

# THE "REHAB MAP" FOR INTERACTIVE PLANNING OF AMBULATORY REHABILITATION SERVICES

<sup>1</sup>Florian Miksch, <sup>2</sup>Matthias Ihl, <sup>2</sup>Sarka Brodinova, <sup>1</sup>Sophie Böhm, <sup>1</sup>Ingrid Kollmann, <sup>1</sup>Regina Hainz, <sup>1</sup>Sascha Juppe, <sup>1</sup>Martin Skoumal

<sup>1</sup>Pensionsversicherungsanstalt, Vienna, Austria

<sup>2</sup>solvistas GmbH, Vienna, Austria

## OBJECTIVES

MEDICAL TREATMENT



REHABILITATION

Improve health and recover quality of life

### INPATIENT REHAB

- Hospital-like facilities
- Patients are not at home and cannot go to work
- Has been default in the past
- Should be default if
  - medical reasons require inpatient care
  - patients are not covered by an ambulatory rehab

### AMBULATORY REHAB

- Ambulatory care
- Patients sleep at home and can go to work
- More flexible and cost-efficient
- Less common in Austria
- Should become default for most patients
- Not effective for catchment areas with small populations

### PLANNING ISSUES

- Increasing demand for rehab
- Progressive transition from inpatient to ambulatory rehab
- Planning
  - Demand vs. capacity
  - Location of new ambulatory facilities

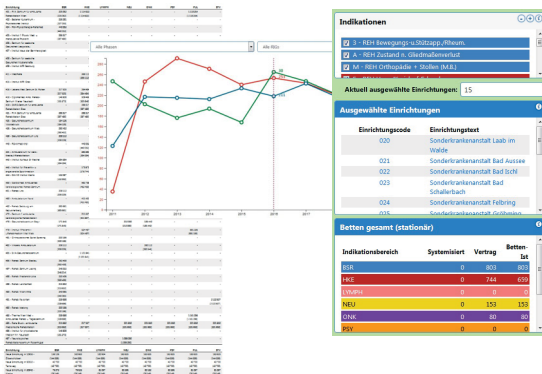
## METHODS

Interactive website for rehab analysis and planning



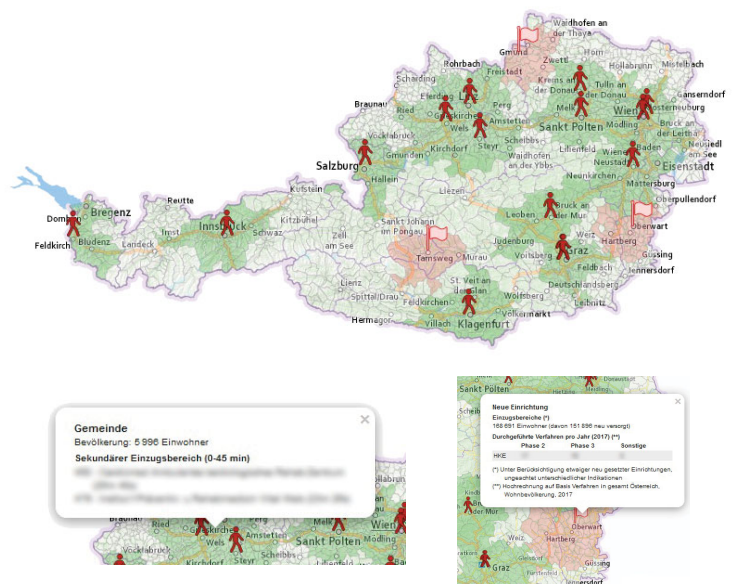
## EXTENDED STATISTICS

- Key figures of existing facilities
- Treatments per year and per indication for existing facilities
- Projected treatments in new facilities
- Population inside and outside catchment areas
- Nationwide situation in comparison with vs. without new facilities



## INTERACTIVE FEATURES

- Set new ambulatory facilities
- Show catchment areas of 45 minutes
- Popups provide quick information on facilities and municipalities



## CONCLUSIONS

### ADVANTAGES

Easy to use

Self-service analysis

Export results as PDF

Up-to-date: data is monthly loaded

Combines nationwide vs. local evaluations

Website only needs a web browser

### EVALUATE THE CURRENT SITUATION

- Existing inpatient and ambulatory rehab facilities
- Number of treatments (ambulatory and inpatient)
- Population covered by ambulatory facilities

### DECISION MAKERS

Can perform their own analyses

### PLAN NEW AMBULATORY FACILITIES

- Test different scenarios
- Evaluate covered population by new facilities
- Projected number of treatments in new facilities
- Nationwide impact on the rehab supply