ReMuS
MULTIPLE SCLEROSIS PATIENT REGISTRY

www.multiplesclerosis.cz

Unique source of reliable long-term data, reporting different aspects of multiple sclerosis in the real life of patients in the Czech Republic.
The Czech Registry ReMuS has been collecting data about patients from all 15 specialised MS centres in the Czech Republic since 2013, covering the whole territory of the state.

Estimated number of patients with MS in the Czech Republic is 17,000. Almost half of them have joined the registry 3 years after its operation.

During the first two years, the registry collected data preferentially from the patients on costly so-called DMD treatment, influencing the course of the disease (Disease Modifying Drugs). Since 2015 it has watched all patients in MS centres regardless of the type of treatment.

Unique source of reliable long-term data, reporting different aspects of multiple sclerosis in the real life of patients in the Czech Republic.
The Czech ReMuS Registry — unique source of objective data for the realisation of research projects at a regional, European and international level.

ReMuS Registry has three basic goals:

1. to map the actual situation of the disease in the Czech Republic,
2. to create a comprehensive picture of the effectiveness of expensive treatment and this way to contribute to better planning of healthcare funds,
3. to help with the research of multiple sclerosis and the development of new drugs at the national level.

Management

ReMuS Registry was founded in 2013 and is fully operated and funded by the Endowment Fund IMPULS, a non-state, non-profit organisation, which has supported the research and treatment of MS in the Czech Republic since 2000. The expert guarantor in the Czech Republic is the Czech Neuro-immunological Society.

The data collection itself is based on the informed consent of each patient. The basic data is anonymously processed in the central database twice a year. The summary analysis has the form of a final report, which is available for the public on www.multiplesclerosis.cz. However, due to its scope, the registry enables much wider use for analysis and studies about the disease, about its development, influence of different environmental factors and effects of treatment.

The registry enables the analysis of:

— prevalence and incidence of MS,
— development of multiple sclerosis (MS),
— clinical signs,
— relapse rate of MS,
— progress of disease,
— treatment of MS, its effect, possibility to compare different medications,
— disability, associated diseases and causes of death,
— health events (pregnancy) and side effects,
— employment and social benefits.

Examples of use of data from the ReMuS registry for socio-economic analysis

<table>
<thead>
<tr>
<th>Share of economically active people (%) 15–64 years old</th>
<th>ReMuS Registry</th>
<th>Population of the Czech Rep.</th>
</tr>
</thead>
<tbody>
<tr>
<td>72.8 %</td>
<td>74.0 %</td>
<td></td>
</tr>
</tbody>
</table>

100 % are patients in the registry / population with available information about employment and age from 15 to 64 years

<table>
<thead>
<tr>
<th>Share of part-time jobs (%) among economically active people between 15–64 years</th>
<th>ReMuS Registry</th>
<th>Population of the Czech Rep.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Together</td>
<td>19.2 %</td>
<td>5.5 %</td>
</tr>
<tr>
<td>Women</td>
<td>22.9 %</td>
<td>9.5 %</td>
</tr>
<tr>
<td>Man</td>
<td>10.9 %</td>
<td>2.5 %</td>
</tr>
</tbody>
</table>

100 % are economically active patients — full-time jobs, self-employed and part-time jobs.

Processed from the data of ReMuS Registry on 31st Dec. 2015

IMPULS, Endowment Fund

ID No: 26169428, Katerinska 30, 128 08 Prague 2, Czech Republic
info@multiplesclerosis.cz, www.multiplesclerosis.cz

The information campaign was developed with the kind support of Teva Pharmaceuticals CR.