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### ***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:
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2) Authors who participated in the **conception of the study**: Paolo Simioni, Elisabetta Castoldi, Jan Rosing

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

- Paolo Simioni, Daniela Tormene and Luca Spiezia were responsible for the selection and enrolment of the study population
- Elisabetta Castoldi, Jan Rosing, Lisbeth Maurissen and ilman Hackeng were responsible for the genetic screening and the functional assays
- Sabrina Gavasso and Claudia Radu were responsible for the thrombophilia screening of the whole study population

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):

- Figure 1: Paolo Simioni and Daniela Tormene
- Figure 2: Elisabetta Castoldi and Jan Rosing
- Figure 3: Elisabetta Castoldi and Jan Rosing
- Figure 4: Lisbeth Maurissen and Tilman Hackeng
- Figure 5: Elisabetta Castoldi
- Table 1: Paolo Simioni and Elisabetta Castoldi
- Table 2: Elisabetta Castoldi
- Table 1 Supplement: Elisabetta Castoldi and Jan Rosing
- Table 2 Supplement: Lisbeth Maurissen and Tilman Hackeng

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

- Elisabetta Castoldi and Paolo Simioni were responsible for writing the manuscript
- Jan Rosing, Tilman Hackeng and Paolo Simioni were responsible for critically reviewing the manuscript

#### **6) Contributors Listed in Acknowledgments:**

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