GARD – Slovak experience

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Pneumology and phthisiology…?
Pneumology and phthisiology
Cardiology vs PaF

**Myocardial infarction**
- Acute event
- Risk of fatality
- Influencing following course of disease
- Effective treatment available – also for secondary prevention

**Exacerbation of COPD**
- Acute event
- Risk of fatality
- Influencing following course of the disease
- Effective treatment available – also for secondary prevention
Development of selected pulmonary diseases in the period 2001-2004

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number 2001</th>
<th>Number 2006</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPD</td>
<td>54801</td>
<td>91433</td>
<td>+ 78%</td>
</tr>
<tr>
<td>Asthma</td>
<td>47854</td>
<td>69971</td>
<td>+ 46%</td>
</tr>
<tr>
<td>Fibriosis</td>
<td>2826</td>
<td>1884</td>
<td>+ 50%</td>
</tr>
</tbody>
</table>
Mortality for COPD in Slovakia

![Bar chart showing mortality for COPD in Slovakia from 1997 to 2003.](image)
Structure of cases of invalidity in 2005

- Respiratory: 49.23%
- Gastrointestinal: 5.91%
- Injuries: 6.47%
- Other diseases: 18.78%
- Musculoskeletal: 6.47%
- Respiratory: 49.23%
Overall mortality for respiratory diseases in Slovakia

- 60-70/100 000

(exceeding the average of European Union)
Prevalence of COPD in risk exposure

Examined: 1645 (37.8%)

Confirmed COPD: 621 (20.8%)

Newly diagnosed COPD: 342
Lung cancer

- Mortality: about 2000 persons a year
- 85% diagnosed in late, inoperable stage
- Incidence in Slovakia: 70/100 th. M
  12/100 th. F
The brother of King Oskar II died from tuberculosis in 1852, age 25.

"Healthy looks" can hide TUBERCULOSIS

PROTECT HER FROM TUBERCULOSIS
CONSULTATION OF YOUR DOCTOR OR CLINIC MEANS PREVENTION

the X-RAY will show it before you know it

Christmas Seals Fight Tuberculosis
Incidence of TB 2006 - Europe

Range of rates (per 100 000)

- < 10
- 10-24
- 25-49
- 50-99
- > 100

World Health Organization Regional Office for Europe
TB Slovakia 1960-2005

Incidence in 2005 – 732 cases (13,6/100 000)
Task forces for Slovak GARD (SARD)

- Identification (quite satisfactorily)
- Measures:
  - Antismoking campaign (40% people from the age of 17 smoke; 2/3 regularly)
  - LTOT (1200 oxygenators needed, 800 in use)
  - Home care for chronically diseased
  - Funds
Thank you for your attention