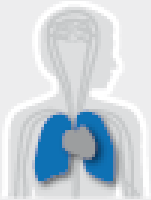
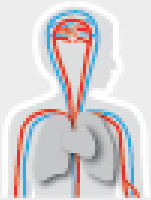


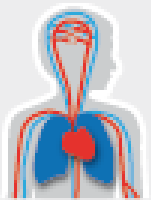
Heart Failure & Arrhythmias



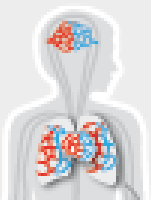
Pulmonary Hypertension
& Thrombosis



Atherosclerosis
& Ischemic Syndromes



Diabetes & Metabolism



Microcirculation

Focus of research group (I)

Name PI: Petra Elders

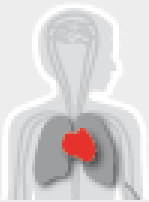
Department, UMC: General Practice and Elderly Care, VUmc

Size of research group: 2 post doc / 5 PhD

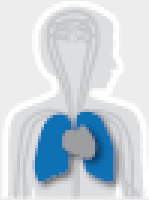
Current mission, vision and aims

To improve primary care of diabetes and other chronic diseases by improving and disseminating knowledge on:

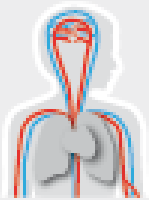
- Epidemiology and pathophysiology of type 2 diabetes
- Prevention of type 2 diabetes
- Diabetes care and diabetes care models
- osteoporosis and other chronic care models
- Extra focus on low social economic status and low health literacy
- Development and testing alternative interventions to improve primary care for Diabetes and chronic diseases
- and to translate this knowledge tot clinical practice



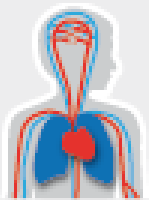
Heart Failure & Arrhythmias



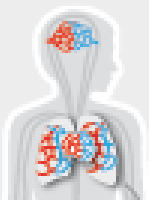
Pulmonary Hypertension
& Thrombosis



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Diabetes & Metabolism



Microcirculation

Focus of research group (II)

Current expertise

Epidemiology and pathophysiology of diabetes and osteoporosis

Chronic care models

Observational and intervention studies in primary care (mixed methods and effects studies)

Health behaviour and its determinants

Research with regular care data

Infrastructure of several large cohort studies (hoorn studies, diabetes care system, String of Pearls Diabetes, Salt osteoporose cohort)

Current funding

EASD:

Improving medication adherence in T2DM

Zonmw:

Ramadan & Diabetes

Zilveren kruis

Salt Osteoporosis Study

CVON:

Risk factors for cardiac arrest in T2DM

primary care (together with H. Tan, AMC)

Horizon 2020:

Prediction of cardiac arrest in T2DM

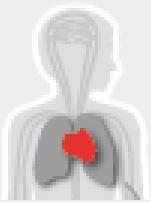
(together with H. Tan, AMC); Sustain (Giel Nijpels)

Diabetes fonds

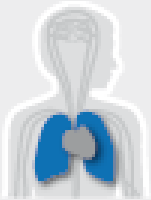
Dynamic prediction models for T2DM

complications (Amber vd Heijden, Joline

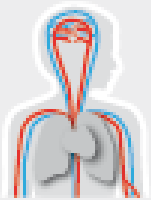
Beulens, UMC Utrecht)



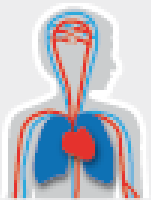
Heart Failure & Arrhythmias



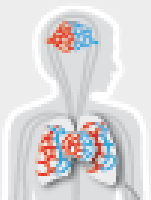
Pulmonary Hypertension
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Diabetes & Metabolism



Microcirculation

Future plans

Mid term (1-5 year) plan

Continue with prediction models for diabetes complications in primary care , but move to new techniques (Amber vd Heijden)

Study of regular care data (Karin Swart)

Look for opportunities to develop and test new interventions in primary care and in multidisciplinary setting

Necessary infrastructure:

Diabetes care system (Hoorn)

New round of diabetes Hoorn study

GP academic care network (database and collaboration with regular care)

STIZON database

Long term

Amsterdam collaboration network with primary, secondary and tertiary care

Collaboration in ACS

Secondary and tertiary care