

**ReMuS**

MULTIPLE SCLEROSIS  
PATIENT REGISTRY

# ReMuS - Multiple Sclerosis Patient Registry

Endowment Fund IMPULS, Czech Republic



Endowment Fund IMPULS Kateřinská 30, Prague 2, CZ  
ID: 26169428 | [www.multiplesclerosis.cz](http://www.multiplesclerosis.cz)

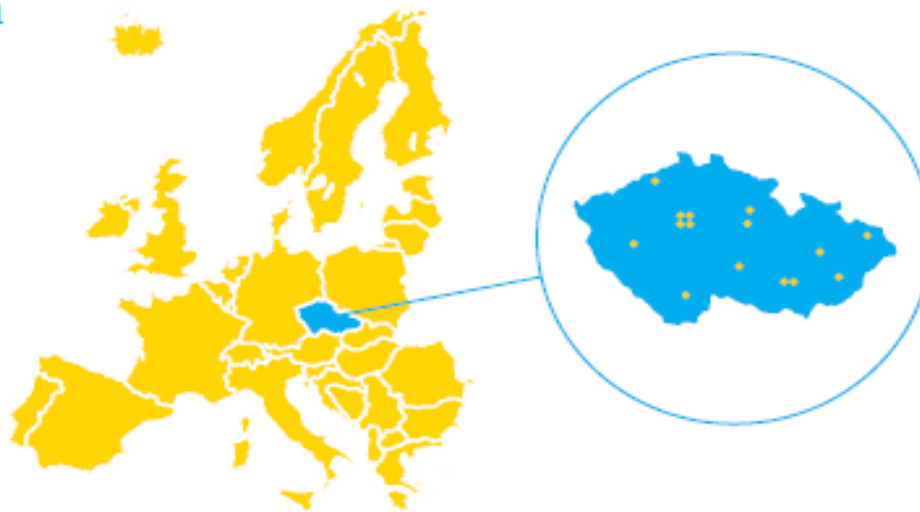


# Endowment Fund IMPULS

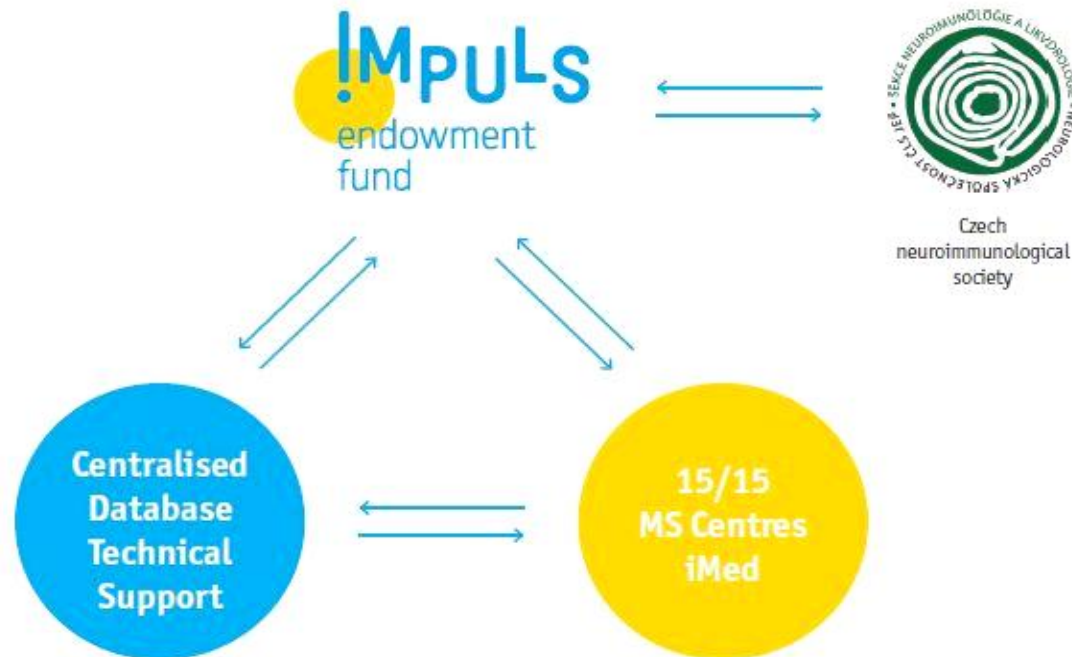
- A non-profit organization founded April 6, 2000
- The only endowment fund in the Czech Republic specialization Multiple Sclerosis
- Area of support : the research and treatment of multiple sclerosis

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.

Fig. 1



The expert sponsor in the Czech Republic is the Czech Neuro-immunological Society.



- The registry is fully funded from the foundation sources, by a non-state, non-profit organisation, the Endowment Fund.
- Estimated number of patients with MS in the Czech Republic is 17,000 – 20,000. Half of them have joined the registry 4 years after its operation.
- During the first two years, the registry collected data preferentially from the patients on costly so-called DMD treatment. Since 2015 it has watched all patients in MS centres regardless of the type of treatment.

**Table:** Number of DMD/ IVIG patients in the ReMuS registry and its evolution in time

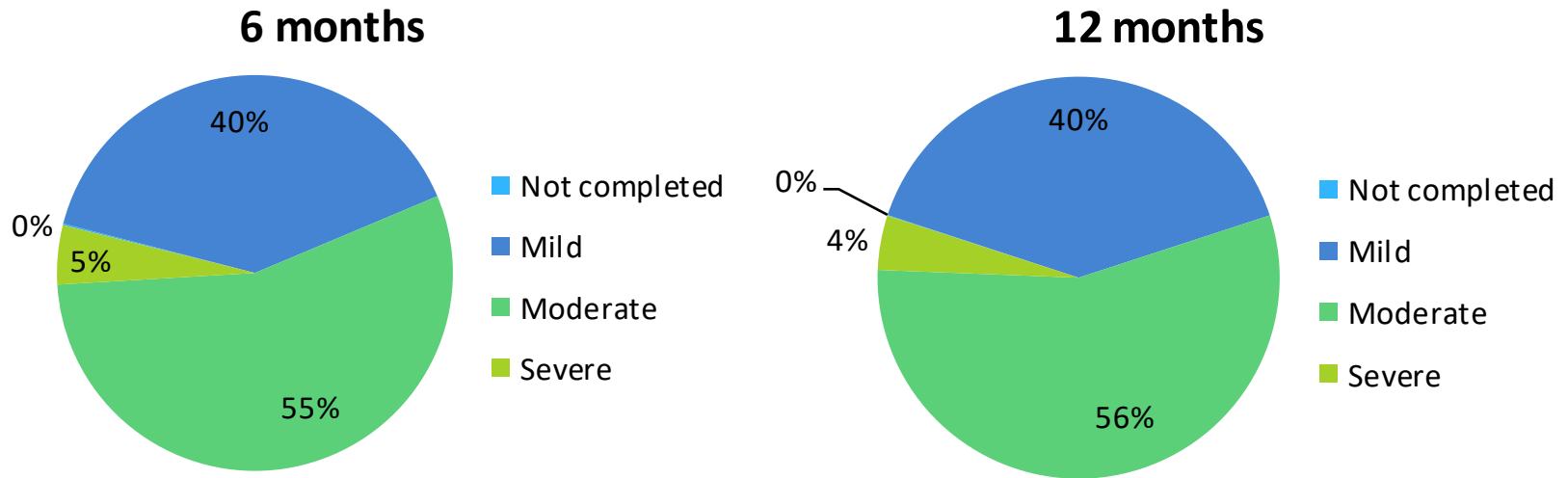
Data export date	Number of centres	Number of patients to be analysed	Data export date	Number of centres	Number of patients to be analysed
<b>30.06. 2013</b>	3	1501	<b>30.06. 2015</b>	13	7099
<b>31.12. 2013</b>	7	2920	<b>31.12. 2015</b>	13	7786
<b>30.06. 2014</b>	12	4715	<b>30.06. 2016</b>	14	8353
<b>31.12. 2014</b>	12	5639	<b>31.12. 2016</b>	15	9044

## The registry enables the analysis of:

- Prevalence and incidence of MS
- Development of multiple sclerosis (MS)
- Progress of disease
- Treatment of MS, its effect, possibility to compare different medications
- Disability, associated diseases and causes of death

## Clinical sings, relapse rate of MS

**Figure:** Relapse severity over last 6 and 12 months





## Health events (pregnancy) and side effects

**Table:** Number of deliveries over the period of interest

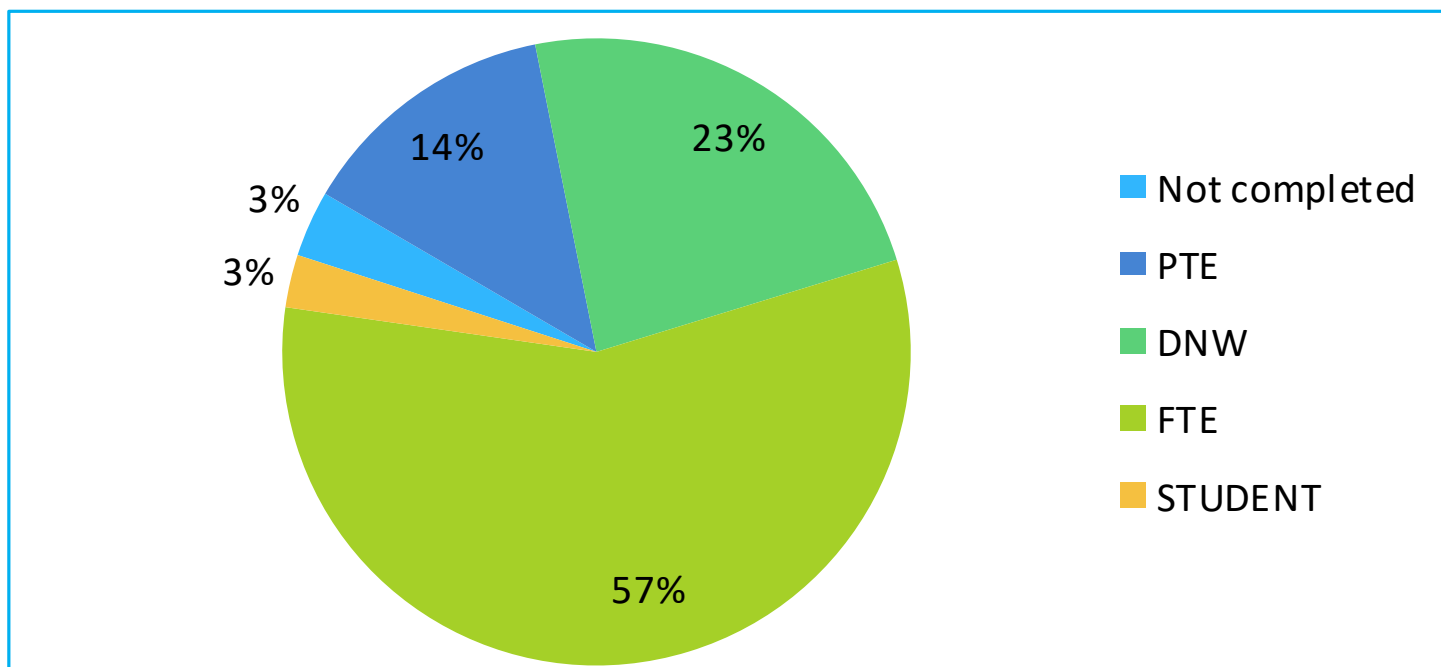
Pregnancies - last 6 months	All centres	
	Number	Percentage
Numbers of deliveries	60	0,9 %
Pregnancies - last 12 months	All centres	
	Number	Percentage
Number of deliveries	137	2,1 %

**Table:** Number of adverse events with first occurrence in the period of interest

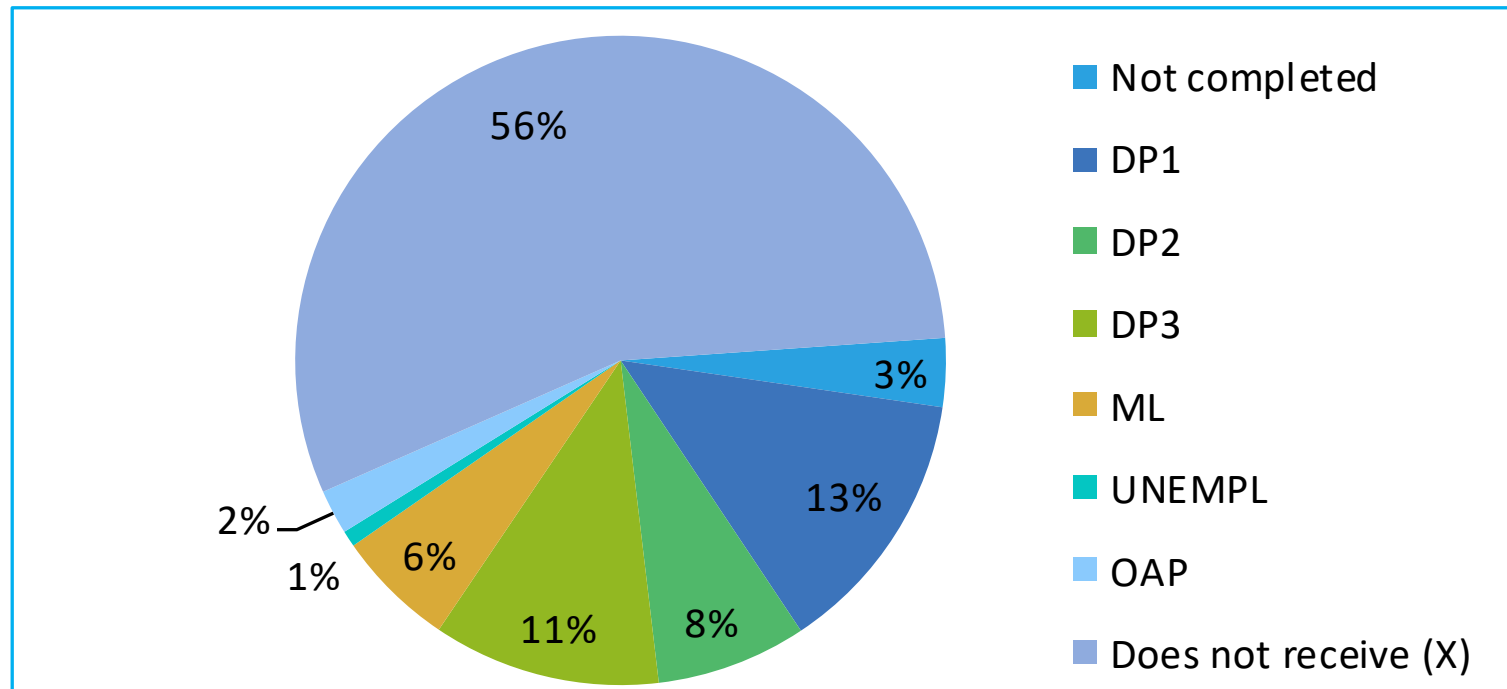
Adverse events - last 6 month	All centres	
	Number	Percentage
Number of AEs	70	0.8%
Number of predefined AEs	25	0.3%
Number of severe AEs	1	0.0%
Adverse events - last 12 month		
	Number	Percentage
Number of AEs	194	2.1%
Number of predefined AEs	61	0.7%
Number of severe AEs	2	0.0%

## Employment and social benefits

**Figure:** Patient distribution by employment



**Figure:** Patient distribution by type of social benefit



# Endowment Fund IMPULS Czech Republic

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