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CURRICULUM VITAE

Raphael Fraser PhD

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EDUCATION:

08/1997 - 09/2001 B.S., Mathematics, University of the West Indies, Kingston
08/2003 - 11/2006 M.S., Biostatistics, University of the West Indies, Kingston
08/2010 - 08/2012 M.S., Statistics, Florida State University, Tallahassee, FL
08/2010 - 12/2015 Ph.D., Statistics, Florida State University, Tallahassee, FL

FACULTY APPOINTMENTS:

12/2004 - 09/2006 Assistant Lecturer of Biostatistics, Tropical Medicine Research Institute, Sickle Cell Unit, University of the West Indies, Kingston, Jamaica
09/2006 - 08/2010 Lecturer of Biostatistics, Tropical Medicine Research Institute, Sickle Cell Unit, University of the West Indies, Kingston, Jamaica
08/2015 - Present Assistant Professor of Biostatistics, Department of Medicine, Center for Advancing Population Science, Medical College of Wisconsin, Milwaukee, WI 53226

AWARDS AND HONORS:

01/2016 JSM Student Paper Competition Award Recipient. Awarded on behalf of the Social Statistics Section (SSS), the Government Statistics Section (GSS), and the Survey Research Methods Section (SRMS) of the American Statistical Association.

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

05/2007 - Present American Statistical Association
05/2007 - Present International Biometric Society
05/2007 - Present Biometric Section of the American Statistical Association
05/2007 - Present Institute of Mathematical Statistics
08/2015 - Present Wisconsin Chapter of the American Statistical Association
07/2018 - 06/2020 Wisconsin Chapter of the American Statistical Association (President)
07/2020 - 06/2021 Wisconsin Chapter of the American Statistical Association (Chapter Officer)
02/2024 - Present American Diabetes Association
02/2024 - Present Society of General Internal Medicine

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2018 - 2020 President, American Statistical Association Wisconsin Chapter
2020 - 2021 Chapter Officer, American Statistical Association Wisconsin Chapter

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

08/2015 - Present Statistician, Member, Blood And Marrow Transplant Clinical Trials Network

08/2015 - Present Statistical Director, Working Committee For Multiple Myeloma, Center for International Blood and Marrow Transplant

09/2016 - 09/2017 Co-Chair, Biostatistics Conference Committee, September 20-23, 2017, Medical College of Wisconsin

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	A Data Resource for Analyzing Blood and Marrow Transplants (Continuation)
Source:	National Institutes of Health/National Cancer Institute
Role:	Statistician
PI:	Mary Horowitz
Dates:	05/15/2003 - 04/30/2023
Direct Funds:	$19,814,194 (5U24 CA76518-22)

Title:	BMT CTN Data and Coordinating Center
Source:	NIH Heart Lung and Blood Institute
Role:	Statistician
PI:	Mary Horowitz
Dates:	09/01/2017 - 08/31/2024
Direct Funds:	$47,759,831

Title:	Blood And Marrow Transplant Clinical Research Network Data Coordinating Center
Source:	National Institutes of Health/National Heart, Lung, and Blood Institute
Role:	Statistician
PI:	Mary M. Horowitz
Dates:	09/15/2017 - 08/31/2024
Direct Funds:	$4,248,547 (1U24HL138660)

Prior

Peer Review

Title:	Blood And Marrow Transplant Clinical Trials Network Protocols 0803/0903
Source:	Westat, Inc.
Role:	Statistician
PI:	Mary M. Horowitz
Dates:	08/01/2011 - 08/31/2018
Direct Funds:	$4,006,680 (#8339-S04)

Title:	NMDP/Gilead Protocol 1602
Source:	National Marrow Donor Program
Role:	Statistician
PI:	Marcelo Pasquini
Dates:	09/01/2016 - 09/30/2017
Direct Funds:	$59,935

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Fraser, RA, A Guide To Implementing and Designing Sample Surveys, Biostatistics Lecture Series/Continuing Medical Education Program, Medical College Of Wisconsin, 12/2015

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Fraser RA, Lipsitz SR, Sinha D, Fitzmaurice GM, Pan Y, Median Regression for Complex Survey Data, Joint Statistical Meeting, Chicago, IL, 08/03/2016

COMMITTEE SERVICE:

Medical College of Wisconsin

09/2015 - 05/2022 Member, Plasma Cell Disorders and Solid Tumors Working Committee, Center for International Blood and Marrow Transplant Research, Froedtert and Medical College of Wisconsin

09/2015 - 08/2016 Chair, Preliminary Ph.D. Examination Committee On Theoretical Statistics, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2016 - 09/2017 Co-chair, National Conference On Biostatistics & Grant-writing Workshop, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2016 - 08/2017 Chair, Preliminary Ph.D. Examination Committee On Applied Statistics, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2016 - Present Member, Curriculum and Evaluation Committee, Medical College of Wisconsin

09/2016 - 08/2017 Chair & Editor, Datum Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

08/2017 - 05/2018 Chair, Research Seminar Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2017 - 08/2018 Member, Preliminary Ph.D. Examination Committee On Theoretical Statistics, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

01/2018 - Present Member, PhD Graduate Student Admissions Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

08/2018 - 08/2019 Member, Preliminary Ph.D. Examination Committee On Applied Statistics, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2018 - 08/2019 Chair, Research Seminar Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

08/2019 - 08/2020 Member, Preliminary Ph.D. Examination Committee On Applied Statistics, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

08/2019 - 05/2020 Member, Research Seminar Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2019 - 08/2020 Member, Research Seminar Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

09/2019 - 08/2020 Organizer, Clinical Trials and Study Design Group, Strategic Planning Working Committee, Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

Hospital

09/2015 - 05/2022 Member, Cancer Center Scientific Review Committee, Froedtert Hospital

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

08/2015 - 12/2015 BIOST 04200 Introduction to Biostatistics I

Graduate Student Education

01/2016 - 05/2016 MPH 18204 Introduction to Biostatistics

06/2016 - 08/2016 BIOST 04295 Readings and Research

01/2017 - 05/2017 BIOST 04285 Introduction to Bayesian Statistics

01/2018 - 05/2018 MPH 18204 Introduction to Biostatistics

08/2018 - 12/2018 BIOST 04214 Design and Analysis of Clinical Trials

08/2018 - 12/2018 BIOST 04220A Research Seminar

01/2019 - 05/2019 BIOST 04220A Research Seminar
01/2020 - 05/2020 BIOST 04232 Statistical Models and Methods II
08/2020 - 12/2020 BIOST 04365 Linear Models I
01/2022 - 05/2022 MPH 18204 Introduction to Biostatistics

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Faculty

Binod Dhakal, M.D., Clinical and Translational Science Institute, Clinical Research Scholars Program, MCW, 08/2015 - 05/2016 Biostatistics mentor

Ramapriya Sinnakirouchenan, M.D., Clinical and Translational Science Institute, Clinical Research Scholars Program, MCW, 08/2015 - 05/2017 Biostatistics mentor

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Gordon-Strachan, G., Cunningham?Myrie, C., Fox, K., Kirton, C., Fraser, R., McLeod, G., & Forrester, T. Richer but fatter: the unintended consequences of microcredit financing on household health and expenditure in Jamaica. Tropical Medicine & International Health, 2007; 20(1), 67-76.
2. King L, Fraser R, Forbes M, Grindley M, Ali S, Reid M. Newborn sickle cell disease screening: the Jamaican experience (1995-2006). J Med Screen. 2007;14(3):117-22.
3. Ali, S., Fraser, R., Reid, M., & Ali, A. Seizures predict increased mortality in patients with sickle cell disease (SCD). In Epilepsia 2008, Jan. (vol. 49, pp. 242-243).
4. Cumming V, King L, Fraser R, Serjeant G, Reid M. Venous incompetence, poverty and lactate dehydrogenase in Jamaica are important predictors of leg ulceration in sickle cell anaemia. Br J Haematol. 2008 Jul;142(1):119-25.
5. Hardie R, King L, Fraser R, Reid M. Prevalence of pneumococcal polysaccharide vaccine administration and incidence of invasive pneumococcal disease in children in Jamaica aged over 4 years with sickle cell disease diagnosed by newborn screening. Ann Trop Paediatr. 2009 Sep;29(3):197-202.
6. Asnani MR, Fraser R, Lewis NA, Reid ME. Depression and loneliness in Jamaicans with sickle cell disease. BMC Psychiatry. 2010 Jun 07;10:40. PMCID: PMC2894759
7. Boyne MS, Thame M, Osmond C, Fraser RA, Gabay L, Reid M, Forrester TE. Growth, body composition, and the onset of puberty: longitudinal observations in Afro-Caribbean children. J Clin Endocrinol Metab. 2010 Jul;95(7):3194-200.
8. Boyne MS, Osmond C, Fraser RA, Reid M, Taylor-Bryan C, Soares-Wynter S, Forrester TE. Developmental origins of cardiovascular risk in Jamaican children: the Vulnerable Windows Cohort study. Br J Nutr. 2010 Oct;104(7):1026-33.
9. Campbell CP, Barnett AT, Boyne MS, Soares-Wynter S, Osmond C, Fraser RA, Badaloo AV, Taylor-Bryan C, Forrester TE. Predictors of physical activity energy expenditure in Afro-Caribbean children. Eur J Clin Nutr. 2010 Oct;64(10):1093-100.
10. Ali SB, Reid M, Fraser R, MooSang M, Ali A. Seizures in the Jamaica cohort study of sickle cell disease. Br J Haematol. 2010 Nov;151(3):265-72.
11. Serjeant GR, Serjeant BE, Fraser RA, Hambleton IR, Higgs DR, Kulozik AE, Donaldson A. Hb S-?-thalassemia: molecular, hematological and clinical comparisons. Hemoglobin. 2011;35(1):1-12.
12. Asnani MR, Fraser RA, Reid ME. Higher rates of hemolysis are not associated with albuminuria in Jamaicans with sickle cell disease. PLoS One. 2011 Apr 14;6(4):e18863. PMCID: PMC3077410
13. Gordon-Perue G, Gayle F, Fraser R, Ali A. Quality of life of patients with epilepsy living in Kingston, Jamaica. Epilepsy Behav. 2011 May;21(1):23-6.
14. Lawrence-Wright MB, Boyne MS, Osmond C, Fraser RA, Soares-Wynter S, Thame M, Reid M, Taylor-Bryan C, Forrester TE. The effect of feto-maternal size and childhood growth on left ventricular mass and arterial stiffness in Afro-Caribbean children. J Hum Hypertens. 2011 Jul;25(7):457-64.
15. King L, Fraser R, Forbes M, Grindley M, Ali SB, Reid M. Newborn screening in Jamaica: inaccurate reference. Am J Prev Med. 2012 Jun;42(6):e101.
16. Boyne, M. S., Thame, M., Osmond, C., Fraser, R, Gabay, L. A., Taylor-Bryan, C., & Forrester, T. E. (2013). MON-605: The association of puberty with cardiometabolic risk factors in Afro-Caribbean children.

Endocrine Society's 95th Annual Meeting-San Francisco.
17. Boyne MS, Thompson DS, Osmond C, Fraser RA, Thame MM, Taylor-Bryan C, Soares-Wynter S, Forrester TE. The effect of antenatal factors and postnatal growth on serum adiponectin levels in children. J Dev Orig Health Dis. 2013 Aug;4(4):317-23.
18. Boyne MS, Thame M, Osmond C, Fraser RA, Gabay L, Taylor-Bryan C, Forrester TE. The effect of earlier puberty on cardiometabolic risk factors in Afro-Caribbean children. J Pediatr Endocrinol Metab. 2014 May;27(5-6):453-60.
19. Gordon-Strachan G, Cunningham-Myrie C, Fox K, Kirton C, Fraser R, McLeod G, Forrester T. Richer but fatter: the unintended consequences of microcredit financing on household health and expenditure in Jamaica. Trop Med Int Health. 2015 Jan;20(1):67-76.
20. Fraser RA, Lipsitz SR, Sinha D, Fitzmaurice GM, Pan Y. Approximate median regression for complex survey data with skewed response. Biometrics. 2016 Dec;72(4):1336-1347. PMCID: PMC5055849
21. Dhakal B, Nelson A, Guru Murthy GS, Fraser R, Eastwood D, Hamadani M, Pasquini M, D'Souza A, Hari P. Autologous Hematopoietic Cell Transplantation in Patients With Multiple Myeloma: Effect of Age. Clin Lymphoma Myeloma Leuk. 2017 Mar;17(3):165-172.
22. Mahindra A, Hari P, Fraser R, Fei M, Huang J, Berdeja J, Callander N, Costa L, Diaz MA, Freytes C, Gale RP, Girnius S, Holmberg L, Kharfan-Dabaja M, Kumar S, Kyle R, Lazarus H, Lee C, Maiolino A, Moreb J, Nishihori T, Pawarode A, Saad A, Savani BN, Schriber J, William B, Wirk BM, Krishnan A, Nieto Y, D'Souza A. Autologous hematopoietic cell transplantation for multiple myeloma patients with renal insufficiency: a center for international blood and marrow transplant research analysis. Bone Marrow Transplant. 2017 Dec;52(12):1616-1622. PMCID: PMC5859934
23. Dhakal B, Kreuziger LB, Rein L, Kleman A, Fraser R, Aster RH, Hari P, Padmanabhan A. Disease burden, complication rates, and health-care costs of heparin-induced thrombocytopenia in the USA: a population-based study. Lancet Haematol. 2018 May;5(5):e220-e231. PMCID: PMC6437775
24. Kumar SK, Dispenzieri A, Fraser R, Mingwei F, Akpek G, Cornell R, Kharfan-Dabaja M, Freytes C, Hashmi S, Hildebrandt G, Holmberg L, Kyle R, Lazarus H, Lee C, Mikhael J, Nishihori T, Tay J, Usmani S, Vesole D, Vij R, Wirk B, Krishnan A, Gasparetto C, Mark T, Nieto Y, Hari P, D'Souza A. Early relapse after autologous hematopoietic cell transplantation remains a poor prognostic factor in multiple myeloma but outcomes have improved over time. Leukemia. 2018 Apr;32(4):986-995. PMCID: PMC5871538
25. Scott EC, Hari P, Kumar S, Fraser R, Davila O, Shah N, Gale RP, Diaz MA, Agrawal V, Cornell RF, Ganguly S, Akpek G, Freytes C, Hashmi S, Malek E, Kamble RT, Lazarus H, Solh M, Usmani SZ, Kanate AS, Saad A, Chhabra S, Gergis U, Cerny J, Kyle RA, Lee C, Kindwall-Keller T, Assal A, Hildebrandt GC, Holmberg L, Maziarz RT, Nishihori T, Seo S, Kumar S, Mark T, D'Souza A. Staging Systems for Newly Diagnosed Myeloma Patients Undergoing Autologous Hematopoietic Cell Transplantation: The Revised International Staging System Shows the Most Differentiation between Groups. Biol Blood Marrow Transplant. 2018 Dec;24(12):2443-2449. PMCID: PMC6293469
26. Addesso LC, Nimmer M, Visotcky A, Fraser R, Brousseau DC. Impact of Medical Scribes on Provider Efficiency in the Pediatric Emergency Department. Acad Emerg Med. 2019 Feb;26(2):174-182.
27. Gopalakrishnan S, D'Souza A, Scott E, Fraser R, Davila O, Shah N, Gale RP, Kamble R, Diaz MA, Lazarus HM, Savani BN, Hildebrandt GC, Solh M, Freytes CO, Lee C, Kyle RA, Usmani SZ, Ganguly S, Assal A, Berdeja J, Kanate AS, Dhakal B, Meehan K, Kindwall-Keller T, Saad A, Locke F, Seo S, Nishihori T, Gergis U, Gasparetto C, Mark T, Nieto Y, Kumar S, Hari P. Revised International Staging System Is Predictive and Prognostic for Early Relapse (<24 months) after Autologous Transplantation for Newly Diagnosed Multiple Myeloma. Biol Blood Marrow Transplant. 2019 Apr;25(4):683-688. PMCID: PMC6453717
28. Kilari, D., Hari, P., Qayed, M., Fraser, R., Davila, O., Kumar, S., Mark, T.M., Nieto, Y. and D'Souza, A., 2018. Tandem high-dose chemotherapy and autologous hematopoietic stem cell transplantation (SCT) compared to single SCT for relapsed/refractory germ cell tumors (GCT). Journal of Clinical Oncology 2018 36:6 suppl, 572-572
29. Vyles D, Mistry RD, Heffner V, Drayna P, Chiu A, Visotcky A, Fraser R, Brousseau DC. Reported Knowledge and Management of Potential Penicillin Allergy in Children. Acad Pediatr. 2019 Aug;19(6):684-690.
30. Kilari D, D'Souza A, Fraser R, Qayed M, Davila O, Agrawal V, Diaz MA, Chhabra S, Cerny J, Copelan E, Farhadfar N, Freytes CO, Gale RP, Ganguly S, Hildebrandt GC, Holmberg L, Kamble RT, Kapoor P, Lazarus H, Lee C, Murthy HS, Naik S, Nishihori T, Saad A, Savani BN, Seo S, Warwick A, Wirk B, Yared JA, Nieto Y, Hari P. Autologous Hematopoietic Stem Cell Transplantation for Male Germ Cell

Tumors: Improved Outcomes Over 3 Decades. Biol Blood Marrow Transplant. 2019 Jun;25(6):1099-1106. PMCID: PMC6559839

31. Bolaños-Meade J, Reshef R, Fraser R, Fei M, Abhyankar S, Al-Kadhimi Z, Alousi AM, Antin JH, Arai S, Bickett K, Chen YB, Damon LE, Efebera YA, Geller NL, Giralt SA, Hari P, Holtan SG, Horowitz MM, Jacobsohn DA, Jones RJ, Liesveld JL, Logan BR, MacMillan ML, Mielcarek M, Noel P, Pidala J, Porter DL, Pusic I, Sobecks R, Solomon SR, Weisdorf DJ, Wu J, Pasquini MC, Koreth J. Three prophylaxis regimens (tacrolimus, mycophenolate mofetil, and cyclophosphamide; tacrolimus, methotrexate, and bortezomib; or tacrolimus, methotrexate, and maraviroc) versus tacrolimus and methotrexate for prevention of graft-versus-host disease with haemopoietic cell transplantation with reduced-intensity conditioning: a randomised phase 2 trial with a non-randomised contemporaneous control group (BMT CTN 1203). Lancet Haematol. 2019 Mar;6(3):e132-e143. PMCID: PMC6503965
32. Bemanian A, Cassidy LD, Fraser R, Laud PW, Saeian K, Beyer KMM. Racial disparities of liver cancer mortality in Wisconsin. Cancer Causes Control. 2019 Dec;30(12):1277-1282. PMCID: PMC6858574
33. Vyles D, Chiu A, Routes J, Castells M, Phillips EJ, Visotcky A, Fraser R, Pezzin L, Brousseau DC. Oral amoxicillin challenges in low-risk children during a pediatric emergency department visit. J Allergy Clin Immunol Pract. 2020 Mar;8(3):1126-1128.e1. PMCID: PMC7332348
34. Brousseau DC, Muslu CS, Visotcky A, Fraser R, Kavanagh PL, Chelius TH, Schuh AM. Teaching Versus Nonteaching Hospitals: Where Children With Sickle Cell Disease Receive Their Emergency Department Care. J Pediatr Hematol Oncol. 2020 Aug;42(6):412-413.
35. Dhakal B, Patel S, Girnius S, Bachegowda L, Fraser R, Davila O, Kanate AS, Assal A, Hanbali A, Bashey A, Pawarode A, Freytes CO, Lee C, Vesole D, Cornell RF, Hildebrandt GC, Murthy HS, Lazarus HM, Cerny J, Yared JA, Schriber J, Berdeja J, Stockerl-Goldstein K, Meehan K, Holmberg L, Solh M, Diaz MA, Kharfan-Dabaja MA, Farhadfar N, Bashir Q, Munker R, Olsson RF, Gale RP, Bayer RL, Seo S, Chhabra S, Hashmi S, Badawy SM, Nishihori T, Gonsalves W, Nieto Y, Efebera Y, Kumar S, Shah N, Qazilbash M, Hari P, D'Souza A. Hematopoietic cell transplantation utilization and outcomes for primary plasma cell leukemia in the current era. Leukemia. 2020 Apr 20. doi: 10.1038/s41375-020-0830-0. PMID: 32313109
36. Muslu CS, Kopetsky M, Nimmer M, Visotcky A, Fraser R, Brousseau DC. The association between timely opioid administration and hospitalization in children with sickle cell disease presenting to the emergency department in acute pain. Pediatr Blood Cancer. 2020 Sep;67(9):e28268. PMCID: PMC7674235
37. Dhakal B, D'Souza A, Callander N, Chhabra S, Fraser R, Davila O, Anderson K, Assal A, Badawy SM, Berdeja J, Cerny J, Comenzo R, Chakraborty R, Peter Gale R, Kamble R, Kharfan-Dabaja MA, Krem M, Ganguly S, Janakiram M, Kansagra A, Munker R, Murthy H, Patel S, Kumar S, Shah N, Qazilbash M, Hari P. Novel prognostic scoring system for autologous hematopoietic cell transplantation in multiple myeloma. Br J Haematol. 2020 Nov;191(3):442-452. PMCID: PMC7990054
38. Badar T, Hari P, Dávila O, Fraser R, Wirk B, Dhakal B, Freytes CO, Rodriguez Valdes C, Lee C, Vesole DH, Malek E, Hildebrandt GC, Landau H, Murthy HS, Lazarus HM, Berdeja JG, Meehan KR, Solh M, Diaz MA, Kharfan-Dabaja MA, Callander NS, Farhadfar N, Bashir Q, Kamble RT, Vij R, Munker R, Kyle RA, Chhabra S, Hashmi S, Ganguly S, Jagannath S, Nishihori T, Nieto Y, Kumar S, Shah N, D'Souza A. African Americans with translocation t(11;14) have superior survival after autologous hematopoietic cell transplantation for multiple myeloma in comparison with Whites in the United States. Cancer. 2021 Jan 01;127(1):82-92. PMCID: PMC7736245
39. Schroter S, Thomas D, Nimmer M, Visotcky A, Fraser R, Colella MR, Browne LR. Multimedia Evaluation of EMT-Paramedic Assessment and Management of Pediatric Respiratory Distress. Prehosp Emerg Care. 2021;25(5):664-674.
40. Cornell RF, Fraser R, Costa L, Goodman S, Estrada-Merly N, Lee C, Hildebrandt G, Gergis U, Farhadfar N, Freytes CO, Kamble RT, Krem M, Kyle RA, Lazarus HM, Marks DI, Meehan K, Patel SS, Ramanathan M, Olsson RF, Wagner JL, Kumar S, Qazilbash MH, Shah N, Hari P, D'Souza A. Bortezomib-Based Induction Is Associated with Superior Outcomes in Light Chain Amyloidosis Patients Treated with Autologous Hematopoietic Cell Transplantation Regardless of Plasma Cell Burden Transplantation and Cellular Therapy. 2021.
41. Fraser RA, Lipsitz SR, Sinha D, Fitzmaurice GM. A note on median regression for complex surveys. Biostatistics. 2022 Oct 14;23(4):1074-1082.
42. Bemanian A, Cassidy LD, Fraser R, Laud PW, Saeian K, Beyer KMM. Ecological Study of Variability in the Relationship between Liver Cancer Mortality and Racial Residential Segregation. Int J Environ Res Public Health. 2021 Sep 15;18(18). PMCID: PMC8465489

43. Dhakal B, Patel S, Girnius S, Bachegowda L, Fraser R, Davila O, Kanate AS, Assal A, Hanbali A, Bashey A, Pawarode A, Freytes CO, Lee C, Vesole D, Cornell RF, Hildebrandt GC, Murthy HS, Lazarus HM, Cerny J, Yared JA, Schriber J, Berdeja J, Stockerl-Goldstein K, Meehan K, Holmberg L, Solh M, Diaz MA, Kharfan-Dabaja MA, Farhadfar N, Bashir Q, Munker R, Olsson RF, Gale RP, Bayer RL, Seo S, Chhabra S, Hashmi S, Badawy SM, Nishihori T, Gonsalves W, Nieto Y, Efebera Y, Kumar S, Shah N, Qazilbash M, Hari P, D'Souza A. Correction to: Hematopoietic cell transplantation utilization and outcomes for primary plasma cell leukemia in the current era. Leukemia. 2021 Jul;35(7):2141.
44. Dhakal B, Patel S, Girnius S, Bachegowda L, Fraser R, Davila O, Kanate AS, Assal A, Hanbali A, Bashey A, Pawarode A, Freytes CO, Lee C, Vesole D, Cornell RF, Hildebrandt GC, Murthy HS, Lazarus HM, Cerny J, Yared JA, Schriber J, Berdeja J, Stockerl-Goldstein K, Meehan K, Holmberg L, Solh M, Diaz MA, Kharfan-Dabaja MA, Farhadfar N, Bashir Q, Munker R, Olsson RF, Gale RP, Bayer RL, Seo S, Chhabra S, Hashmi S, Badawy SM, Nishihori T, Gonsalves W, Nieto Y, Efebera Y, Kumar S, Shah N, Qazilbash M, Hari P, D'Souza A. Correction to: Hematopoietic cell transplantation utilization and outcomes for primary plasma cell leukemia in the current era. Leukemia. 2021 Jun;35(6):1828. PMCID: PMC8188513
45. Cornell RF, Fraser R, Costa L, Goodman S, Estrada-Merly N, Lee C, Hildebrandt G, Gergis U, Farhadfar N, Freytes CO, Kamble RT, Krem M, Kyle RA, Lazarus HM, Marks DI, Meehan K, Patel SS, Ramanathan M, Olsson RF, Wagner JL, Kumar S, Qazilbash MH, Shah N, Hari P, D'Souza A. Bortezomib-Based Induction Is Associated with Superior Outcomes in Light Chain Amyloidosis Patients Treated with Autologous Hematopoietic Cell Transplantation Regardless of Plasma Cell Burden. Transplant Cell Ther. 2021 Mar;27(3):264.e1-264.e7. PMCID: PMC8010222
46. Scott BL, Pasquini MC, Fei M, Fraser R, Wu J, Devine SM, Porter DL, Maziarz RT, Warlick E, Fernandez HF, Soiffer RJ, Alyea E, Hamadani M, Bashey A, Giralt S, Geller NL, Leifer E, Hourigan CS, Gui G, Mendizabal A, Horowitz MM, Deeg HJ, Horwitz ME. Myeloablative versus Reduced-Intensity Conditioning for Hematopoietic Cell Transplantation in Acute Myelogenous Leukemia and Myelodysplastic Syndromes-Long-Term Follow-Up of the BMT CTN 0901 Clinical Trial. Transplant Cell Ther. 2021 Jun;27(6):483.e1-483.e6. PMCID: PMC8217373
47. Bumma N, Dhakal B, Fraser R, Estrada-Merly N, Anderson K, Freytes CO, Hildebrandt GC, Holmberg L, Krem MM, Lee C, Lekakis L, Lazarus HM, Mian H, Murthy HS, Nathan S, Nishihori T, Parrondo R, Patel SS, Solh M, Strouse C, Vesole DH, Kumar S, Qazilbash MH, Shah N, D'Souza A, Sidana S. Impact of bortezomib-based versus lenalidomide maintenance therapy on outcomes of patients with high-risk multiple myeloma. Cancer. 2023 Jul 15;129(14):2179-2191. PMCID: PMC10516285
48. Fraser RA. Inappropriate use of statistical power. Bone Marrow Transplant. 2023 May;58(5):474-477.
49. Baumer-Mouradian SH, Hart RJ, Visotcky A, Fraser R, Prasad S, Levas M, Nimmer M, Brousseau DC. Understanding Influenza and SARS-CoV-2 Vaccine Hesitancy in Racial and Ethnic Minority Caregivers. Vaccines (Basel). 2022 Nov 20;10(11). PMCID: PMC9697963
50. Zenga J, Atkinson S, Yen T, Massey B, Stadler M, Bruening J, Peppard W, Reuben M, Hayward M, Mesich B, Buchan B, Ledeboer N, Sanchez JL, Fraser R, Lin CW, Holtz ML, Awan M, Wong SJ, Puram SV, Salzman N. A phase 2 trial of a topical antiseptic bundle in head and neck cancer surgery: Effects on surgical site infection and the oral microbiome. EBioMedicine. 2022 Jul;81:104099. PMCID: PMC9168040
51. Kansagra A, Dispenzieri A, Fraser R, Estrada-Merly N, Sidana S, Nishihori T, Hansen DK, Anderson LD Jr., Banerjee R, Bumma N, Dhakal B, Khouri J, Landau H, Lee C, Mian H, Nathan S, Savani B, Kumar S, Qazilbash M, Shah N, D'Souza A. Outcomes after autologous hematopoietic cell transplantation in POEMS syndrome and comparison with multiple myeloma. Blood Adv. 2022 Jul 12;6(13):3991-3995. PMCID: PMC9278304
52. Polhemus S, Pickett ML, Liu XJ, Fraser R, Ferguson CC, Drendel AL. Racial Disparities in the Emergency Department Evaluation of Adolescent Girls. Pediatr Emerg Care. 2022 Jul 01;38(7):307-311.
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Abstracts

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2. Mahindra A, Hari P, Fraser R, Fei Mingwei, Mark T, Nieto Y, D'Souza, A. Patients with Renal Insufficiency and Multiple Myeloma have Similar Outcomes after Autologous Hematopoietic Cell Transplantation as those without. Oral presentation at 58th Annual Meeting of the American Society of Hematology, Blood 2016
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