eligibility criteria
- chronic hemodialysis patients for at least 3 months at Aachen University Hospital and associated outpatient dialysis centers,
- ≥ 18 years,
- patients capable and willing to give written and informed consent,

exclusion criteria
- less than three haemodialysis sessions per week,
- anticipated living kidney donation,
- permanent or current atrial fibrillation,
- body weight exceeding 130 kg,
- immobility
- severe comorbidities requiring medical assistance during transport and CT scanning$,
- history of coronary bypass surgery, coronary stent implantation or aortic valve surgery$$

$ decision was based on medical history and interview with the treating nephrologist
$$ evaluated by obtaining medical history and chart review by study team

participants
n = 67 for AVC assessment
n = 65 for CAC assessment $$$

$$ In two patients the presence of coronary stents was not documented prior to CT scanning and these patients were excluded from CAC analyses.