

Can-SOLVE CKD in British Columbia

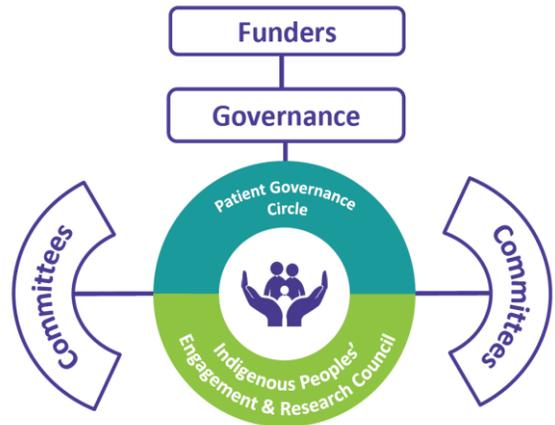


From left to right, top to bottom: Blanket ceremony at Vancouver Aboriginal Friendship Centre; Indigenous patient partner, Howard Vincent speaking on hemodialysis symptoms; Patient Partner, Kate Chong telling her story at Shine-a-Light Kidney Gala; Kidney Check nurses training; BC Investigators: Drs. Adeera Levin, Tom Blydt-Hanson, Sean Barbour, Mike Bevilacqua, Kelsey Louie and Mercedeh Kiaii

Can-SOLVE CKD is a Canada-wide network of kidney patients, researchers, health care providers, policy-makers, and caregivers. We are seeking solutions and innovations that will transform kidney health for the four million Canadians living with chronic kidney disease.

Our vision: *Every Canadian living with or at risk for chronic kidney disease will receive the best recommended care, experience optimal outcomes, and have the opportunity to participate in studies with new therapies.*

Patients are at the heart of everything we do



Economic footprint



Our Partners



THE UNIVERSITY OF BRITISH COLUMBIA



First Nations Health Authority
Health through wellness



Can-SOLVE CKD Operations Team



The network's core administration team is based in Vancouver, and Dr. Adeera Levin, one of the network's co-principal investigators, is based at St. Paul's Hospital in addition to her role as Executive Director of BC Renal. Many of the network's infrastructure initiatives to bolster kidney research across Canada have been developed in BC. This includes **KidneyLink**, an online platform for connecting patients

to research opportunities, and **KidneyPro**, a training curriculum to help research teams build patient engagement skills. The team also spearheaded further development of the **Canadian Nephrology Trials Network** to increase the quality and capacity of kidney clinical trials nationally.

BC Research Projects

Kidney Check

BC Lead: Dr. Adeera Levin & Dr. Kelsey Louie
Kidney Check, in partnership with First Nations Health Authority, is bringing kidney, diabetes and blood pressure checks to rural and remote Indigenous communities in BC. The project team is partnering with 13 communities to develop a locally acceptable program, which helps to identify healthy kidneys as well as those with mild, moderate or severe kidney problems.

iCARE

BC Lead: Dr. Tom Blydt-Hansen
The national study will follow 400 children living with type 2 diabetes for two years and assess both heart and kidney outcomes. The goal is to determine the risks that contribute to kidney damage.

Personalized Care in ADPKD

BC Leads: Dr. Adeera Levin & Dr. Mike Bevilacqua
This study aims to evaluate the use of genetic testing and 3D ultrasound for kidney volume measurement in patients with Autosomal Dominant Polycystic Kidney Disease. A clinical trial for a repurposed drug, Salsalate to treat PKD will also be conducted.

Precision Medicine in Diabetic Kidney Disease

BC Lead: Dr. Sean Barbour
This project will use new techniques for molecular analysis of archival biopsies in order to develop a personalized medicine approach to diagnosis and treatment of diabetic kidney disease.

Risk Prediction to Support Shared Decision Making

BC Lead: Dr. Adeera Levin
This project aims to develop tools that can help doctors share personalized information on the benefits and risks of having a heart procedure.

Triple I: Information, Interaction, Individualization

BC Lead: Dr. Claire Harris
Patients on hemodialysis want better information, improved interactions with their healthcare team and more individualized care. The goal of this project is to identify the top priorities to improve hemodialysis care in all three of these areas.

Canadian Glomerulonephritis Registry

BC Lead: Dr. Sean Barbour
Glomerulonephritis (GN) treatments have many side effects and we need better methods to individualize care. This project will create a network to develop personalized treatments and identify new ways of detecting who is at high-risk.

ACHIEVE

BC Leads: Dr. Mercedeh Kiaii (Vancouver), Dr. Joslyn Conley & Dr. Marie Michaud (Kelowna)
This randomized controlled trial will determine if spironolactone reduces deaths and hospitalizations due to heart failure in hemodialysis patients.

STOP Med-HD

BC Lead: Dr. Monice Beaulieu & Judith Marin
Patient Partner: Dennis McCann
This project will develop tools to help reduce the use of medications that lack evidence for effectiveness and safety in hemodialysis patients.

Learn more: cansolveckd.ca