



# DAREMUS

Dansk Selskab for Forskning i Multipel Sklerose

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**Ønsker deltagelse i foredragskonkurrencen (4 abstracts udvælges):** JA (  ); NEJ (  )

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## Vaccines and Multiple Sclerosis

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Hypothesis: Vaccination is often the most effective tool against some disease known to mankind. Case reports of multiple sclerosis (MS) and MS exacerbation following vaccines have lead to distrust of some vaccines (e.g. hepatitis B) and doubts as to their safety use for patients with MS. This study offers a literature review on the role of vaccines regarding the risk of MS onset and MS relapse.

Method: A systematic literature review on the database PubMed.

Results/discussion: The study found no change in risk of developing MS after vaccination against hepatitis B virus, human papillomavirus, seasonal influenza, measles-mumps-rubella, variola, tetanus, Bacillus Calmette-Guérin (BCG), polio or diphtheria. No change in risk of relapse was found for influenza. Further research is needed for the potential therapeutic use of the BCG-vaccine in patients in risk of developing MS and for the preventive potential of the tetanus and diphtheria vaccine.

**Deadline for indsendelse af abstract til:** [Henrik.Boye.Jensen@rsyd.dk](mailto:Henrik.Boye.Jensen@rsyd.dk) **SENEST 15. februar 2016.**