

# **Comorbid medical disorders in children and adolescents with ADHD**

SPECIALE PÅ KANDIDATUDDANNELSEN I MEDICIN  
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## **English abstract**

### **Introduction:**

Attention Deficit Hyperactivity Disorder (ADHD) is a common neuropsychiatric disorder among children and adolescents. Psychiatric comorbidity is well known in these patients, but recent studies suggest that also medical disorders like atopic diseases (AD) are more common among children and adolescents with ADHD. The aim of this thesis is to examine whether ADHD-children have a higher rate of AD than non-ADHD peers.

### **Methods:**

Multiple medical databases were searched to conduct a literature study with literature from the past 10 years. The relevant literature was then quality assessed using The Quality Assessment Tool for Quantitative Studies and finally 8 articles were included in this thesis.

### **Results:**

A statistically significant increased risk of both atopic dermatitis and allergic rhinitis was found in ADHD-children. Also an increased risk of asthma was found, however, this was not statistically significant.

### **Conclusion:**

Children and adolescents with ADHD were found to have more frequent comorbid AD than non-ADHD peers. However, it was not possible to assess the causality.