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 disseminationg 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
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 osteoporosis 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)
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