play a role in clinical trials? Dermatologic Therapy – 20(2): 110-119, 2007.
331. Bhosle MJ, **Balkrishnan R**. Drug Reimportation Practices in the United States. Therapeutics and Clinical Risk Management – 3(1): 41-46, 2007.
332. Price J, Bhosle MJ, Feldman SR, **Balkrishnan R**. Outcomes associated with the use of biologic agents in moderate to severe psoriasis. Journal of Drugs in Dermatology – 6(3): 259-267, 2007.
333. Conde JF, Yelverton CB, **Balkrishnan R**, Fleischer AB Jr, Feldman SR. Managing rosacea: a review of the use of metronidazole alone and in combination with oral antibiotics. Journal of Drugs in Dermatology. 6(5):495-498, 2007.
334. Garduno J, Bhosle MJ, **Balkrishnan R**, Feldman SR. Measures Used in Specifying Psoriasis Lesion(s), Global Disease & Quality of Life: A Systematic Review. Journal of Dermatological Treatment – 18(4): 223-242, 2007.
335. Rasu RS, Crawford T, Manley HJ, **Balkrishnan R**. Treatment of hypertension and diabetes mellitus in patients with chronic kidney disease: a review Expert Opinion on Pharmacotherapy – 8(15): 2543-2551, 2007.
336. **Balkrishnan R**, Jayawant SS. Medication adherence research in populations: measurement issues and other challenges. Clinical Therapeutics – 29(6): 1180- 1183, 2007.
337. Ali SM, Brodell RT, **Balkrishnan R**, Feldman SR. Poor Adherence to Treatments: A Fundamental Principle of Dermatology. Archives of Dermatology – 143(7): 912-915, 2007.
338. Awadalla FC, Yentzer B, **Balkrishnan R**, Feldman SR. A role for denial in poor adherence to psoriasis treatment. Journal of Dermatological Treatment. 18(6):324-325, 2007.
339. Rasu RS, Crawford T, Manley HJ, **Balkrishnan R**. Treatment and costs associated with anemic chronic kidney disease patients. Current Medical Research and Opinion – 24(1): 129-137, 2008.
340. Iaconi A, Zimmerman MA, Kulkarni AS, **Balkrishnan R**. Outcomes Associated with Pharmacological Treatments in Parkinson's Disease: A

- Review of the Recent Literature. Expert Opinion on Pharmacotherapy – 9(2): 163-174, 2008.
341. Inglese MJ, Fleischer AB, Feldman SR, **Balkrishnan R**. The Pharmacoeconomics of Acne Treatment: Where are we heading? Journal of Dermatological Treatment – 19(1): 27-37, 2008.
342. Dawn AG, **Balkrishnan R**, Feldman SR. Systematic Selection Bias: A Cause of Dramatic Errors in Inference of Treatment Effectiveness. Journal of Dermatological Treatment – 19(2): 68-71, 2008.
343. Chisolm SS, Taylor SL, **Balkrishnan R**, Feldman SR. Written Action Plans: Potential for Improving Outcomes in Children with Atopic Dermatitis. Journal of the American Academy of Dermatology – 59(4): 677-683, 2008.
344. Karve S, Feldman SR, Yentzer BA, **Balkrishnan R**. Imiquimod: A review of basal cell carcinoma treatments. Journal of Drugs in Dermatology – 7(11): 1044-1051, 2008.
345. Feldman SR, Horn EJ, **Balkrishnan R**, Basra MK et al. for the International Psoriasis Council. Psoriasis: Improving adherence to topical therapy. Journal of the American Academy of Dermatology – 59(6): 1009-1016, 2008.
346. Thomas K, Yentzer BA, Yelverton CB, **Balkrishnan R**, Fleischer AB, Feldman SR. The cost-effectiveness of rosacea treatments. Journal of Dermatological Treatment – 20(2): 72-75, 2009.
347. Neidecker MV, Davis-Ajami M, **Balkrishnan R**, Feldman SR. Pharmacoeconomic Considerations in Treating Actinic Keratosis. Pharmacoeconomics – 27(6):451-464, 2009.
348. **Balkrishnan R**, Foss CE, Pawaskar MD, Uhas AA, Feldman SR. Medication Errors In Outpatient Settings. Journal of Dermatological Treatment – 20(4): 229-232, 2009.
349. **Balkrishnan R**, Patel I, Chang J. The Emerging Role for Pharmacoeconomics in the Indian Scenario. Indian Journal of Pharmacy Practice – 2(4): 1-6, 2009.
350. Iaconi A, Feldman SR, **Balkrishnan R**. Psoriasis and its treatment with Adalimumab. Expert Opinion on Biological Therapy – 10(1): 133-152, 2010.
351. Chisolm SS, Taylor SL, Gryzwacz JG, Neill JL, **Balkrishnan R**, Feldman SR. Health Behavior Models: A Framework for Studying Adherence in Children with Atopic Dermatitis. Clinical and Experimental Dermatology - 35(3): 228-232, 2010.

352. Greenlaw SM, Yentzer BA, O'Neill JL, **Balkrishnan R**, Feldman SR. Assessing adherence to dermatology treatments: a review of self-report and electronic measures. Skin Research and Technology. 16(2):253-258, 2010.
353. Ou HT, Feldman SR, **Balkrishnan R**. Understanding and improving treatment adherence in pediatric patients. Seminars in Cutaneous Medicine and Surgery – 29(2): 137-140, 2010.
354. Patel I, **Balkrishnan R**. Medication error management around the globe: An Overview. Indian Journal of Pharmaceutical Sciences – 72(5): 539-545, 2010.
355. Patel I , Chang J, Srivastava J , Balkrishnan R. Mortality in the developing world- Can pharmacists intervene? Indian Journal of Pharmacy Practice – 4(1):1-9 , 2011.
356. Patel I, Chang J, Srivastava J, **Balkrishnan R**. India's Progress towards the health related Millennium Development Goals –Malaria and Tuberculosis. Indian Journal of Pharmacy Practice – 4(3): 1-6, 2011.
357. Patel I, Chang J, Srivastava J, Liu CM, Gaither C, **Balkrishnan R**. Sexual Identity and the Risk of HIV/AIDS: A look at MSMs (Males Having Sex with Males) in India. Journal of Pharmacy in Practice. 1(2): 41-46, 2011.
358. Patel I, Chang J, Srivastava J, Liu CM, Balkrishnan R. Racial residential segregation and poor health outcomes in the U.S.- A myth or a reality. Indian Journal of Hospital Pharmacy. 48:145-48, 2011.
359. Gatwood J, Meltzer MI, Messonnier M, Ortega-Sanchez I, **Balkrishnan R**, Prosser LA. Seasonal Influenza Vaccination of Healthy, Working-Age Adults: A Review of Economic Evaluations. Drugs – 72(1): 35-42, 2012.
360. Tan X, Feldman SR, **Balkrishnan R**. Quality of life issues and measurement in patients with psoriasis. Psoriasis: Targets and Therapy – 2(1): 13-23, 2012.
361. Patel I, Chang J, Srivastava J , **Balkrishnan R**. India's Progress towards the health related Millennium Development Goals – HIV/AIDS. Indian Journal of Pharmacy Practice – 5(1): 2-11, 2012.
362. Tan X, Feldman SR, Chang J, **Balkrishnan R**. Topical drug delivery systems in dermatology: a review of patient adherence issues. Expert Opinion in Drug Delivery – 9(10):1263-1271, 2012.
363. Patel M, Patel I, Chang J, Rarus R, Srivastava J, Ahmad A, **Balkrishnan R**. Computerized order entry systems: An introduction. Journal of Pharmacy Research. 5(10): 4962-4967, 2012

364. Chang J, Patel I, Tan X, Srivastava J, Gladden J, Ahmad A, **Balkrishnan R**. Electronic prescribing-An emerging trend. Indian Journal of Hospital Pharmacy. 49:127-133, 2012.
365. **Balkrishnan R**, Merajver SD. Availability of essential medications for non-communicable and chronic diseases in low and middle income countries: A persistent and growing violation of human rights and potential solutions. Harvard College Global Health Review 3(1): 50-52, 2012.
366. Merajver SD, **Balkrishnan R**. Making the case for integrated assessments of the biological, social, and system determinants of treatment for breast cancer to understand and improve outcomes in patients everywhere Current Medical Research and Opinion – 28(3): 415-417, 2012.
367. Tan X, **Balkrishnan R**, Feldman SR. Infections Associated With the Use of Tumor Necrosis Factor-Alpha ; Inhibitors in Psoriasis. Journal of Drugs in Dermatology – 12 (3): e41-48, 2013.
368. **Balkrishnan R**, Patel I, Chang J, Yang F, Merajver SD. Global comparative healthcare effectiveness research: Evaluating sustainable programs in low and middle resource settings. Indian Journal of Medical Research – 137 (3): 615-621, 2013
369. Parihar A, Tran TT, Gadwal T, **Balkrishnan R**, Patel I. Self-medication in Underserved PopulationS in India: A Review. Research in Pharmacy and Health Sciences 2(2);122-127, 2016.
370. Ahmad A, Khan MU, **Balkrishnan R**. Antibiotics in fixed dose combination: Indian scenario in global perspectives. Lancet Global Health ;4(8):e521, 2016.
371. Chang J, Lizer A, Patel I, Bhatia D, Tan X, **Balkrishnan R**. Prescription to over-the-counter switches in the United States. Journal of Research in Pharmacy Practice. 5(3):149-54, 2016.
372. Khan MU, Ahmad A, **Balkrishnan R**. Polio and cross-border management. Lancet Infectious Disease. 17(2):136, 2017.
373. Khan MU, Ahmad A, Malik S, **Balkrishnan R**. Could an automated machine replace the pharmacist? Research in Social and Administrative Pharmacy. 13(2):399, 2017.
374. Babcock A, Ali AA, **Balkrishnan R**, Montero A, Diaby V. Real-World Clinical and Economic Outcomes Associated with Palbociclib for HR-Positive/HER2 Negative Metastatic Breast Cancer: A Commentary. Journal of Managed Care and Specialty Pharmacy. 26(7):826-831, 2020.

375. Ding DD, **Balkrishnan R**, Diaby V. In our war against the opioid epidemic, could 'weed' be a winner? Expert Review of Pharmacoeconomics and Outcomes Research. 20(5):423-429, 2020.
376. Narayan A, **Balkrishnan R**. A health crisis within a health crisis: Opioid access in the COVID-19 pandemic. Substance Abuse. 42(2):148-152, 2021.
377. Guraya A, Pandher K, Porter CL, Taylor S, Jorizzo J, Strowd L, **Balkrishnan R**, Feldman S. Review of the holistic management of pediatric atopic dermatitis. Eur J Pediatr. 181(4):1363-1370, 2022.
378. Marsh KM, **Balkrishnan R**. Gastrostomy Tubes: Patient Choice Over System Shortcomings. J Palliat Med. 25(4):526, 2022.
379. Kakatkar S, Narayan A, **Balkrishnan R**. Prescription analgesic overuse in older adults: A growing problem. Aging Med. 5(4):294-296, 2022
380. Rekulapelli A, E Flausino L, Iyer G, **Balkrishnan R**. Effectiveness of immunological agents in non-small cell lung cancer. Cancer Rep 6(1):e1739, 2023.
381. Pillai R, Patel I, **Balkrishnan R**. Risk factors and strategies for prevention of depression, anxiety and eating disorders among adolescents during the coronavirus disease 2019 (COVID-19) pandemic. Global Health Journal 2023 (In Press), <https://doi.org/10.1016/j.glohj.2023.04.004>

### **Journal Article Statistics**

**Total Journal Articles Published:** 381\* (\*Does not include many papers published in Non-Medline journals)

**H-index (Measure of Citation Power):** 71

### **Books and Book Chapters**

1. Begley CE, Lairson DR, Morgan R, Rowan P, **Balkrishnan R**. Evaluating the Healthcare System: Effectiveness, Efficiency, and Equity. Fourth Edition. Health Administration Press, Chicago IL. **2013**. ISBN: 1567932223. (Also co-author on Third edition published in 2004)
2. Syed T, Ali A, **Balkrishnan R**. Biostatistics in Dermatology. Chapter 26. In Ali A, Dermatology: A Pictorial Review. McGraw Hill, New York, NY, 2007. ISBN: 0071422935
3. Pearce DJ, Williford PM, **Balkrishnan R**, Feldman SR. The Economics of Skin Cancer. Chapter 61. Pages 679-686. in Skin Cancer (Edited by Keyvan Nouri ) McGraw Hill, New York, NY, 2007. ISBN: 0071472568
4. Anderson RT, Pawaskar MD, Camacho FT, **Balkrishnan R**. Diabetes and Quality of Life, Psychosocial Issues and Sexual Health. In: Diabetes Public Health: From Data to Policy, Oxford University Press, New York, NY, 2010. ISBN: 0195317068
5. Iaconi A, Wu C, Rayhan DJ, Yentzer B, Feldman SR, **Balkrishnan R**. Cost-effectiveness of Rosacea Treatments. In: Evidence-based Dermatology, 2<sup>nd</sup> edition, People's Medical Publishing House, USA, 2012. ISBN 13: 9781607950394
6. Levender M, **Balkrishnan R**, Feldman SR. Adherence to Treatment. In: Evidence-based Dermatology, 2<sup>nd</sup> edition, People's Medical Publishing House, USA, 2012. ISBN 13: 9781607950394
7. **Balkrishnan R**, Rekulapelli A. Evidence-Based Global Health. (Chapter 70). In Haring R (Editor in Chief) and the World Health Organization, Handbook of Global Health. Springer International Publishing, 2021 ISBN: 9783030450083

## **SUMMARY OF TEACHING**

Dr. Balkrishnan has taught courses in healthcare policy and outcomes evaluation, research methodology and health services research for the past 20 years to graduate and professional students. AT UVA Dr. Balkrishnan teaches 4-5 courses each year in the Public Health Sciences program. Dr. Balkrishnan has advised over 50 graduate students, including over 25 PhD students in his academic career.

## **TEACHING ACTIVITIES**

### **Courses (Instruction)**

#### University of Virginia 2016-

PHS 3102: Data Analysis in Public Health. 3 course credits. (Taught every Fall and Spring)

PHS 7051: Policy Development, Analysis and Advocacy. 3 course credits. (Taught Every Fall and Spring)

PHS 5100: Introduction to Health Care Policy, Management and Systems. 3 course credits. (Taught Every Spring or Fall until 2023)

PHS 8881 Integrative Learning in Health Policy (Taught both semesters)

PHS 7831: Grant writing for Healthcare Program Evaluation.3 course credits. (Taught Every Alternate Fall Upon Demand)

Coordinator, Public Health Grand Rounds  
Advisor to MPH students for research capstone projects.

#### University of Michigan 2009-2015

PHAR 522: Pharmacy Healthcare Outcomes (Fall Semester)

SOCADMIN 839: Doctoral Seminar in Pharmacy (Winter Semester)

SOCADMIN 726: Pharmaceutical Health Services Research (Fall Semester)

Also participating faculty in PHAR 680 (Pharm D Seminar), MEDCHEM 505 (Exploring Pharmacy), HMP 610 (Cost-effectiveness in Healthcare), HMP 677 (Comparative Health Systems), HMP 637 (Drug development, approval, and reimbursement)

**TEACHING ACTIVITIES (Continued)**  
**Courses (Instruction)**

The Ohio State University 2005 –2009

PHAR820: Introduction to Study Design and Analysis in Pharmacy (Autumn 2006-, annually)

PHAR828: Pharmaceutical Health Services Research (Winter 2007- [annually])

PHAR827: Pharmaceutical and Health Care Outcomes Evaluation

HSMP 870.03: Advanced methodologies in Health Services Research (Autumn 2007-[annually])

HSMP 870.01: Health Care Outcomes (School of Public Health, Winter 2006)

PH701: Statistics in Public Health (School of Public Health, Autumn 2005)

PHAR 773: Pharmacy Management II: Pharmaceutical Distribution and Health Care Systems. [Group Taught] College of Pharmacy, Spring 2005

University of Texas School of Public Health 2003-2004

PH5215. Health Care Outcomes and Quality of Care Research. Fall 2003.

PH3998. Pharmaceutical Economics and Policy. Spring 2004.

PH5110. Health Services Delivery and Performance (with Lu Ann Aday, David Lairson, and Charles Begley). Spring 2004.

PH 3998. Advanced Health Services Research Methodology. Summer 2004.

PH 5499. Individual Study in Health Services Research

PH 3999. Individual Study in Management and Policy Sciences

Wake Forest University School of Medicine 1999-2003

*Medical Student Teaching*

PHE-2 Principles of Evidence Based Medicine (Co-Instructor)

Spring 2000-2002; Wake Forest University

PHE-1 Population Health and Epidemiology Module 1

*Graduate Student Teaching*

CEHS 711 Economics of Health and Medicine

Fall 1999-2002; Wake Forest University School of Medicine; Graduate Program in Health Services Research and Clinical Epidemiology



**Student Advising**

	PhD (as primary advisor)	PhD (as committee member)	MS/MPH (as advisor and/or thesis supervisor)
University of Virginia (current)	0	2	9
University of Virginia (graduated)	0	3	10
University of Michigan (graduated)	9	2 (Cognate advisor)	0
The Ohio State University (graduated)	12	1 (Cognate advisor)	15
The University of Texas HSC (graduated)	2	2	4
Wake Forest University (graduated)	0	0	1
<b>Total</b>	<b>23</b>	<b>8</b>	<b>27</b>

**TEACHING ACTIVITIES (Continued)****Post-doctoral Supervision**

Dr. Hector E. Alcala, 2015-2017.

**Student Advising****University of Houston****PhD in Pharmacy**

Mr. Navneet Upadhyay, Dissertation Committee Member, 2017-2019 (graduated)

**University of Virginia****PhD in Education**

Mr. Matthew Ericson, Dissertation Committee Member, 2018-2020 (graduated)

**PhD in Nursing**

Mr. Franklin Hickey, Dissertation Committee Member, 2017-2019 (graduated)

Ms. Jolie Crowder, Dissertation Committee Member, 2017-

**PhD in Economics**

Mr. Brett Lissenden, Graduated May 2017. Dissertation committee member.

Dissertation: Essays on Private Health Insurance in Public Programs

**University of Michigan College of Pharmacy and School of Public Health**

**Graduated Students**

**PhD**

Chung-Hsuen Wu, PhD in Social and Administrative Sciences. Advisor and Dissertation Supervisor. Graduated August 2010.

Dissertation: Interactive associations of race and comorbidity in medication treatment and outcomes of Medicaid enrolled patients with major depressive disorder

Huang-Tz Ou, PhD in Social and Administrative Sciences. Advisor and Dissertation Supervisor. Graduated August 2010.

Dissertation: Performances of Comorbidity Measures in Healthcare related Behaviors and Outcomes in Type 2 Diabetes

Hsien-Chang Lin, PhD in Health Services Research and Social and Administrative Sciences. Co-Advisor and Dissertation Supervisor. Graduated August 2010. (Co-advisor with Daniel Eisenberg, PhD)

Dissertation: Innovations in pharmacological treatment of major depressive disorder and associated patient outcomes

Jongwha Chang, PhD in Social and Administrative Sciences. Advisor and Dissertation Supervisor. Graduated April 2012.

Dissertation: Essays on physician incentives and pharmaceutical outcomes in asthmatic children

Isha Patel, PhD in Social and Administrative Sciences. Advisor and Dissertation Supervisor. Graduated April 2014.

Dissertation: Medication use and healthcare outcomes in developmentally disabled Medicaid adults with type 2 diabetes: A quantitative race based analysis

Justin Gatwood, PhD in Social and Administrative Sciences. Co-Advisor and Dissertation Supervisor. Graduated April 2014. (Co-advisor with Karen Farris, PhD)

Dissertation: Addressing Medication Nonadherence Using Mobile Phone-Based Tailored Messaging

Joseph Donohoe, PhD in Bioinformatics and Computational Medicine. Advisor and Dissertation Supervisor. Graduated April 2015.

Dissertation: Evaluating the methodology and clinical utility of spatial access to health care measures in Appalachia

Xi Tan, PhD in Social and Administrative Sciences. Advisor and Dissertation Supervisor. Graduated April 2015.

Dissertation: The impact of access to cancer care on adjuvant endocrine therapy use among breast cancer survivors in Appalachia

Joel Segel, PhD, PhD in Health Services Organization and Policy, Cognate Advisor and Dissertation Committee Member, Graduated August 2015.  
Dissertation: Three Essays in Preventive Health Economics.

Yun Han, PhD in Social and Administrative Sciences. Co-Advisor and Dissertation Supervisor. Graduated April 2017. (Co-advisor with Steven Erickson, PharmD)  
Dissertation: Medication Adherence Outcomes in Elderly Patients with Hypertension and Chronic Kidney Disease: a Geographical Approach

David Malewski PhD in Social and Administrative Sciences. Dissertation Committee Member. Graduated April 2017.  
Dissertation: Attitude and Intention to Abuse Controlled Prescription Drugs: A Conditional Indirect Effects Model

**University of Michigan College of Pharmacy and School of Public Health**  
PharmD Thesis Project (Thesis Supervisor)  
Mr. Ali Thabet, Doctor of Pharmacy, 2010-12.  
Lauren Brown, Doctor of Pharmacy, 2013 -15.  
Mark Yang, Doctor of Pharmacy, 2015-2017

Post doctoral supervision

Huang-Tz Ou, PhD, Post doctoral research associate, 2010-11  
Hsien-Chang Lin, PhD, Post doctoral research associate, 2010-11

**The Ohio State University Colleges of Pharmacy and Public Health**  
Graduated Students  
PhD

Amit Kulkarni, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated August 2006.  
Dissertation: Much ado about adherence: A tale of two disease states.

Rahul Shenolikar, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated August 2006.  
Dissertation: Racial differences in oral antidiabetic medication adherence, health care utilization, and costs associated with Type 2 diabetes in Medicaid enrollees.

Prakash Navaratnam, PhD in Health Services Management and Policy, Advisor and Dissertation Supervisor. Graduated March 2007.  
Dissertation: Predictors of the prescribing of asthma pharmacotherapy in the ambulatory patient population of the United States.

Monali Bhosle, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated August 2007.

Dissertation: Outcomes associated with adjuvant hormonal therapy: Are there any differences among African American and White women with primary breast cancer?

Sujata Jayawant, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated February 2008.

Dissertation: Effect of dosing regimens on medication use, healthcare resource utilization, and costs in Medicaid enrolled type 2 diabetes mellitus patients.

Manjiri Pawaskar, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated March 2008.

Dissertation: Medicaid payment systems: Impact on quality of care, medication adherence and healthcare service utilizations in type 2 diabetes Medicaid enrollees

Sean Candrilli, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated April 2009.

Dissertation: Medication adherence and associated outcomes in Medicaid enrollees with sickle cell disease.

Sudeep Karve, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated April 2009.

Dissertation: Evaluation of ischemic stroke-related healthcare utilization trends using recent national data: 2000 – 2005

Marjorie Neidecker, PhD in Pharmacy Administration. Advisor and Dissertation Supervisor. Graduated May 2009.

Dissertation: Patterns of medication use and related health care resource utilization associated with vaginal estrogen therapy in Medicaid-enrolled women.

Meg Kong, PhD in Pharmacy Administration. Co-advisor and Dissertation Supervisor. Graduated May 2010.

Dissertation: Racial disparities in antiretroviral therapy adherence and related outcomes in low-income populations with HIV / AIDS.

Jun Wu, PhD in Pharmacy Administration Co-advisor and Dissertation Supervisor. Graduated May 2010.

Dissertation: Statin Medication Adherence and Associated Outcomes in Type 2 Diabetes Medicaid Enrollees with Comorbid Hyperlipidemia

Mary Lynn Davis-Ajami, PhD in Pharmacy Administration. Co-advisor and Dissertation Supervisor. Graduated August 2010.

Dissertation: The effects of joblessness on oral antidiabetic medication adherence and health services utilization in adult working age diabetics

John Mclaughlin, PhD in Epidemiology, Cognate Advisor, Graduated August 2010. (Primary Advisor: Electra Paskett)

Dissertation: Human and Economic Costs Associated with Longer Times from Confirmed-diagnosis to Initiation of Treatment among Low-income Women with Breast Cancer: Causal, Contradictory, or Confounded?

MS in Pharmacy Administration

Adam Uhas, MS in Pharmacy Administration, Graduated Summer 2008

Isha Patel, MS in Pharmacy Administration, Graduated Fall 2008.

Ala Iaconi, MS in Pharmacy Administration, Graduated Fall 2008.

Palak Patel, MS in Pharmacy Administration, Graduated Summer 2010.

Graduated Students

Masters in Health Care Administration

Michelle Ivankovic, Primary Advisor. Graduated March 2008 .

Adam Sturbois, Primary Advisor. Graduated March 2008.

Anisa Gandevivala, Primary Advisor. Graduated June 2007.

Vikas Ghayal, Primary Advisor. Graduated June 2007.

Bryan Berger, Primary Advisor. Graduated June 2007.

Steven Tung, Primary Advisor. Graduated June 2007.

Masters in Public Health

Justin Gatwood, Advisor and Thesis Supervisor, Graduated May 2009.

John Mclaughlin, Thesis project Supervisor, Graduated December 2007 Maria

Nguyen, Advisor (non thesis option), Graduated December 2007.

Anmol Kharbanda, Thesis project Supervisor, Graduated June 2007.

Venkat Vosuri, Thesis project Supervisor, Graduated June 2006.

**University of Texas School of Public Health**

Doctoral

Lisa Chu-Weininger, PhD in Management and Policy Sciences. Advisor and Dissertation Supervisor. Graduated Spring 2005.

Dissertation: Consumer satisfaction with primary care provider choice and associated trust

Rafia Rasu, PhD in Management and Policy Sciences. Advisor and Dissertation Supervisor. Graduated Spring 2005.

Dissertation: Physician and Patient Determinants of the Treatment of Sleep Disorders in Outpatient Settings in the United States

V.K. Dorai, PhD in Management and Policy Sciences. Committee Member. Graduated: December 2004. (Primary Advisor: Dr. Luisa Franzini)

Pay Shin Lin, DrPH in Health Services Organization. Committee Member. . Graduated: December 2004. (Primary Advisor: Dr. David Lairson)

Masters

Stephen Samuel, MPH in Health Services Organization. Thesis Advisor.  
Graduated Summer 2004. Thesis: Physician and patient characteristics in  
outpatient breast cancer screening

Ling Jing, MPH in Disease Control. Thesis Advisor. Graduated Spring 2005.  
Thesis: Predictors of patient satisfaction with primary care: Analysis of national  
survey data.

**Wake Forest University School of Medicine**

Tara Cothran, MS in Health Services Research, Thesis Advisor  
Thesis: Cost effectiveness of autologous blood donations: A meta-analytical  
approach towards calculating risk estimates of health outcomes. (Graduated  
Summer 2001)

---

## **SUMMARY OF SERVICE ACTIVITIES**

Dr. Balkrishnan has served on several committees at the university, professional organization and federal level. Dr. Balkrishnan served in a standing study section for the Agency for Health Care Research and Quality and has been a part of the Behavioral Sciences and Epidemiology study section of the American Heart Association since 2006, serving as chair during 2009 and 2010. He has participated in research service activities of professional organizations such as the International Society of Pharmacoeconomics and Outcomes Research and is a member of committees at the college and university level. Dr. Balkrishnan also serves on the editorial board of and is a peer reviewer for several journals.

### **Grant Program Proposal Reviewer**

Member, Healthcare Safety and Quality Improvement Research (HSQR) study section, Agency for Healthcare Research and Quality, 2011-2013

Chair, Behavioral Sciences and Epidemiology National Study Section, American Heart Association, 2009-10. Member 2006 - present. Co-Chair, 2007-08. Chair, Early Stage Career Investigator Awards Study Section. 2023 -

Served on over 30 NIH and CDC ad-hoc study sections including Health Disparities, Minority Health, and Risk Prevention from 2003 until present.

### **Professional memberships/service:**

1. International Society of Pharmacoeconomics and Outcomes Research (ISPOR)  
Member, Abstract/Papers review (2005 – present) and Awards committee (2008-2013)  
Reviewer, Contributed Workshop Session, ISPOR annual meeting 2004.  
Chairperson, Abstracts Review Committee, ISPOR annual meeting 2004.  
Co-Chair, Research Awards Committee, ISPOR annual meeting 2008- 2012.  
Co-Chair, Retrospective Database Special Interest Group 2004-2006  
Member, ISPOR Asia Consortium Advisory Committee  
ISPOR University of Michigan Student Chapter, Advisor, 2009 - present
2. Academy Health  
Conference Faculty, Academy for Health Services Research and Health Policy Annual Meeting, Atlanta, June 2001.  
Member, Abstracts Review Committee, Annual Research Meeting, June 2004.
3. American Academy of Dermatology  
Adjunct Conducted AAD specific research and represented AAD on several task forces and at the NIH.

4. American Heart Association

**Other Professional Appointments/Institutional Service**

University of Virginia

Member, UVA Cancer Center, 2015-  
Faculty Associate, Center for Health Policy, 2015 –  
Coordinator, Public Health Grand Rounds, 2015 –  
Senior Faculty Search Committee Member, Public Health and Cancer Center,  
2015-2017, Faculty Search Committee 2023.

University of Michigan

Faculty Associate, Center for Global Health, 2010-2012.  
Faculty Investigator, Kidney Epidemiology and Cost Center, 2013 – present  
Advisory Board Member, Child Health and Evaluation Research Unit, 2009 –  
present

University of Michigan College of Pharmacy

*School wide Committees:*

Pharm D Investigations Committee (2011 - )  
International Affairs Committee (2011 - )  
Technology Resources Advisory Committee (2009-11)

*Division Committees:*

Faculty Search Committee, Member, 2012.  
Ad Hoc Promotion Committee, 2011-12.

Ohio State University

University Diversity Committee  
Member, Primary Care Research Institute

Ohio State University College of Pharmacy

*School wide Committees:*

Curriculum Committee  
Technology and Educational Resources Advisory Committee (Chair, 2006-07)

*Division Committees:*

Education and Research Committee

University of Texas School of Public Health

SPH representative, University of Texas Health Sciences Center Awards  
Committee, 2003-2005.  
Division Director Search Committee, 2003.



Wake Forest University School of Medicine

Member, Fringe Benefits Committee, Wake Forest University School of Medicine 2002-2003.

Member, Diversity and Professional Development Committee, Public Health Sciences 2001-2003. Chair 2001-2.

Member, Center for Antibiotic Utilization Stewardship and Epidemiology(CAUSE) Advisory Board, Wake Forest University Baptist Medical Center 2001-2003.

**Journal Peer Review**

**Journal Editorial Board**

American Journal of Managed Care

Clinical Therapeutics

Journal of Health Economics and Outcomes Research

Journal of Dermatological Treatment

**Journal Reviewer (Select)**

American Journal of Clinical Dermatology

American Journal of Managed Care

American Journal of Respiratory and Critical Care Medicine

American Journal of Respiratory Medicine

Annals of Pharmacotherapy

BMC Health Services Research

British Journal of Dermatology

Canadian Medical Association Journal

Cancer Control

Clinical Drug Investigation

Clinical Therapeutics

Controlled Clinical Trials

Dermatologic Surgery

Drug Safety

European Heart Journal

Expert Opinion in Pharmacotherapy

Health Policy

Health Services and Outcomes Research Methodology

International Journal of Dermatology

JAMA -Journal of the American Medical Association

Journal of the American Academy of Dermatology

Journal of the American Geriatrics Society

Journal of the European Academy of Dermatology and Venereology

Journal of Behavioral Health Services and Research

Journal of General Internal Medicine

Journal of Healthcare for the Poor and the Underserved

Journal of Investigative Dermatology

Journal of the National Medical Association

Journal of Women's Health

Medical Care (Top reviewer, 2004, 2005)

Ophthalmology

Pharmacoeconomics

Pharmacoepidemiology and Drug Safety  
Pharmacotherapy  
Quality of Life Research  
Social Science and Medicine  
Value in Health

Revised: 05/10/23