

# EXTREME HEAT AND ADAPTATION IN HOME CARE AND THE MEDICAL SECTOR

As part of the DAS (German Strategy for Adaptation to Climate Change) the University Hospital Munich develops and implements an interprofessional training module for Medical assistants and care staff in matters of heat-related health problems.

Project duration: 1st of November 2016 until 31th of October 2018 (grant number: 03DAS093)



## BACKGROUND

Environmental conditions will change more dynamically because of climate change.

This will influence the general public health. Heat waves play a critical role in this connection. Especially elderly and people in need of care who are not really able to acclimatise to heat events are at health risk. Summer 2003 pointed out the correlation between extreme heat and the increased risk of morbidity and mortality in the European population.



population.

## RISK GROUP

The risk group which is reached through the project are people living at home and are at heat-related health risk.

Risk factors are, for example:

- Old age
- Chronical disease
- Mental and psychological restriction
- Drug ingestion
- Immobility
- Social isolation
- Low income
- Urban environment



## AIM AND IMPLEMENTATION

Outpatient nursing services and general practitioner's surgery are an important access road to the supervision and care for the risk group. These ensure adequate medical attendance during heat waves. The first pilot curricula will be carried out in autumn 2017.

## TOPICS OF THE CURRICULA

- Climate change and heat as its consequence
- Heat-related health problems
- Who is at risk and why?
- Patient care during heat waves
- Possibilities for networking
- Prevention measures during heat waves
- Case studies
- Climate change protection in the health care system

## COOPERATION NETWORK

- Academy for Medical Further Education of the Medical Association Westfalen-Lippe
- Walner-Schools
- Academy Schönbrunn



Supported by:



Federal Ministry for the  
Environment, Nature Conservation,  
Building and Nuclear Safety

based on a decision of the German Bundestag

[<http://www.bmub.bund.de/themen/klima-energie/klimaschutz/anpassung-an-den-klimawandel/>][<http://www.ptj.de/folgen-klimawandel/>]

## CONTACT

Hanna Mertes  
University Hospital of Munich  
Institute and Policlinic of Occupational,  
Social and Environmental Medicine  
[hanna.mertes@med.uni-muenchen.de](mailto:hanna.mertes@med.uni-muenchen.de)

