

**Pilot survey  
performed at the  
Heart Failure Awareness Day 2013**



## Participants

- 8 countries were invited, and 4 participated:  
Lithuania, Romania, Slovenia, Germany
- In total, 24 centers

## Aims

- To test the feasibility (ease of use) of
  - a multi-lingual survey across several countries
  - data acquisition logistics
- To take a snapshot on HF knowledge in subjects attending HFA Day activities
- To assess the change of knowlegde after a patient seminar



# Characteristics of participants

|  |  |                                 |  |                                |                                |                                |                                     |
|--|--|---------------------------------|--|--------------------------------|--------------------------------|--------------------------------|-------------------------------------|
| Gender:  | <input type="checkbox"/> male                            | <input type="checkbox"/> female |  |                                |                                |                                |                                     |
| Age:   | <input type="checkbox"/> <30                             | <input type="checkbox"/> 30-39  | <input type="checkbox"/> 40-49                           | <input type="checkbox"/> 50-59 | <input type="checkbox"/> 60-69 | <input type="checkbox"/> 70-79 | <input type="checkbox"/> >=80 years |
| 1. I am working (worked) in a medical field.   | <input type="checkbox"/> yes                             | <input type="checkbox"/> no     |  |                                |                                |                                |                                     |
| 2. Have you ever heard about heart failure before?   | <input type="checkbox"/> yes                             | <input type="checkbox"/> no     |  |                                |                                |                                |                                     |
| 3. Do you or someone of your relatives or friends suffer from one of the following conditions? Or do you or someone of your relatives or friends experienced one of the following events?<br>(multiple answers possible) |  |                                 |  |                                |                                |                                |                                     |
| Heart failure  | <input type="checkbox"/> yes <input type="checkbox"/> no | Diabetes (raised blood sugar)   | <input type="checkbox"/> yes <input type="checkbox"/> no |                                |                                |                                |                                     |
| Stroke   | <input type="checkbox"/> yes <input type="checkbox"/> no | High blood pressure             | <input type="checkbox"/> yes <input type="checkbox"/> no |                                |                                |                                |                                     |
| Heart attack   | <input type="checkbox"/> yes <input type="checkbox"/> no | Elevated blood lipids           | <input type="checkbox"/> yes <input type="checkbox"/> no |                                |                                |                                |                                     |

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## Your current knowledge

|  |   |
|--|---|
| 1. In your opinion, which medical condition does most often lead to hospitalization?   |   |
| <input type="checkbox"/> Heart attack  | <input type="checkbox"/> Stroke                                 |
| <input type="checkbox"/> High blood pressure   | <input type="checkbox"/> Heart failure                          |
| <input type="checkbox"/> Cancer  | <input type="checkbox"/> Diabetes mellitus (raised blood sugar) |
| 2. Please select typical complaints and symptoms of heart failure. (multiple answers possible)   |   |
| <input type="checkbox"/> Headache  | <input type="checkbox"/> Tiredness                              |
| <input type="checkbox"/> Shortness of breath   | <input type="checkbox"/> Sweating                               |
| <input type="checkbox"/> Vomiting  | <input type="checkbox"/> Sudden chest pain                      |
| <input type="checkbox"/> Dizziness   | <input type="checkbox"/> Weight gain                            |
| <input type="checkbox"/> Weakness  | <input type="checkbox"/> Paralysis                              |
| <input type="checkbox"/> Swelling of feet and/or legs  |   |
| 3. Heart failure is a normal symptom of old age.   | <input type="checkbox"/> true <input type="checkbox"/> false    |
| 4. Heart failure affects multiple organs.  | <input type="checkbox"/> true <input type="checkbox"/> false    |
| 5. Following a first hospital admission for heart failure, the chances of survival for patients suffering from heart failure are worse than with most types of cancer. | <input type="checkbox"/> true <input type="checkbox"/> false    |
| 6. Patients with heart failure should avoid sports activities.   | <input type="checkbox"/> true <input type="checkbox"/> false    |
| 7. The treatment of heart failure is one of the most important cost drivers in the health-care system.   | <input type="checkbox"/> true <input type="checkbox"/> false    |

# Seminar / Lecture

- Pre-arranged slides, prepared in English
- Distributed to countries, translated locally, and then used in centers
- Contents of the lecture:
  - Symptoms of HF
  - Diagnosis
  - Therapy
  - Outcome

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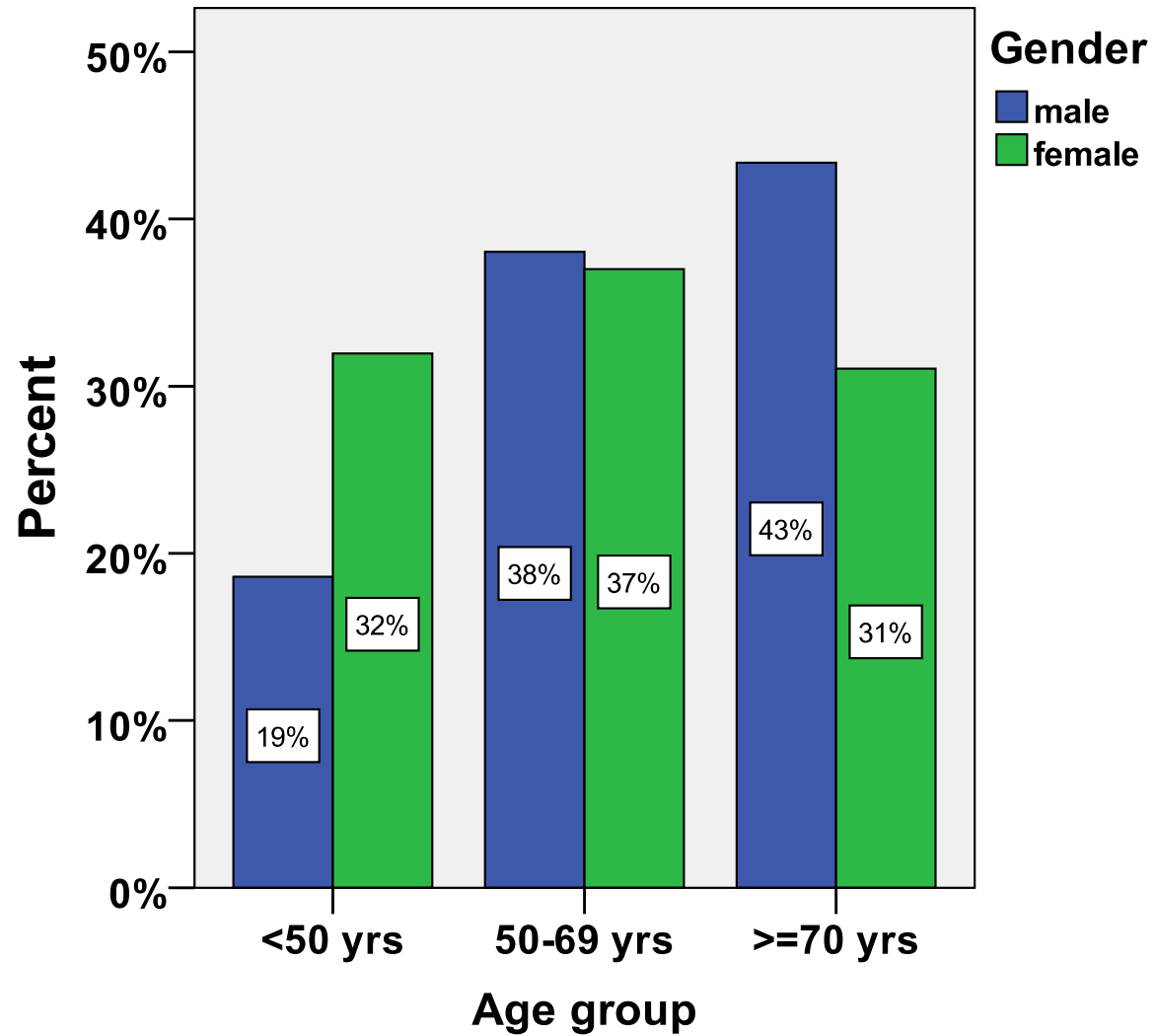
Your knowledge *after* the seminar

|  |  |   |                                      |
|--|--|---|--------------------------------------|
| A. Did you visit the informational event about heart failure?  | <input type="checkbox"/> yes               | <input type="checkbox"/> no                                     |                                      |
| 1. In your opinion, which medical condition does most often lead to hospitalisation?   |  |   |                                      |
| <input type="checkbox"/> Heart attack  | <input type="checkbox"/> Stroke            | <input type="checkbox"/> Cancer                                 |                                      |
| <input type="checkbox"/> High blood pressure   | <input type="checkbox"/> Heart failure     | <input type="checkbox"/> Diabetes mellitus (raised blood sugar) |                                      |
| 2. Please select typical complaints and symptoms of heart failure. (multiple answers possible)   |  |   |                                      |
| <input type="checkbox"/> Headaches   | <input type="checkbox"/> Tiredness         | <input type="checkbox"/> Dizziness                              | <input type="checkbox"/> Weight gain |
| <input type="checkbox"/> Shortness of breath   | <input type="checkbox"/> Sweating          | <input type="checkbox"/> Weakness                               | <input type="checkbox"/> Paralysis   |
| <input type="checkbox"/> Vomiting  | <input type="checkbox"/> Sudden chest pain | <input type="checkbox"/> Swelling of feet and/or legs           |                                      |
| 3. Heart failure is a normal symptom of old age.   | <input type="checkbox"/> true              | <input type="checkbox"/> false                                  |                                      |
| 4. Heart failure affects multiple organs.  | <input type="checkbox"/> true              | <input type="checkbox"/> false                                  |                                      |
| 5. Following a first hospital admission for heart failure, the chances of survival for patients suffering from heart failure are worse than with most types of cancer. | <input type="checkbox"/> true              | <input type="checkbox"/> false                                  |                                      |
| 6. Patients with heart failure should avoid sports activities.   | <input type="checkbox"/> true              | <input type="checkbox"/> false                                  |                                      |
| 7. The treatment of heart failure is one of the most important cost drivers in the health-care system.   | <input type="checkbox"/> true              | <input type="checkbox"/> false                                  |                                      |



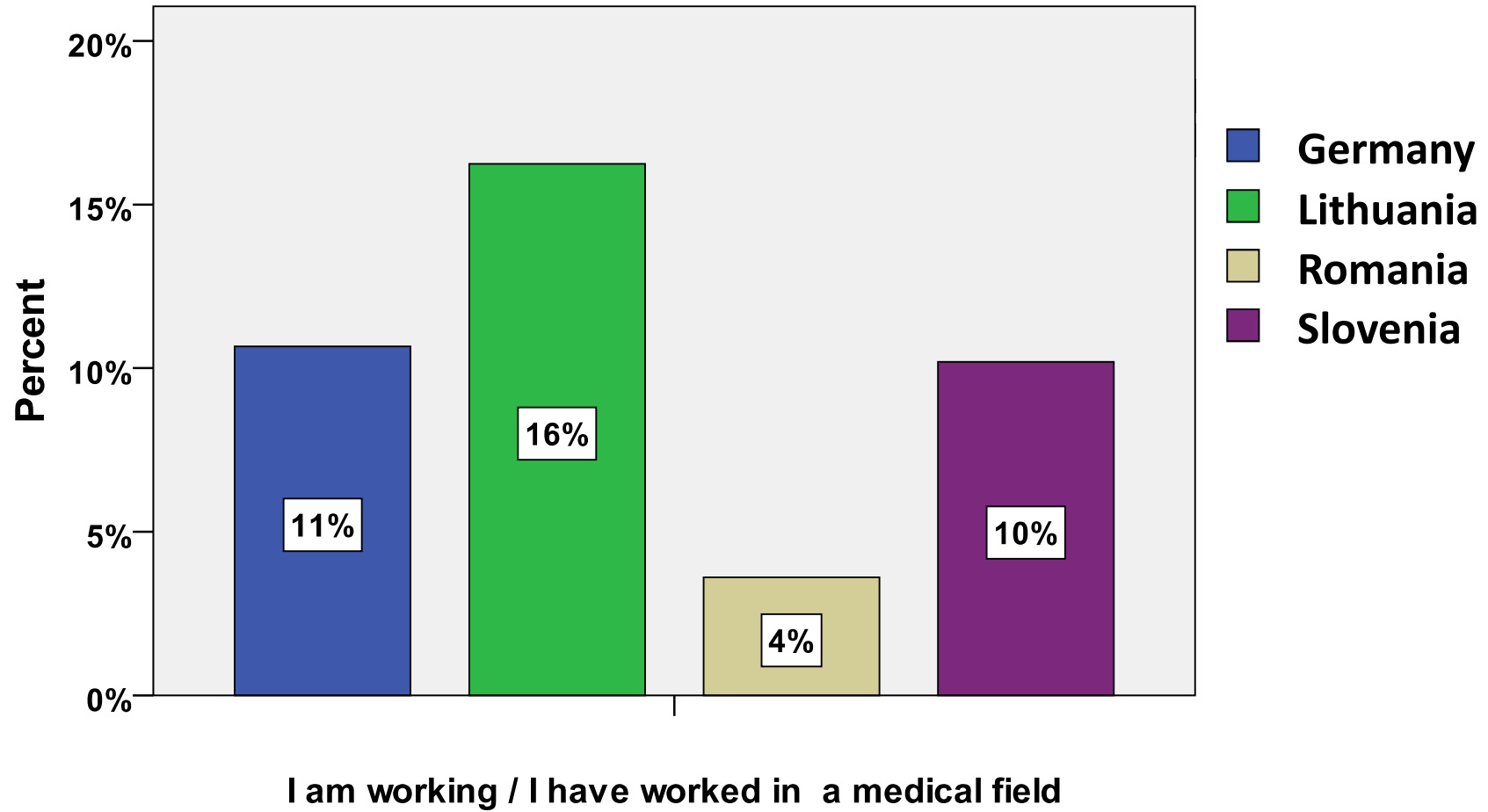
# Participants, n=2301

Age group by gender

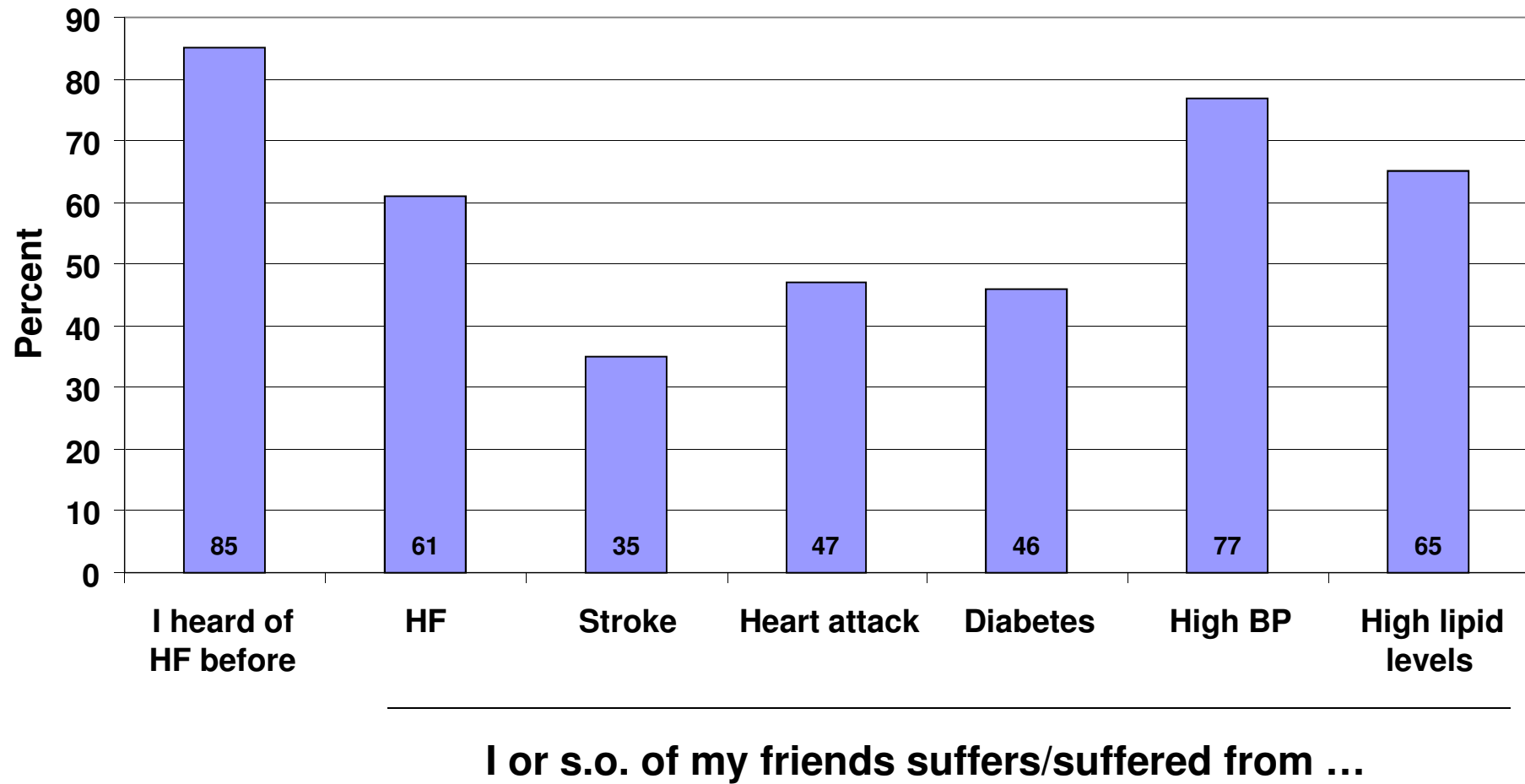


# Participants, n=2301

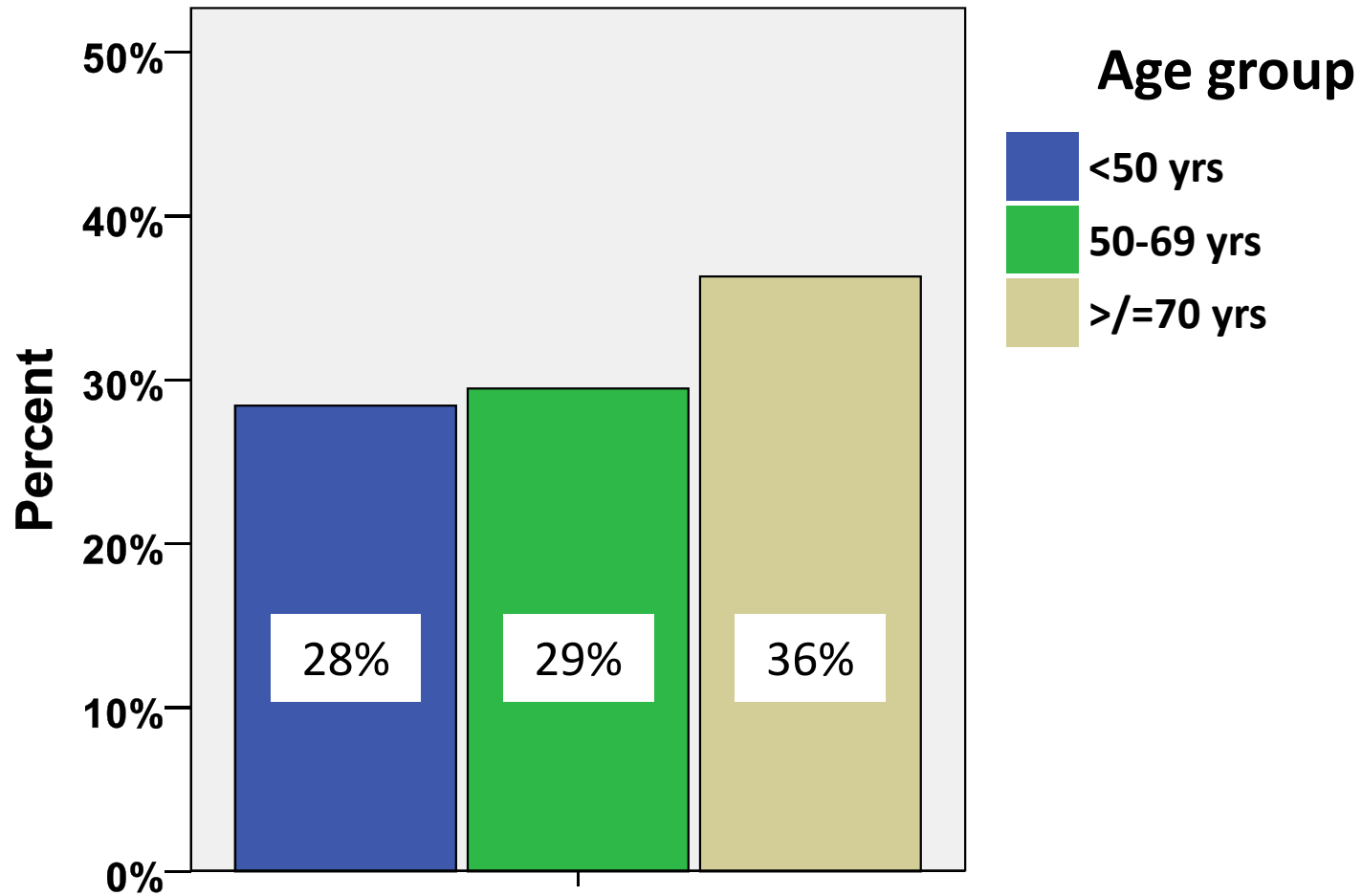
Are you a health professional?



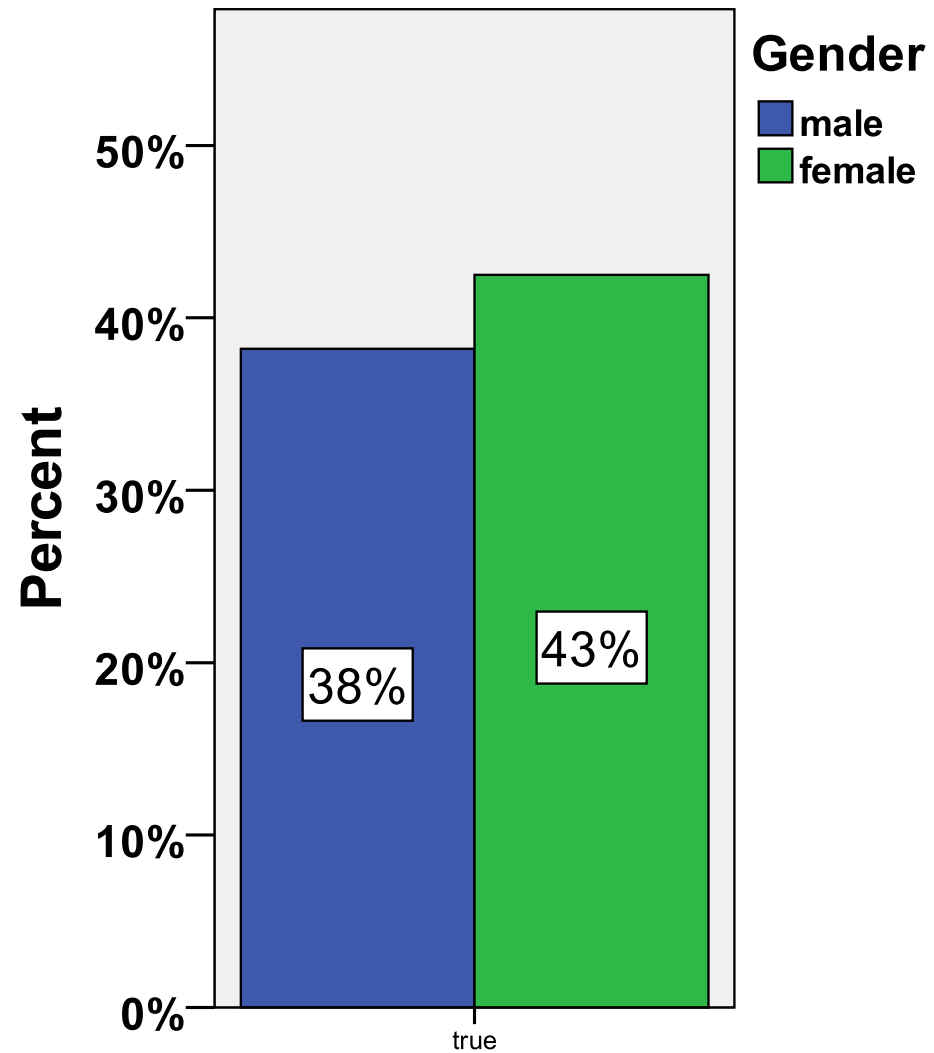
# Participants, n=2301



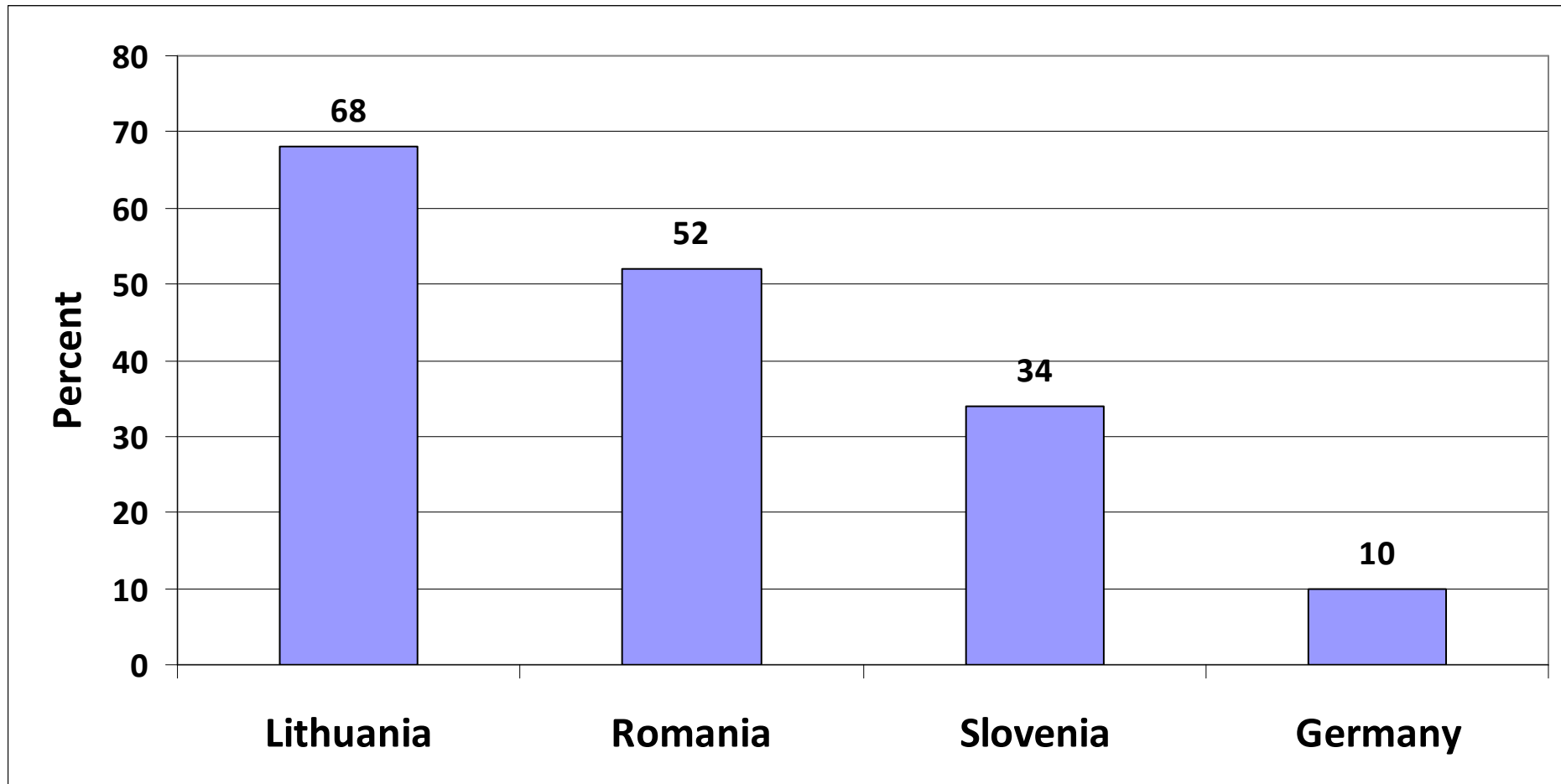
# HF is a symptom of normal old age



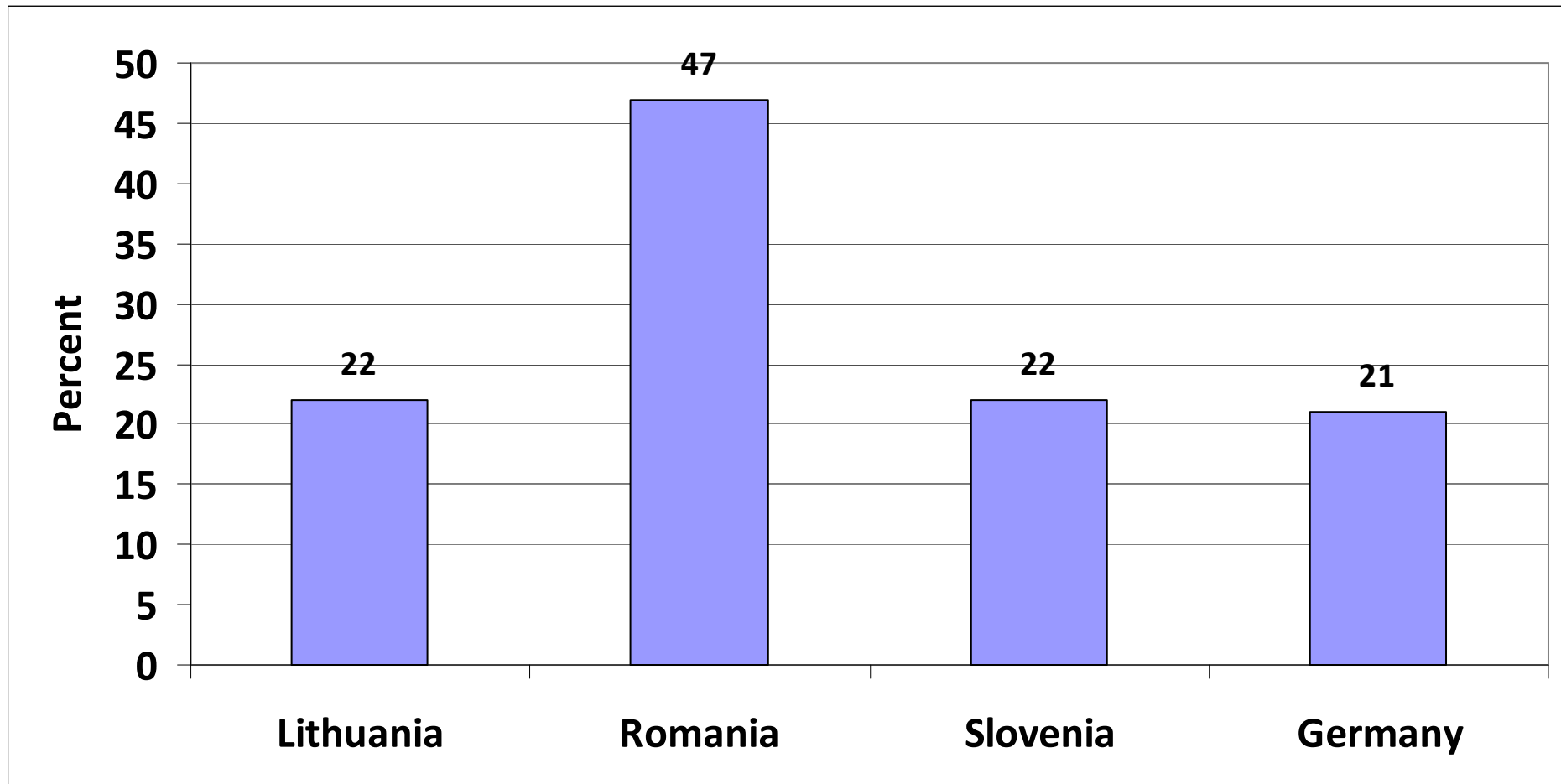
# I think, patients with HF should avoid sports



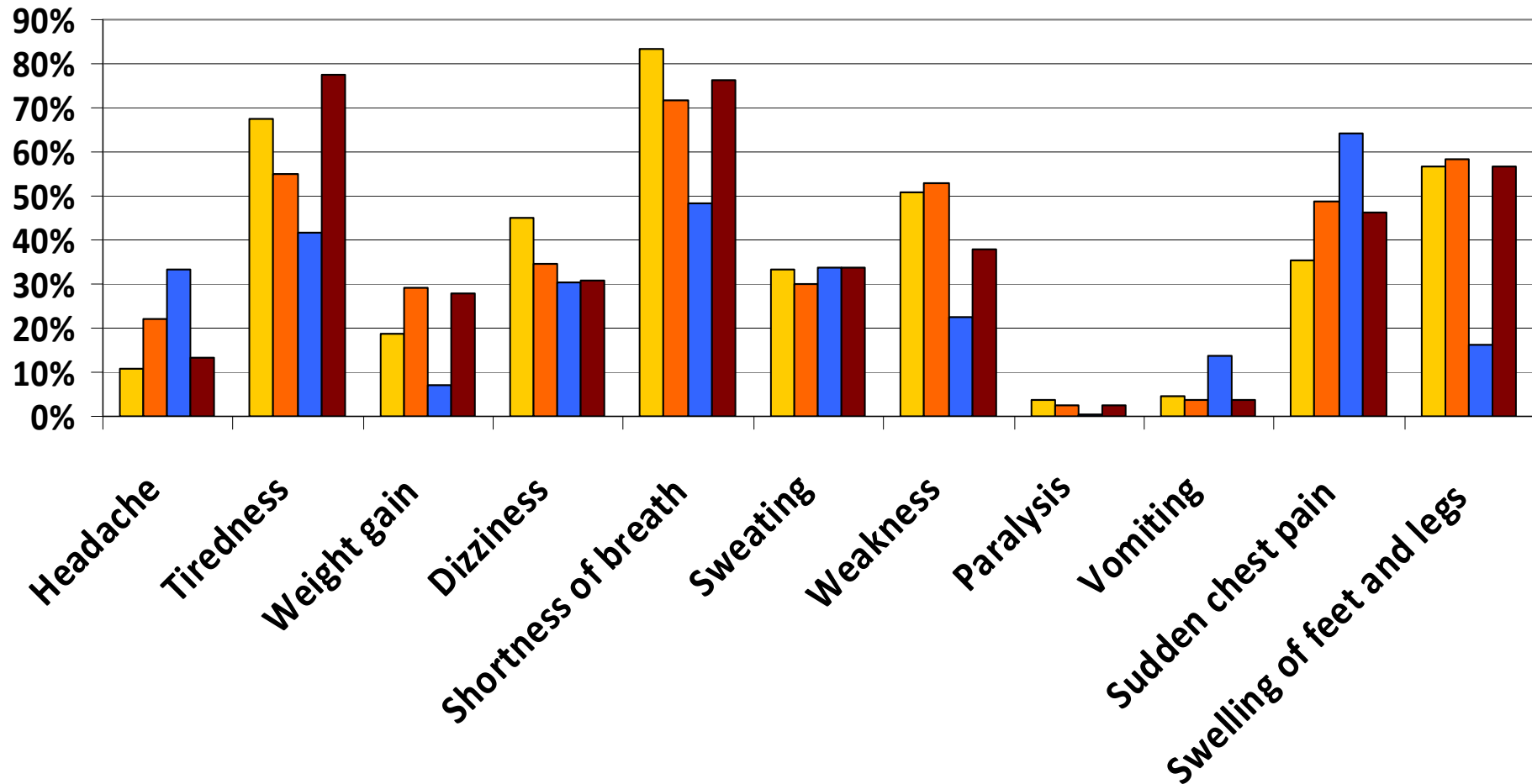
# I think, patients with HF should avoid sports



# HF does not affect multiple organs



# Typical complaints of HF are





# Romania

What problems can be caused/worsened by HF?

Comparison before-after the lecture; n=185 pairs

