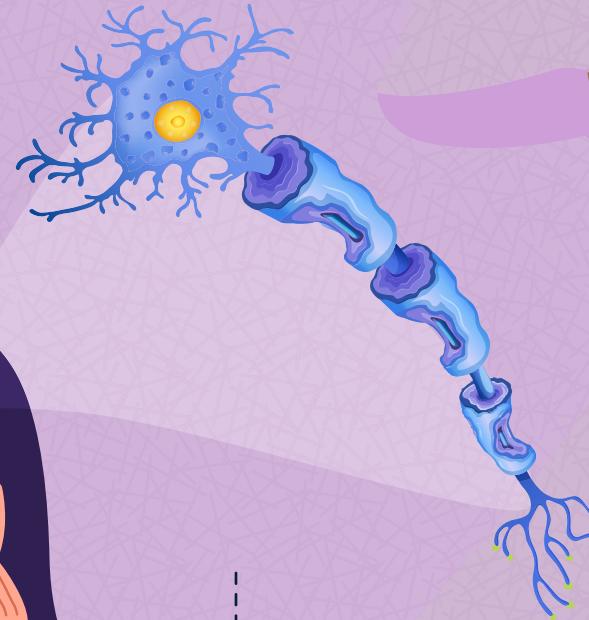


Occurrence of Depression and Anxiety in Pregnant Women with Multiple Sclerosis

People with multiple sclerosis (MS) are known to have an increased prevalence of depression and anxiety



However, the occurrence of depression and anxiety associated with pregnancy in women with MS is not clear

Study question

What is the occurrence of depression and anxiety during the pre- and postnatal period in women with MS?

Prospective population-based cohort study



Norwegian Mother, Father and Child Cohort study

546 women diagnosed with MS

MS diagnosis before pregnancy

140

MS diagnosis after pregnancy with

Pre-pregnancy symptoms

98

Post-pregnancy symptoms

308

- Detection of depression and anxiety
- Assessment of risk factors for depression
- MS-groups vs non-MS group Statistical analysis with odds ratio (OR) estimation

Risk of depression ↑

MS before pregnancy

Women without MS

Increased risk, OR = 2.0 (95% CI=1.2-3.1)

Higher risk of depression in 3rd trimester in women with MS before pregnancy

Risk factors

- Adverse socioeconomic factors
- History of psychiatric disease
- History of physical/sexual abuse

MS after pregnancy

High risk of postpartum depression

MS with symptom onset within 5 years after pregnancy



Women diagnosed with MS have increased risk of perinatal depression