



POSTER PRESENTATION

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# P87 - A national multicenter registration of treatment with omalizumab in Danish asthmatic children

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## Background

In Denmark, Omalizumab is approved for treating children with severe persistent allergic asthma older than 6 years of age. No systematic registration of the efficacy in the Danish child population according to asthma symptoms or the efficacy on co-morbid allergic symptoms exists. A broad panel of outcome measures is necessary to evaluate the efficacy of Omalizumab treatment.

## Aim

To provide a standardized systematic registration in order to create a database enrolling children with severe allergic asthma treated with Omalizumab.

## Method and study design

A national multicenter registration and follow-up study based on children with clinical persistent severe allergic asthma including both retrospective and prospective registration.

## Inclusion criteria

Children, 6-18 years of age, with severe persistent allergic asthma according to GINA treated with Omalizumab.

## Outcome registration

A broad panel of outcome measures is scheduled at baseline and during treatment:

## Outcome

- Asthma exacerbations
  - Hospitalizations
  - Medication

- Lung function
- ACT score
- Peak-flow
- FeNO
- Mannitol/Methacholin test
- Skin prick-test
- Quality of life score. (Juniper)
- Rhinitis score, R-RTSS
- SCORAD score

The monitoring plan and follow-up programme will be presented in a flowchart.

## Conclusion

We believe that a national systematic registration will increase knowledge regarding efficacy of Omalizumab treatment in this rare group of severe allergic asthmatic children.

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