

AFNET PROJECTS (Project | Title | Principal Investigator)

A	AB1	Central patient registry: Baseline documentation and follow-up of the total patient population within the Atrial Fibrillation Competence Network	G. Steinbeck Munich M. Oeff Brandenburg	
	A2	Prevalence of atrial fibrillation in a representative sample of the general population (KORA-AF-EVENT)	G. Steinbeck / H. E. Wichmann Munich	
	AC4	Genetic determinants of atrial fibrillation	S. Kääh / H. E. Wichmann Munich	
	A5	Effects of alcohol consumption on atrial fibrillation	C. Wolpert Mannheim	
	A7	Complications of atrial fibrillation (Critical Event Committee)	M. Oeff Brandenburg	
B	B4	a) Catheter ablation of atrial fibrillation by linear pulmonary vein (PV) isolation (GAP-AF-Trial) b) Catheter Ablation Registry	K. H. Kuck / S. Willems Hamburg G. Breithardt Münster	
	B5	BACE-PACE trial: A multicenter study for the investigation of preventive pacing in combination with beta-blocker or AT-I-/ACE-inhibitor therapy on the recurrence of atrial fibrillation in patients with dual-chamber pacemakers	A. Schuchert Neumünster	
	B6	Surgical ablation registry (CAR-AF)	F. Mohr / N. Doll Leipzig	
	B7	New diagnostic imaging techniques	P. Schauerte Aachen	
	B8	Atrial fibrillation and the risk of neurological complications	S. Knecht Münster	
	B10	Angiotensin II antagonist in paroxysmal atrial fibrillation trial (ANTIPAF)	A. Goette Magdeburg T. Meinertz Hamburg	
	B11	Targeted pharmacological reversal of electrical remodeling after cardioversion (Flec-SL trial) Subproject: novel electrocardiographic methods	P. Kirchhof / G. Breithardt Münster A. Bollmann Magdeburg	
	C	C1	Molecular and electrophysiological causes of spontaneous atrial fibrillation in a transgenic model (CREM-transgenic mouse)	P. Kirchhof Münster
	C3	Regulation of ion channel proteins in early phases of AF	D. Dobrev Dresden / U. Schotten Aachen	
	C4	Electrical remodeling and effects of pharmaceuticals on chronic atrial fibrillation	D. Dobrev Dresden	
C5	Contractile remodeling in atrial fibrillation: Mechanisms and therapeutic approaches	U. Schotten Aachen		
C7	Molecular signal transduction pathways in atrial cardiomyocytes and their interaction with the interstitial matrix during atrial fibrillation	A. Goette Magdeburg		
Z	Z1	Central Office	T. Weiss Münster	
	Z2	Telematics, electronic project management, and quality management	T. Fetsch Munich	
	Z3	Biometrics and statistics	J. Senges Ludwigshafen K. Wegscheider Hamburg	



INTERCONNECTIONS:

The network coordinates about 20 scientific projects dealing with epidemiological, clinical and experimental aspects of atrial fibrillation.

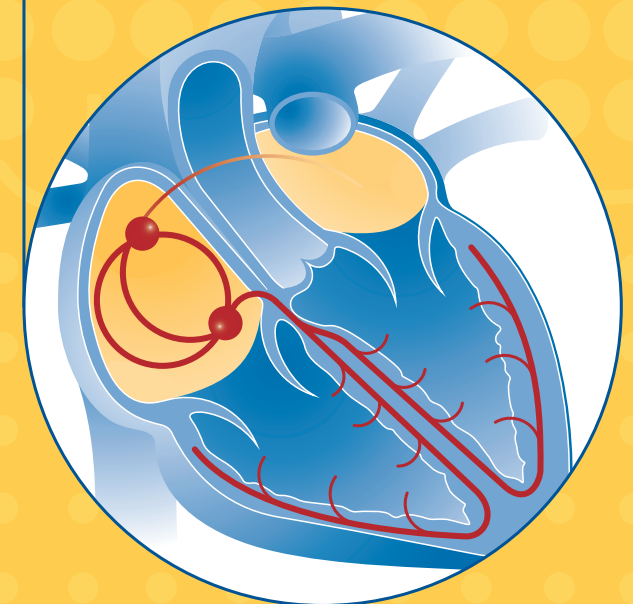
Central office:

University Hospital of Münster

Board of directors:

- Prof. Dr. Dr. h.c. Günter Breithardt (speaker) | Münster
- Prof. Dr. Thomas Meinertz Hamburg
- Prof. Dr. Ursula Ravens Dresden
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COMPETENCE NETWORK ON ATRIAL FIBRILLATION



A F N E T

COMPETENCE NETWORK ON ATRIAL FIBRILLATION

IMPROVING HEALTH FOR PATIENTS

COMPETENCE NETWORK ON ATRIAL FIBRILLATION

Atrial fibrillation is the most common sustained cardiac arrhythmia. Up to 20% of the elderly population are affected. The number of patients with atrial fibrillation is estimated to rise two-fold within the next 25 years due to demographic aging in western nations.

THE ATRIAL FIBRILLATION RESEARCH NETWORK

AFNET

- is an interdisciplinary national research network located in Germany
- is formed by clinicians in more than 130 hospitals, more than 300 cardiologists, internists and general practitioners in private practices, and university-based researchers
- is funded by the Federal Ministry of Research and Education in Germany
- cooperates with academic institutions and patient organisations as well as with the researching industry
- has recruited patients from all levels of medical care in order to build a nationwide representative database of atrial fibrillation.

INTENTION:

AFNET aims at improving care of patients with atrial fibrillation by promoting research, medical services and information in emerging diagnostic and therapeutic fields in atrial fibrillation.

Physicians and scientists in AFNET

- conduct multi-center prospective trials and surveys
- combine their methodical approaches to improve the understanding of atrial fibrillation
- develop diagnostic and therapeutic options.

