Department of Psychiatry and Psychotherapy
Division of Psychosomatic Medicine and Psychotherapy

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Research focus
- Psycho-oncology
- Migration and mental health
- Transplantation medicine
- Somatoform disorders and the persistent somatoform pain disorder
- Eating disorders, obesity

Structure of the Division
Professorship: 1
Personnel: 63
- Doctors (of Medicine): 12
- Scientists: 5 (thereof funded externally: 0)
- Graduate students: 16

Clinical focus areas
- Eating disorders
- Obesity
- Somatoform disorders including persistent pain disorder
- Posttraumatic stress disorders
- Psycho-oncology

Research
The research of the Division of Psychosomatic Medicine and Psychotherapy focuses on psycho-oncology, migration and mental health, transplantation medicine, somatoform disorders (persistent somatoform pain disorders), eating disorders, and obesity.

Psycho-oncology
PI: Prof. Dr. Y. Erim, K. Schieber, Dr. E. Morawa
Current research projects:
- Multicenter study to document the needs and demands of patients as well as the utilization of psycho-oncological services
- Cooperation study of the Comprehensive Cancer Center Erlangen
Funding: German Cancer Aid

Transplantation medicine
PI: Prof. Dr. Y. Erim, K. Schieber, J. Scheel
In cooperation with the Department of Medicine 4, the predictors of adherence after renal transplantation were examined. Based on the results of this study which analyzed patient reported outcomes as well as cognitive tests, a training to optimize the adherence and health behavior was developed and manualized. Within the framework of the research group Emerging Fields Initiative (EFI), a follow-up study of living kidney donors was conducted with particular emphasis on the perceived autonomy as well as fatigue complaints.

Somatoform disorders and the persistent somatoform pain disorder
PI: Prof. Dr. Y. Erim
In the etiology of persistent somatoform pain disorder, early childhood adversities, an uncertain binding style, and altered cerebral activations (dysfunctional processing of pain and distress) are postulated as important factors and investigated in this study in cooperation with the Division of Neuroradiology (Prof. Dr. A. Dörfler). In addition to psychometric measurements, neuroimaging techniques are used.

Eating disorders, obesity
PI: PD Dr. G. Paslakis
Currently, four studies on eating disorders are carried out using a basic research approach. In a prospective, randomized, double-blind, placebo-controlled clinical trial, the effect of substitution with an estrogen-progestin combination in adult women with anorexia nervosa is investigated. In a second study, a Go/NoGo paradigm for the detection of impulsivity is used to record the response times as a marker of impulsivity in patients with an eating disorder. Another study investigates jogging as a virtual reality in patients with eating disorder and movement urge. The results can also be used in the psychotherapy of the patients. Finally, the Approach-Avoidance Task (AAT) paradigm is used to investigate the eating habits in patients with eating disorders. Images of high-calorie and low-calorie foods are pulled or pushed away. This study also aims to create an innovative implic therapy module.

Teaching
The Division of Psychosomatic Medicine and Psychotherapy is intensively involved in the curriculum of the Faculty of Medicine and participates in several cross discipline teaching efforts (Querschnittsfächer) within the curriculum. It also offers courses for psychology students. Advanced training for psychological psychotherapists-in-training is also provided. Within the context of the degree program Medical Process Management, the Division of Psychosomatic
Medicine and Psychotherapy is responsible for a seminar on “Communication and Cooperation Aspects within the Health-Care System”. The use of simulation patients with standardized exercise cases was included into the teaching program.

The Division of Psychosomatic Medicine and Psychotherapy supervises Bachelor’s and Master’s theses as well as MD theses.

Selected publications


