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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: Francesco Lo-Coco and Emanuele Ammatuna

3) Design & Methods. The following authors were responsible for specific investigations (please detail):
   • Francesco Lo Coco and Emanuele Ammatuna were responsible for designing of the study
   • Pau Montesinos was responsible for statistical analyses and prepared the survival curves for the study
   • Syed Khizer Hasan was responsible for collecting and characterizing the patient’s samples. He was also responsible for FLT3 mutational and PML-RARA breakpoints analysis.
   • Safaa Ramadan was responsible for clinical data analysis, interpretation and also prepared tables for the paper
   • Jordi Esteve, Maximillian Hubmann and Maria Pagoni were responsible for patients work up, providing samples and clinical information for the patients included in the study
   • David Grimwade and Miguel Angel Sanz were responsible in developing clinical protocols for patient’s treatment and also provided patient samples
   • Francesco Lo-Coco was responsible in conception and design of the study and supervision of the whole work

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):
   • Francesco Lo Coco and Emanuele Ammatuna were responsible for acquisition of data, compilation of results and overall interpretation
   • Pau Montesinos was responsible for preparation and interpretation of survival curves
   • Syed Khizer Hasan was responsible for performing and analyzing the molecular results.
   • Safaa Ramadan was responsible for the interpretation of the tabular data and patients outcome
5) **Writing the manuscript.** The following authors were responsible for writing the manuscript:
- Emanuele Ammatuna, Syed Khizer Hasan, Safaa Ramadan and Francesco Lo-Coco contributed to manuscript writing.

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