

Manuscript no. HAEMATOL/2012/069195 entitled "Finding the origin of pulmonary embolism with a total-body magnetic resonance direct thrombus imaging technique"

Authors: K. van Langevelde, A. Šrámek, P.W.J. Vincken, C.J. van Rooden, F.R. Rosendaal, S.C. Cannegieter.

Department of Clinical Epidemiology, Leiden University Medical Center, Leiden, the Netherlands; Department of Radiology, Leiden University Medical Center, Leiden, the Netherlands; Department of Radiology, Rijnland hospital, Leiderdorp, the Netherlands; Department of Radiology, Haga Teaching Hospital, The Hague, the Netherlands; Department of Thrombosis and Haemostasis, Leiden University Medical Center, Leiden, the Netherlands

Information about the contributions of each person named as having participated in the study

1) Guarantor(s), i.e., person(s) who is (are) responsible for the integrity of the work as a whole:

Suzanne C. Cannegieter, Department of Clinical Epidemiology, Leiden University Medical Center, Leiden, the Netherlands. S.c.cannegieter@lumc.nl

According to the International Committee of Medical Journal Editors (ICMJE)

(http://www.icmje.org/ethical_1author.html): "Authorship credit should be based on: 1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3 Acquisition of funding, collection of data, or general supervision of the research group alone does not constitute authorship".

The guarantors of this manuscript confirm that all persons designated as authors qualify for authorship, and that each author has participated sufficiently in the work to take public responsibility for appropriate portions of the content.

2) Authors who participated in the conception of the study: F.R. Rosendaal, S.C. Cannegieter, A. Sramek.

3) Design & Methods. The following authors were responsible for specific investigations (please detail):

S.C. Cannegieter: Design of the analyses, revision of the manuscript.

F.R. Rosendaal: Study concept and design, revision of the manuscript.

A. Sramek: Study concept and design, reading of MRI-scans, revision of the manuscript.

P.W.J. Vincken: Study coordinator Rijnland Hospital, revision of the manuscript.

J.C. van Rooden: Reading of MRI-scans, revision of the manuscript.

K.van Langevelde: Study coordinator LUMC, drafting of the manuscript and statistical analyses.

4) Results. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

K. van Langevelde was responsible for all figures and tables.

5) Writing the manuscript. The following authors were responsible for writing the manuscript:

K. van Langevelde was responsible for drafting the manuscript and statistical analyses.

S.C. Cannegieter, F.R. Rosendaal, A. Sramek, J.C. van Rooden and P.W.J. Vincken were responsible for revision of the manuscript.

6) Contributors Listed in Acknowledgments:

We acknowledge all patients who participated in the study.

We thank the clinicians from the Rijnland and LUMC hospital for their cooperation with recruitment of patients into the study.

We thank Guido R. van Haren for technical support with the MRI scanning protocol.

We thank Petra J. Noordijk for performing the laboratory measurements for the DNA analyses.

We thank Hans A. Vogelaar for developing a PROMISE web database for the study.

We thank Anne Bosch for administrative support with the enrollment of patients.

Funding Source

This study was supported by Netherlands Heart Foundation grant number 2009B050. The funding organisation is a public institution and had no role in the design and conduct of the study; collection, management, analysis, and interpretation of the data; and preparation, review, or approval of the manuscript.