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

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**2) Authors who participated in the conception of the study:** Maura Poli, Dario Finazzi, Laura Silvestri, Antonella Roetto, and Paolo Arosio

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

- Maura Poli, Sara Luscieti, Valentina Gandini and Federica Maccarinelli mainly performed the laboratory work
- Dario Finazzi, Laura Silvestri, Antonella Roetto, and Paolo Arosio performed the analysis and discussed the results

**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):

- Maura Poli and Sara Luscieti were responsible for figure 1-3
- Maura Poli and Antonella Roetto were responsible for fig 4
- Maura Poli was responsible for fig 5, 6
- Paolo Arosio and Maura Poli were responsible for fig 7
- Dario Finazzi was responsible for the statistics

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

- Paolo Arosio and Maura Poli wrote the manuscript.
- All authors participated in critical revision of the entire manuscript

**6) Contributors Listed in Acknowledgments:**

The study design, data collection, analysis and manuscript preparation were performed by us and were not assisted by anyone else other than the authors. None of the authors has any financial interest or conflicts of interest to disclose