Research Advances

The effect of transplant volume and patient case mix on center variation in kidney transplantation outcomes.

Previous studies from the U.S., Canada and Europe have found variation in graft and patient-survival rates between kidney transplant centers. In this study Dr. Gregory Knoll and colleagues compared the graft and patient survival rates across 5 transplant centers in Ontario to determine if centers with a higher volume of kidney transplants had improved patient graft and transplant survival. Kidney transplant recipients between 2000 and 2013 were identified using the Canadian Organ Replacement Register (CORR). After data analysis Dr. Knoll and colleagues found statistically significant variation in graft and patient-survival rates across kidney transplant centers in Ontario. The association between center volume and graft survival was not statistically significant though there was a tendency towards reduced risk of graft loss in centers with higher volumes. Further study of factors, other than transplant volume and patient mix, will improve the understanding of the difference in graft and patient survival rates between kidney transplant centers in Ontario.


Join our community!
Follow us on Twitter @krc_events
Find us on Facebook @krcevents

Donate—Support Research Online
The Ottawa Hospital Foundation https://bit.ly/2SeEKWO
or
Mail-in
1) Complete the donation form
2) Mail donation along with donation form to:
The Ottawa Hospital Kidney Research Centre
2518-451 Smyth Road
Ottawa ON K1H 8M5

Living Kidney Donor Program
Information regarding The Ottawa Hospital’s Living Kidney Donor program is available on The Ottawa Hospital website.
www.ottawahospital.on.ca/en/clinical-services/deptpgrms/programs/kidney-donation/

Posters and Presentations


The KRC Newsflash is published by scientists and staff at the KRC. For more information, please contact the KRC Administrative Assistant, Jennifer Brownrigg.
Email: jebrownrigg@ohri.ca
Tel. 613-562-5800 x.8240
http://www.ohri.ca/centres/KRC/

The dedicated laboratory scientists and clinician investigators at the Ottawa Hospital Research Institute’s Kidney Research Centre (KRC) work together to improve the lives of people affected by kidney disease.

3. Administration of miR-486-5p protects against kidney ischemic injury and alters the transcriptome in male and female mice. Vinas J, Spence M, Zimpelmann J, Douvris A, Gutsol A, Campbell PA, Porter C, Burns KD.

4. Podocyte Nox5 expression increases microparticle formation and oxidative stress in mice. Battaion H, Holterman CE, Burger D, Kennedy CR.


21. The phenotype of intentional nonadherence and the role of direct measurement. Dr. Marcel Ruzicka speaker, Clinical Practice Session.
Awards & Distinctions

Dr. Dylan Burger was awarded a grant from the Jean Sealy Trust for Cancer Research to study a new predictive test for identifying venous thromboembolism in cancer patients. Venous thromboembolism is a blood clot that forms in the veins of the leg, groin, or arm. It can travel through the circulation to the lungs causing a blockage (termed a pulmonary embolism) and is a major cause of death and disability in patients with cancer. Together with Dr. Phillip Wells at The Ottawa Hospital, Dr. Burger will determine whether a new test, based on measuring small particles in the blood, can identify individuals at risk of developing venous thromboembolism in cancer.

Dr. Ted Clark was awarded a grant of $40,000 from The Ottawa Hospital Department of Medicine for “Exploring the relationship between mitochondrial health and hemodynamic instability related to renal replacement therapy in critically ill patients”.

Retirement of KRC Research Nurse Val Cronin

After moving from Winnipeg to Ottawa, Val Cronin worked as a clinical nurse at the University of Ottawa Heart Institute from 1988 to 2001. She then applied her extensive skills to research and joined the Rehabilitation Centre at The Ottawa Hospital as a Research Coordinator from 2001 to 2007. It was also during this time that she joined the Kidney Research Centre. She has been an outstanding asset to our team.

Val is passionate about research and patient care. Her attention to detail, knowledge and kindness are widely known. Our entire research group will miss her.

Community Outreach

Bill C-316 Organ and Tissue Donation Bill

Conservative MP Bill Webber has made the list of MPs allowed to introduce private members legislation in the current session of Parliament. Mr. Webber will reintroduce Bill C-316, a bill to collect organ and tissue donation consent on Canadian income tax return forms to maintain or establish provincial or territorial registries. To follow the Bill’s progress, visit the Support Bill C-316 Facebook page, https://www.facebook.com/BillC316/.

KRC Annual Report

The 2018-2019 KRC Annual Report is available on the KRC website.

La Serata Italiana

Saturday March 7, 2020
For Tickets:
Giuseppe Pasian 613-324-7533
Wilma Bianco 613-226-2708
Anna Monteduro 613-296-2660

The dedicated laboratory scientists and clinician investigators at the Ottawa Hospital Research Institute’s Kidney Research Centre (KRC) work together to improve the lives of people affected by kidney disease.