International reference analysis of outcomes in adults with B-precursor Ph-negative relapsed/refractory acute lymphoblastic leukemia treated according to standard of care before the introduction of new targeted therapies

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n=1,706 adult patients with Ph-negative relapsed/refractory B-precursor acute lymphoblastic leukemia



diagnosed between 1990-2013



analysis of data reflecting standard of care from 11 study groups and large centers in Europe and the United States

	Overall complete remission rate	One-year survival rate	Three-year survival rate
After First salvage treatment	40%	26%	11%
After Second salvage treatment	21%	18%	6%
After Third or greater salvage treatment	11%	15%	4%
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Overall complete remission rate was higher for patients diagnosed from 2005 onward (45%, 95% Cl: 39%-50%) Survival rates were 2%-5% higher among patients diagnosed from 2005 onward