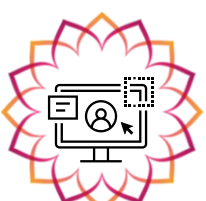



Trends in the Burden of Ischemic Heart Disease Among Patients with Chronic Kidney Disease in Alberta


Methods



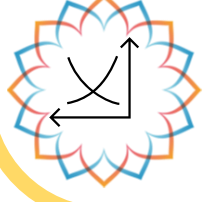
Retrospective cohort from the Alberta Kidney Disease Network



Adults with CKD diagnosed with IHD 2003-2019.



CKD → standard methods. IHD, STEMI, and NSTEMI → ICD-10 codes



Trends in adjusted prevalence and incidence of IHD were assessed



3,419,812 individuals



43.8% female



Mean age **57.1** years



91.3% had eGFR ≥ 60 ml/min/m²
8.3% had eGFR 30-59 ml/min/m²

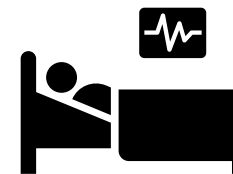
Results



Patients with eGFR 45-59 ml/min/m² had higher prevalence of IHD, compared to patients with eGFR ≥ 60 ml/min/m² (annual rate of change of 0.86)



Decreasing incidence of IHD across all eGFR from 2003 to 2019



STEMI: except for eGFR 45-59 ml/min/m² (IRR 0.93, 95% CI: 0.87-1.00)

NSTEMI: except for eGFR < 15 ml/min/m² (IRR 0.96, 95% CI: 0.91-1.02)