

# MULTIPLE SCLEROSIS in Czech Republic

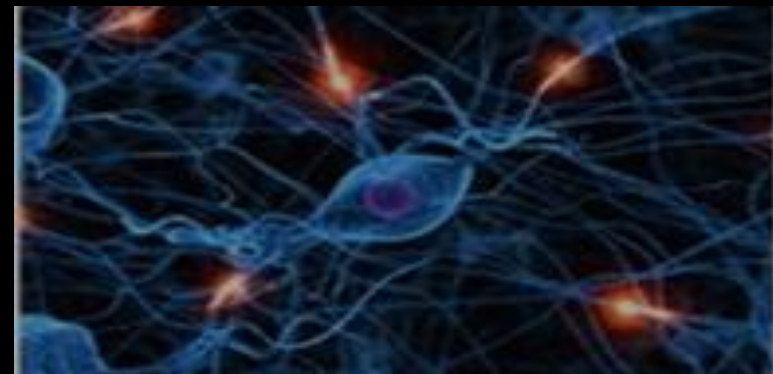
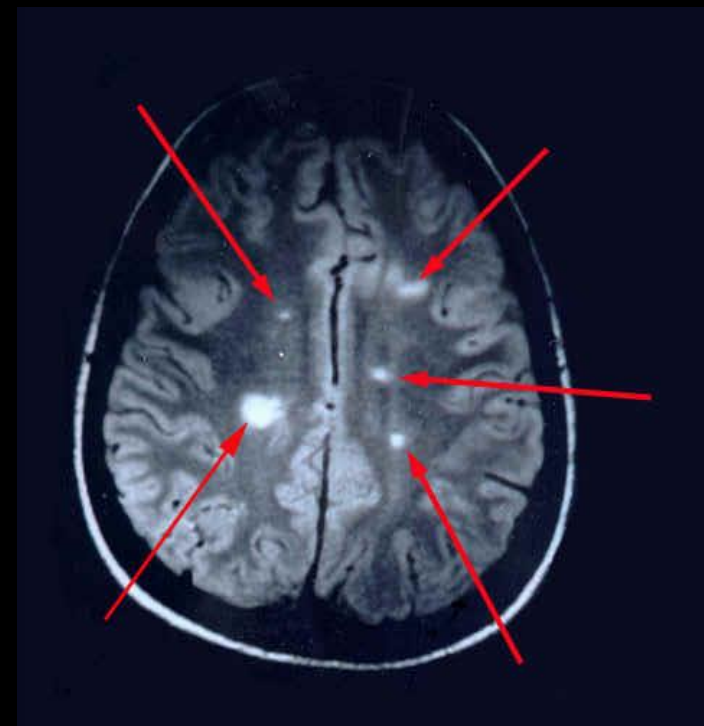
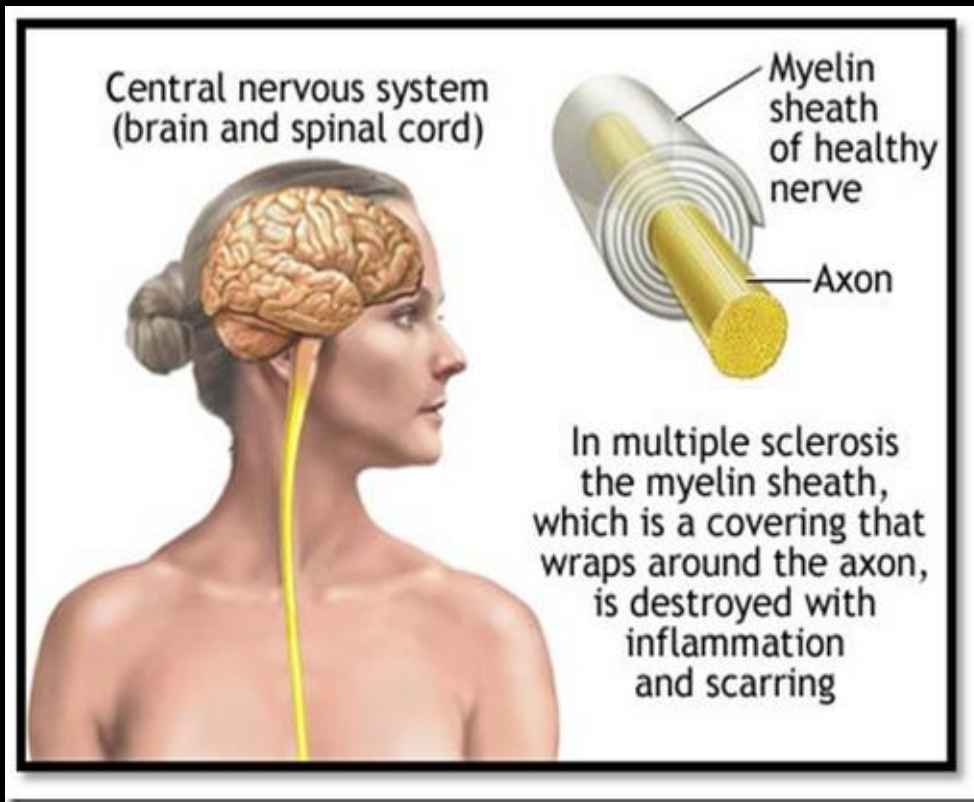


**Lenka Pospíšková**

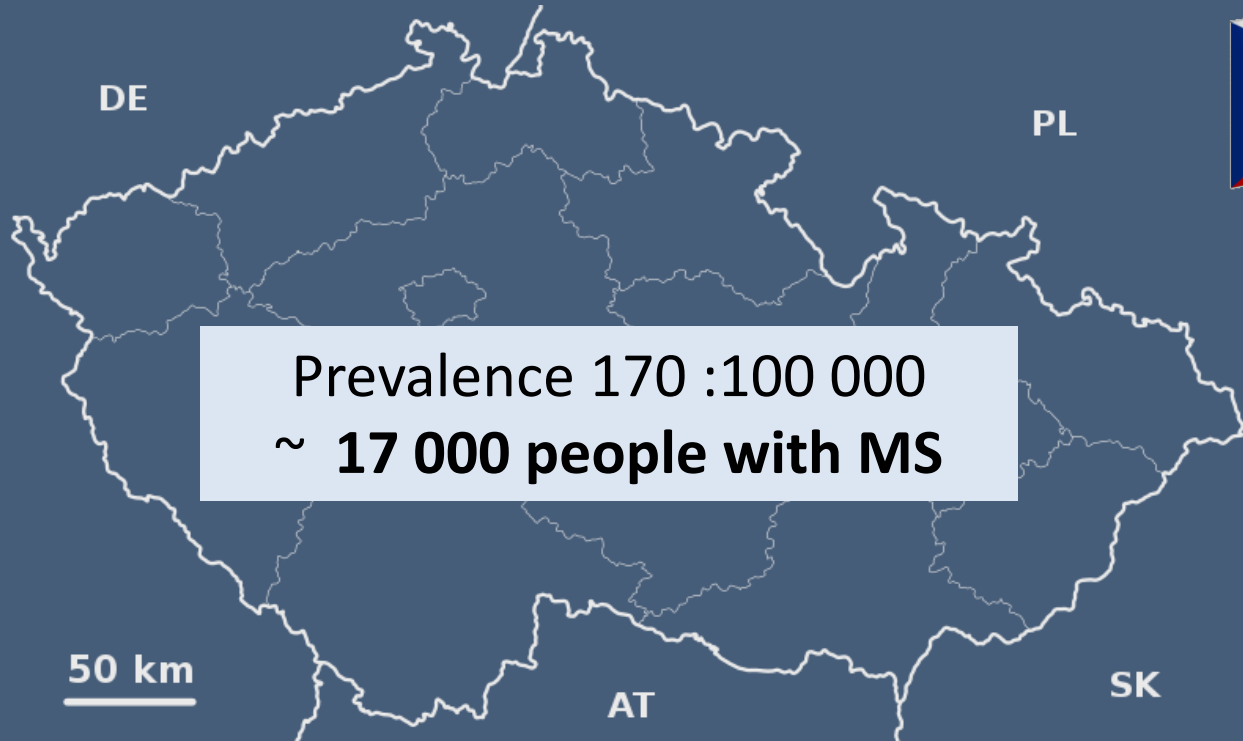
Charles University in Prague

Medical student

# What is Multiple Sclerosis

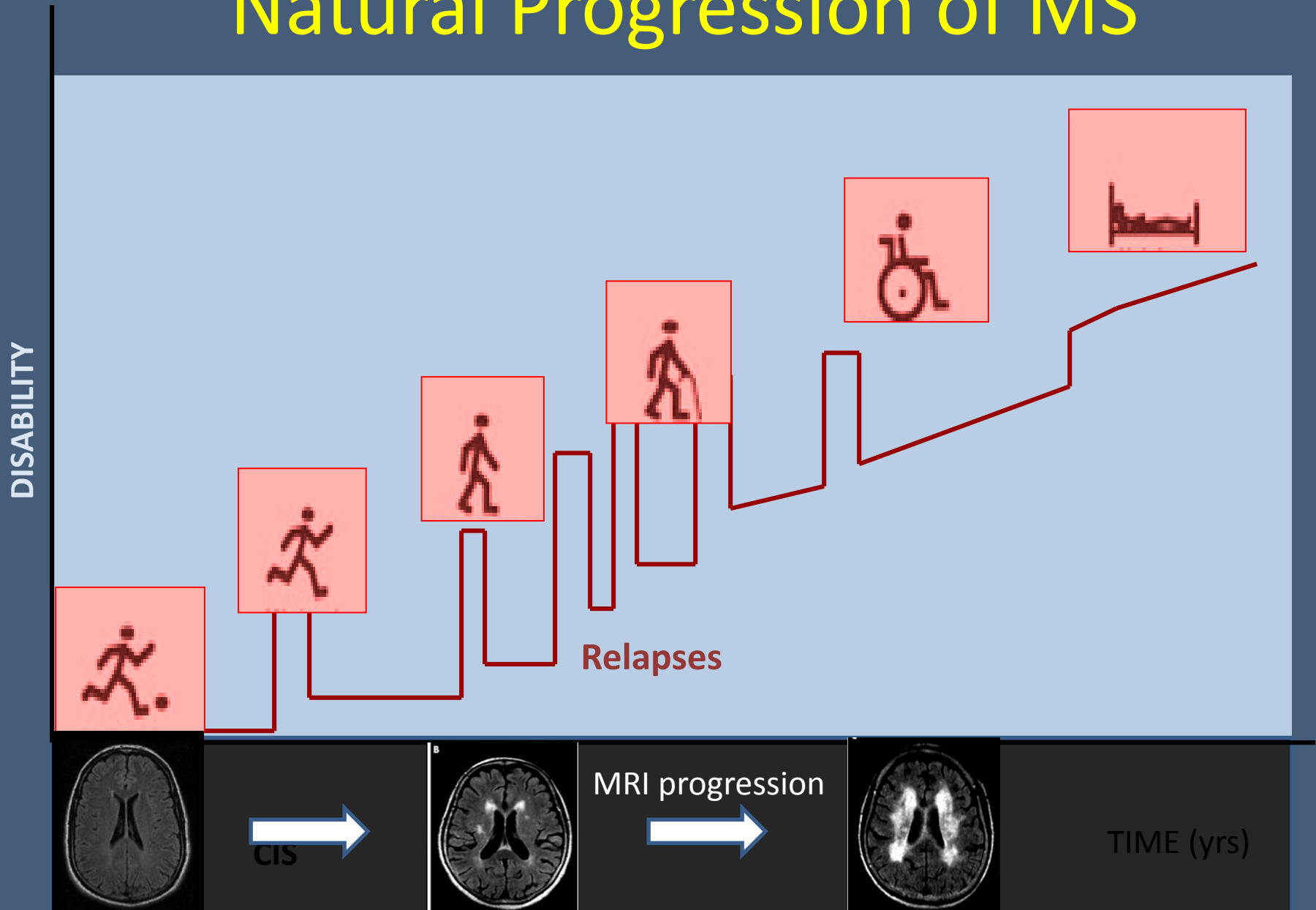


# MULTIPLE SCLEROSIS in CZ



Incidence 11:100 000  
~ **800-1000 newly diagnosed each year**

# Natural Progression of MS



# Do we have treatment options?

- Interferons - since 1996
  - Avonex, Betaferon, Rebif, Extavia
- Glatiramer acetate (Copaxone)
- Natalizumab (Tysabri)

# Goals in MS

- Diagnose early
  - Treat early
- 
- 



–Waiting lists to get treatment

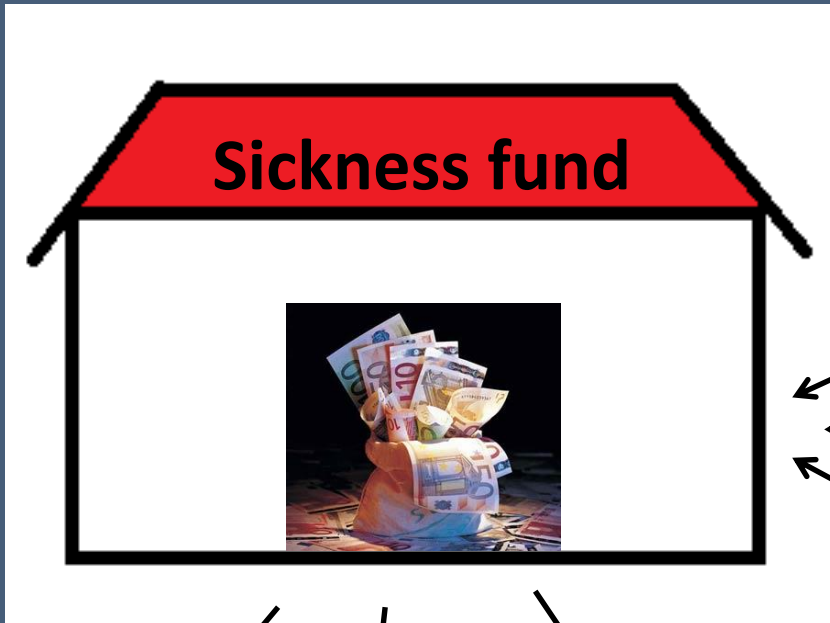


–Delay in approval of new treatments



–Criteria limiting who can get treatment are more strict than elsewhere

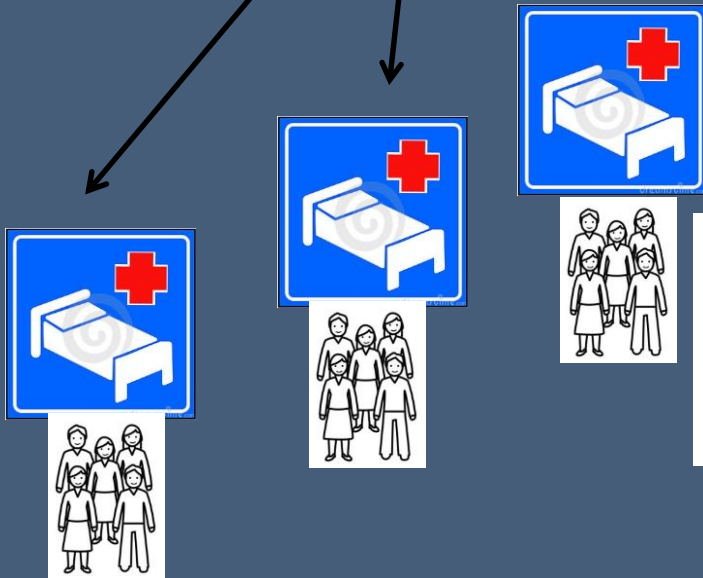
# UNTIL 2005



Pharmaceutical company A

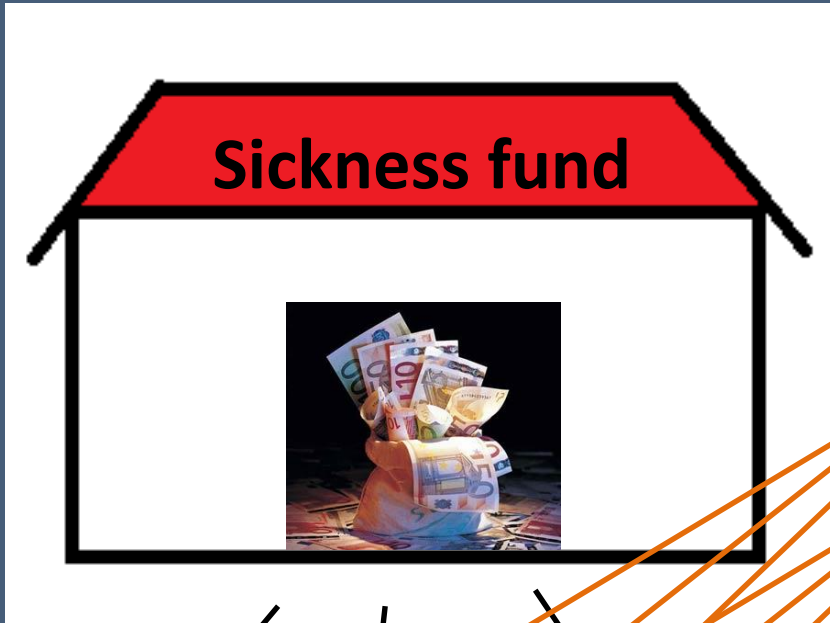
Pharmaceutical company B

Pharmaceutical company C



- 18% yearly budget increase
- Centralized price negotiation

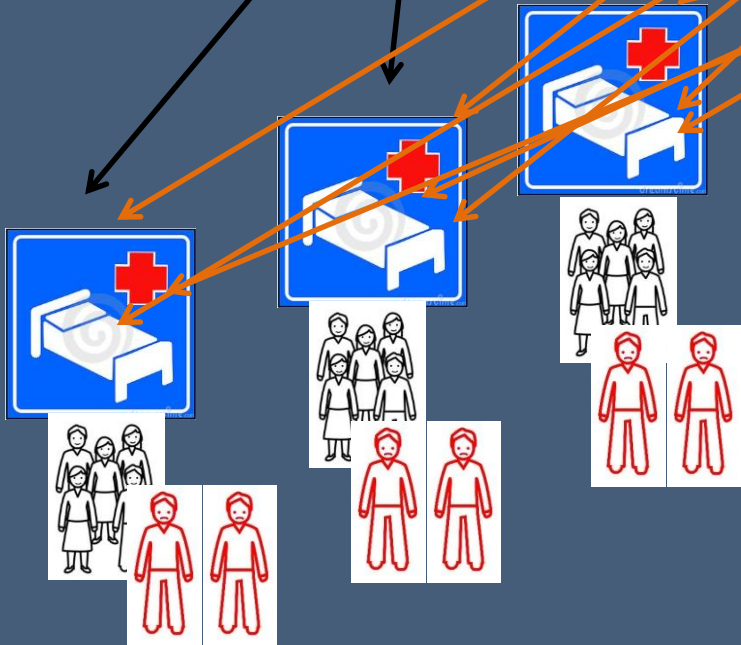
# SINCE 2006



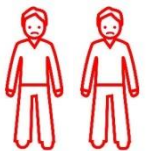
Pharmaceutical company A

Pharmaceutical company B

Pharmaceutical company C



- 5% yearly budget increase
  - Price per hospital
- => untreated patients





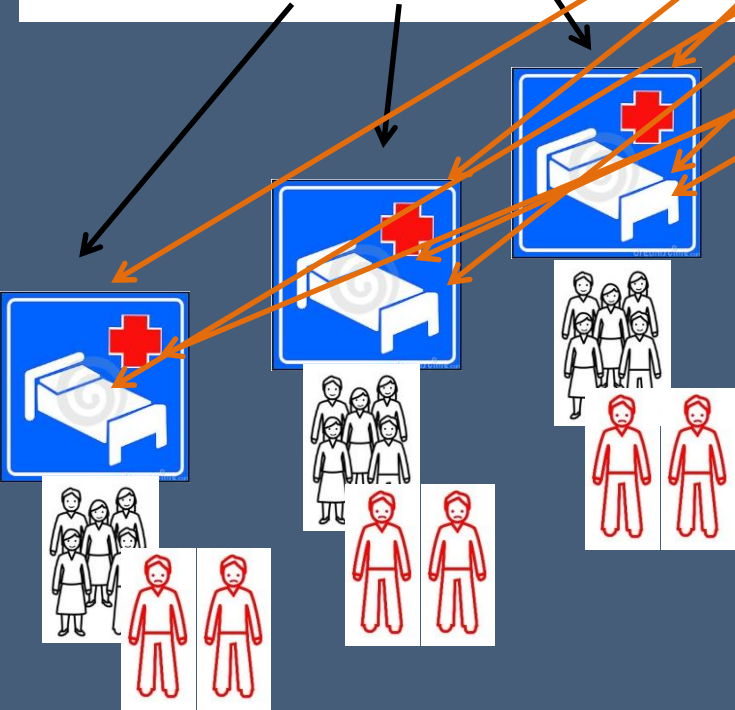
# Year 2011



Pharmaceutical company A

Pharmaceutical company B

Pharmaceutical company C



• **NO budget increase since 2010**  
⇒ **More untreated patients**

A row of 12 red patient icons representing untreated patients.

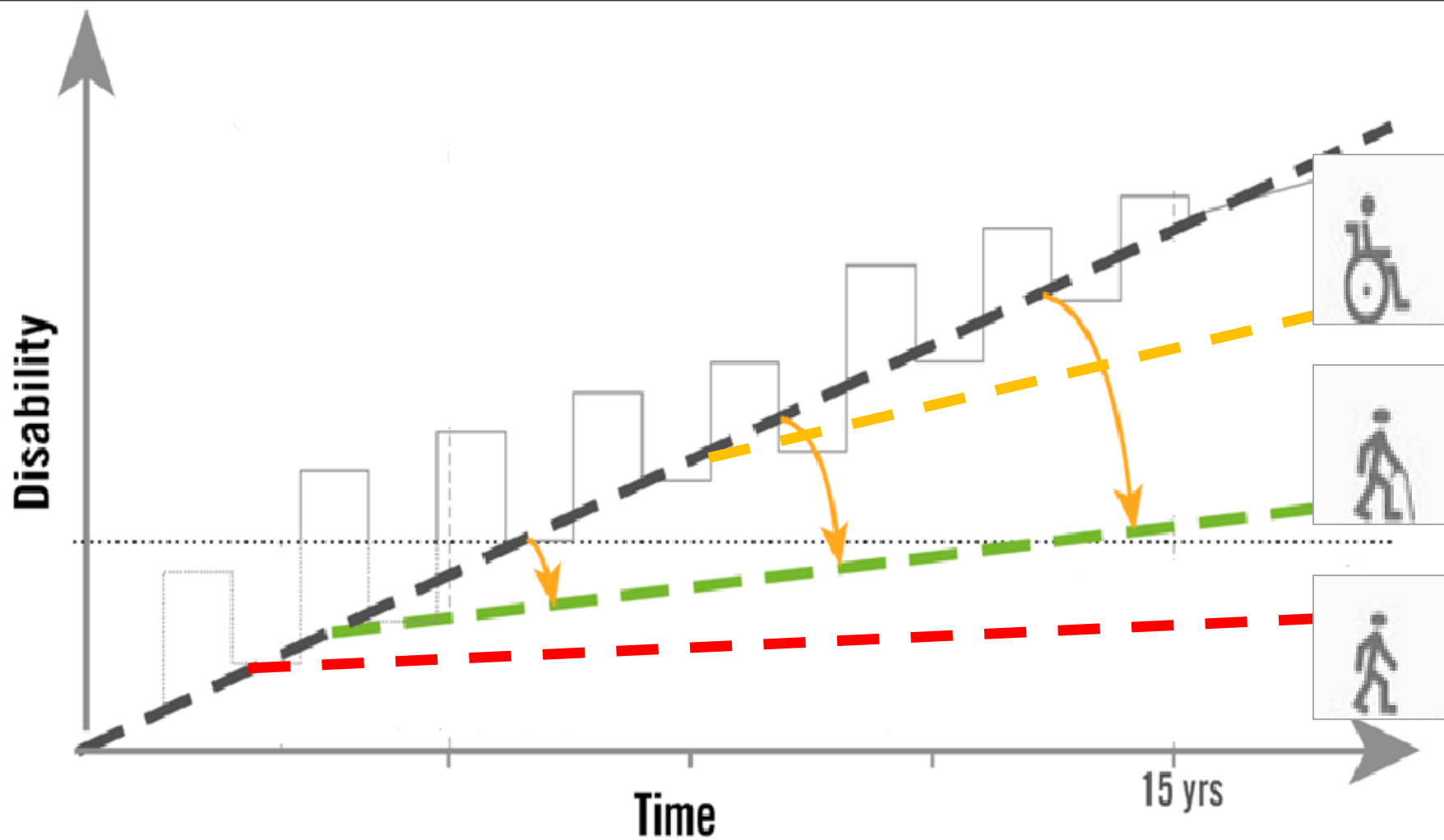
# Year 2012

- **2011 – further restriction => waiting lists**
- We asked EMSP for help →
- Oct 24, 2011: First round table organized in Czech Parliament
  - No deputy from Ministry of Health attended
  - No reply to questions for Minister of Health

Budget calculated for treatment is not based upon the number of treated patients + incidence / year

# Consequences of a delayed treatment

# How to stop disability progression



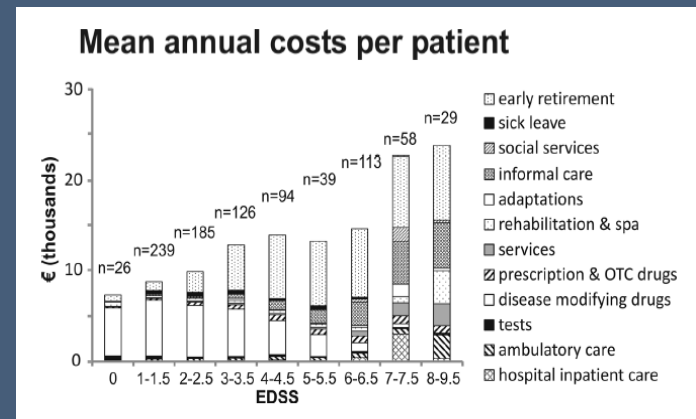
# Economical consequences of MS

## Cost of MS 900 pts, Prague

- **In early MS: € €**
- **In later MS: € € € €**

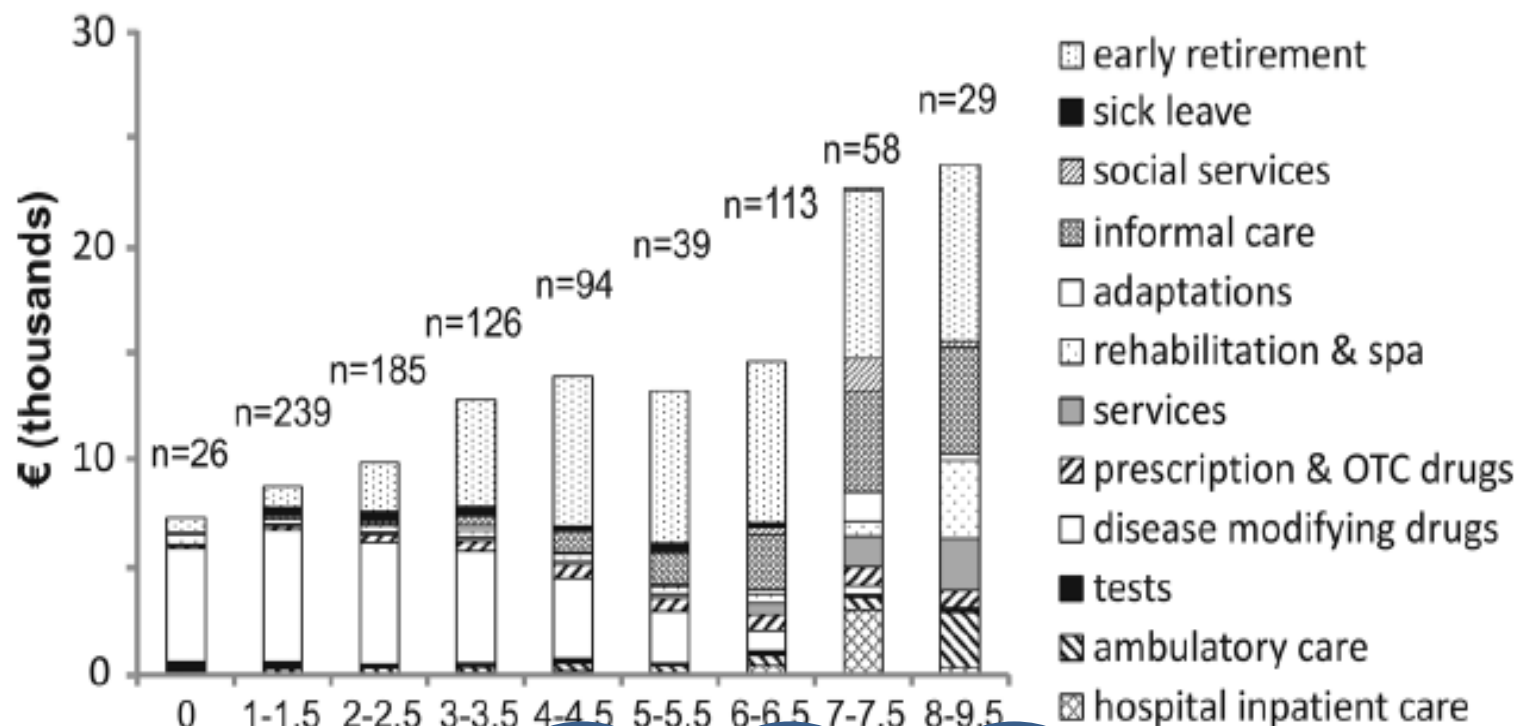
- Cost of treatment
- Cost of early retirement – the main cost
- Cost of hospital inpatient care, outpatient care, support services, rehabilitation

**54% of patients with MS maintained employment !**



# Cost of MS in Czech Republic

## Mean annual costs per patient



# This is me

- I was diagnosed with MS
- I am on a wait list for treatment !
- Delay in treatment = disability
  
- Disability can be prevented with early treatment.



**I do not have to become disabled and dependent**

# We need your support

- It is a standard of care in Europe to treat Multiple Sclerosis since the time of diagnosis and to use the most effective medications to prevent disability

**Why is it acceptable to delay treatment of MS in the Czech Republic?**





**Thank you.**  
**WE HOPE FOR YOUR ACTION**



**Lenka Pospíšková**

Charles University in Prague  
Medical student and MS patient