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Karyotype evolution and acquisition of FLT3 or RAS pathway alterations drive progression of myelodysplastic syndrome to acute myeloid leukemia

Disclosures: W. Kern, C. Haferlach, S. Schnittger, and T. Haferlach declare part ownership of the MLL Munich Leukemia Laboratory. M. Meggendorfer, A. de Albuquerque, N. Nadarajah, T. Alpermann, K. Steuer are employed by the MLL Munich Leukemia Laboratory. K. Perglerova is employed by the MLL2 s.r.o.

Contributions: MM analyzed the data and wrote the manuscript. AA investigated molecular analyses. NN contributed to analyzing the data. TA compiled statistical analyses. KS und KP contributed to sequencing analyses. CH was responsible for cytogenetics and WK for statistical analyses. SS was responsible for molecular genetics and study design. TH was responsible for cytomorphology and the principle investigator of the study.