
Authors Virginie Gandemer, Sylvie Chevret, Arnaud Petit, Christiane Vermylen, Thierry Leblanc, Gérard Michel, Claudine Schmitt, Odile Lejars, Pascale Schneider, François Demeocq, Brigitte Bader-Meunier, Françoise Bernaudin, Yves Perel, Marie-Françoise Auclerc, Jean-Michel Cayuela, Guy Leverger and André Baruchel on behalf of the FRALLE group

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:
   - Virginie Gandemer, Department of Pediatric Hematology/Oncology, University Hospital of Rennes, France. E-mail: virginie.gandemer@chu-rennes.fr
   - André Baruchel, Department of Pediatric Hematology of Robert Debré Hospital and Paris Diderot University, France. E-mail: andre.baruchel@rdb.aphp.fr

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: Virginie Gandemer, Arnaud Petit, Christiane Vermylen, Thierry Leblanc, Gérard Michel, Claudine Schmitt, Odile Lejars, Pascale Schneider, François Demeocq, Brigitte Bader-Meunier, Françoise Bernaudin, Yves Perel, Jean-Michel Cayuela, Sylvie Chevret, Marie-Françoise Auclerc, Guy Leverger and André Baruchel.

3) Design & Methods. The following authors were responsible for specific investigations:
   - Sylvie Chevret and Marie-Françoise Auclerc were responsible for statistical analysis
   - Virginie Gandemer, Sylvie Chevret, Guy Leverger and André Baruchel were responsible for design of the study
   - Virginie Gandemer, Arnaud Petit, Christiane Vermylen, Thierry Leblanc, Gérard Michel, Claudine Schmitt, Odile Lejars, Pascale Schneider, François Demeocq, Brigitte Bader-Meunier, Françoise Bernaudin, Yves Perel were responsible for acquisition of data

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):
   - Virginie Gandemer, Sylvie Chevret, Arnaud Petit, Christiane Vermylen, Thierry Leblanc, Gérard Michel, Claudine Schmitt, Odile Lejars, Pascale Schneider, François Demeocq, Brigitte Bader-Meunier, Françoise Bernaudin, Yves Perel, Marie-Françoise Auclerc, Jean-Michel Cayuela, Guy Leverger and André Baruchel were responsible for all results analysis in the text and tables 1 and 2 and figure 1
   - Virginie Gandemer, Sylvie Chevret and André Baruchel were responsible for figure 2, 3 and 4
5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
- Virginie Gandemer, Sylvie Chevret and André Baruchel were responsible for writing the manuscript

6) **Contributors Listed in Acknowledgments:**
This work was supported by Délégation à la Recherche Clinique (Assistance Publique-Hôpitaux de Paris) a public non profit organization
We thank all members of the FRALLE group and are grateful to the children and parents who agreed to participate in the study.