

## Poster session

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### Health Inequalities and Access to Health Care in Urban Areas – A case study in Budapest, Hungary

#### Abstract

Availability and accessibility is one of the most important issues in defining health inequalities. Many researches have already documented a marked differentiation between urban and rural health care, usually expressed in terms of healthcare access. The focus of this examination is on the socio-economic determinants of urban health which have accompanied better chances in access to health care.

To understand health inequalities in urban areas and the phenomenon of accessibility, we have to highlight a non-communicable chronic disease, namely one of cardiovascular illnesses such as Acute Myocardial Infarction. This ischemic heart disease gives important information about the chances of accessibility, because the acute and the rehabilitation care of the infarction depends on the medical and the human infrastructure of its health care. In addition, modern interventions of infarction health care can be found only in larger cities in Hungary.

The applied methods in our research project included the statistical analyses of morbidity and mortality data by gender between 2005 and 2015 at the territorial level of the capital city, Budapest with its administrative units as districts (LAU-1). Morbidity data was calculated by using in-patient care data (hospitals). It was also used a database about the institutional infrastructure. Spatial inequalities were examined with some inequality indicators (e.g. Gini coefficient, spatial autocorrelation etc.).

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#### Keywords

health inequality, accessibility, availability, acute myocardial infarction, urban, Budapest