

# PREDICTION-ADR

Meeting 15.09.2015

Dr. Eva Rye Rasmussen

Specialty registrar department of oto-rhino-  
laryngology - head and neck surgery

Copenhagen University Hospital

- \* Specialty registrar of Oto-Rhino-Laryngology
- \* Member of the Danish research group on BradyKinin-mediated Angioedema (DABKA)
- \* Published 11 papers on angioedema since 2012
- \* Currently including patients for PREDICTION-ADR
- \* Striving to get the bradykinin receptor antagonist implemented for angiotensin converting enzyme inhibitor mediated angioedema
- \* Other areas of research: Sialendoscopy, globulus patients, miscellaneous ENT topics

## My disclosures:

- \* Unrestricted research grant: CLS Behring, Viropharma.
- \* Travel and payment for lectures: MSD Norway, Shire.
- \* Research activities: Shire.

All research activities are related to hereditary angioedema.

In 2013-14 I was planning a Ph.D. Project regarding angiotensin converting enzyme-inhibitors (ACEi) and angioedema, with my great supervisors Prof. Christian Buchwald, Prof. Anette Bygum, Prof. Preben Homøe and Prof. Jesper Hallas.

But I had no luck raising enough funding...



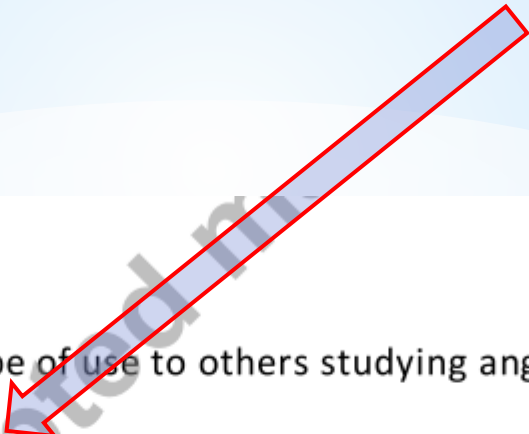
- \* Drove around Zealand to teach all relevant departments about angioedema and ACEi
- \* Almost 45 % of the Danish population inhabits Sealand

# Clinical Pharmacology & Therapeutics

Phenotype standardisation of angioedema in the head and neck region caused by agents acting on the angiotensin system

Mia Wadelius, Sara E Marshall, Gunilla Islander, Leif Nordang, Malgorzata Karawajczyk, Qun-Ying Yue, Ingrid Terreehorst, Ekaterina V. Baranova, Svante Hugosson, Karin Sköldefors, Munir Pirmohamed, Anke-Hilse Maitland van der Zee, Ana Alfirevic, Pär Hallberg, Colin N.A. Palmer

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We hope this guidance will be of use to others studying angioedema induced by ACE inhibitors or ARBs, and invite researchers and consortia interested in collaborating concerning this rare, but potentially dangerous, adverse drug reaction.

endeley


## PREDICTION-ADR

Eva Rye Rasmussen

**Sendt:** 3. juli 2014 21:26

**Til:** c.n.a.palmer@dundee.ac.uk; mia.wadelius@medsci.uu.se

**Cc:** anette.bygum@rsyd.dk; Christian.Buchwald@regionh.dk; jhallas@health.sdu.dk; prho@regionsjaelland.dk

**Vedhæftede filer:**  [Ultrashort CV ER.docx \(27 KB\)](#) [[Åbn som webside](#)]

Dear Dr. Palmer and Dr. Wadelius

My research group and I have read your paper "Wadelius M, E Marshall S, Islander G, et al. (2014) Phenotype standardisation of angioedema in the head and neck region caused by agents acting on the angiotensin system. Clin Pharmacol Ther. doi: 10.1038/clpt.2014.138" with great interest.

We are interested in bradykinin mediated angioedema, and are currently striving to launch a PhD project in which we (among other things) will collect blood samples from about 200 ACE-inhibitor angioedema patients to perform targeted Next Generation Sequencing to assess polymorphisms in the bradykinin pathway. Part of this project will be registry studies on angioedema due to pharmaceuticals i.e. (but not limited to) ARB's and dipeptidyl-peptidase-IV inhibitors.

In your paper, you invite other researchers to collaborate in the investigation of this very interesting and dangerous adverse reaction. We see that your research group does not include any Danish researchers or hospitals yet and we could be interested in such a collaboration.

Can you please explain in more detail about your project and the practicalities?

I attach my CV for your information.

Best regards,

Eva Rye Rasmussen, MD, ENT department of Slagelse and Rigshospitalet, DK

Christian Buchwald, Dr.Med.Sci., Professor, ENT department of Rigshospitalet, DK

Anette Bygum, Associate Professor, Dept. of dermatology, Odense University Hospital, DK

Preben Homøe, Dr.Med.Sci., Professor, ENT department of ENT, Køge, DK

Jesper Hallas, Dr.Med.Sci., Professor, Dept. of clinical pharmacology, Odense University Hospital, DK





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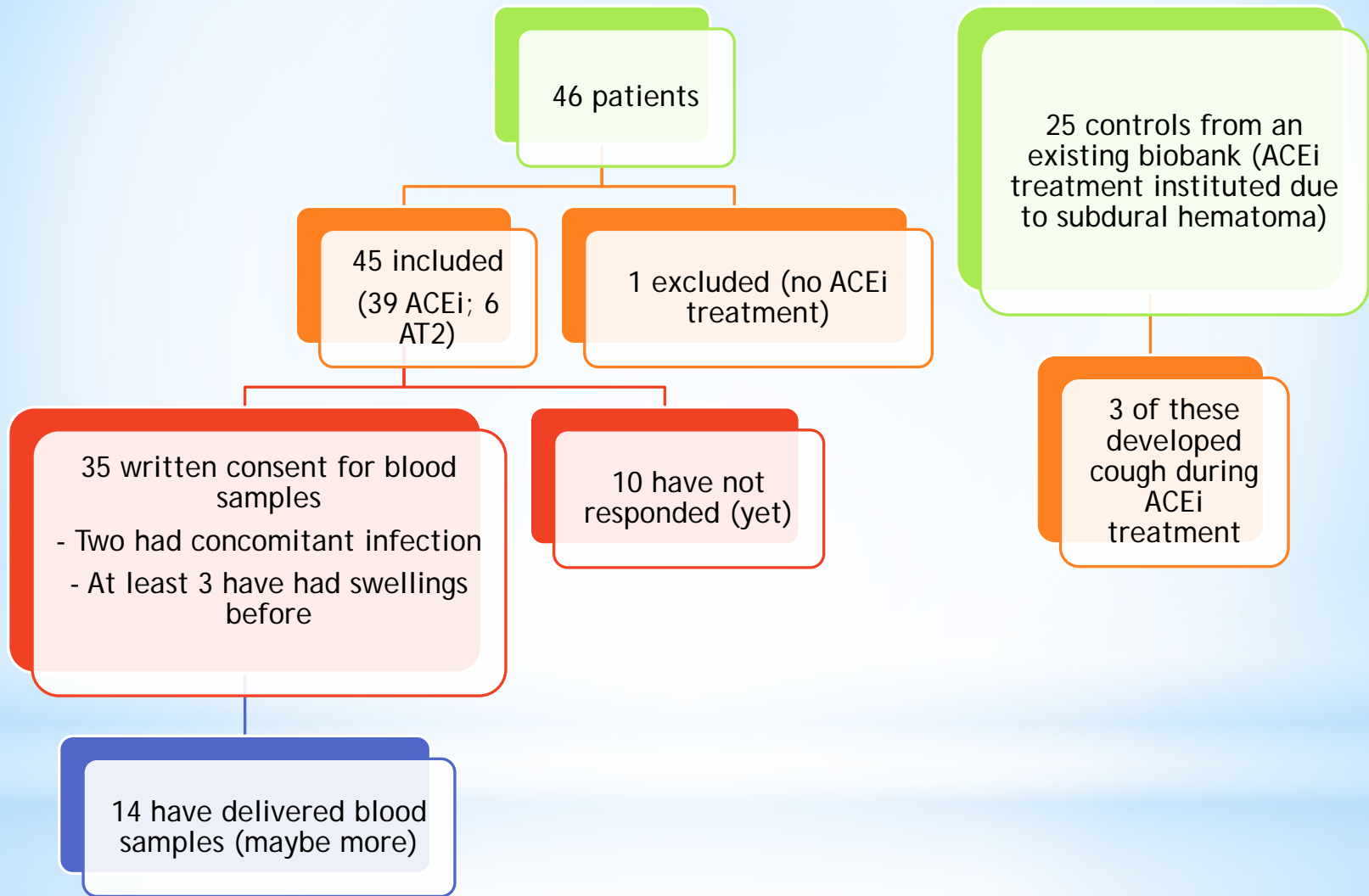




Some department are more active  
than others of course

Much co-ordination

more than 20 departments and 5  
laboratories



- \* The majority of patients have been included from my own hospital and one department of dermatology/allergy
- \* I have approval from the ethics committee to contact all patients since 1990 who have been assessed for angioedema at Odense University Hospital and found to have ACEi angioedema
  - but I do not have the time for data collection

- \* 1. October I will have research leave from my in-training position
- \* I will collect remaining blood samples
- \* Fill out the two questionnaires over the phone with each patient
- \* Terminate inclusion from the rest of Sealand (lack of time and money)

I am very happy I met the PREDICTION-ADR group and hope we will have a fruitful collaboration



## Contact information

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