

A Pooled Analysis of the Prognostic Relevance of Circulating Tumor Cells in Early Breast Cancer

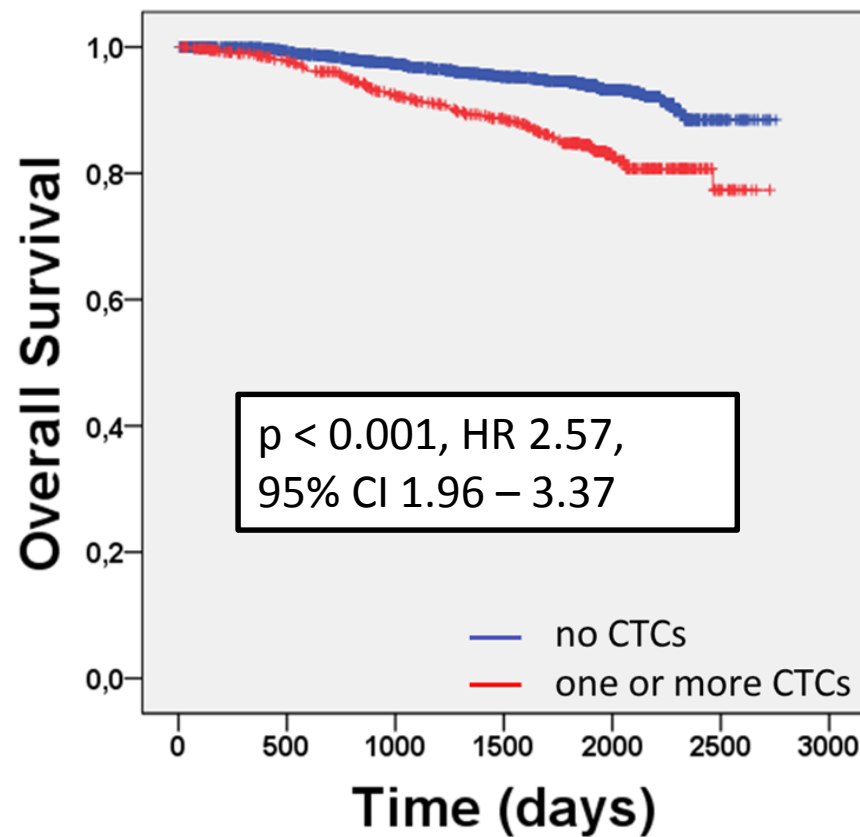
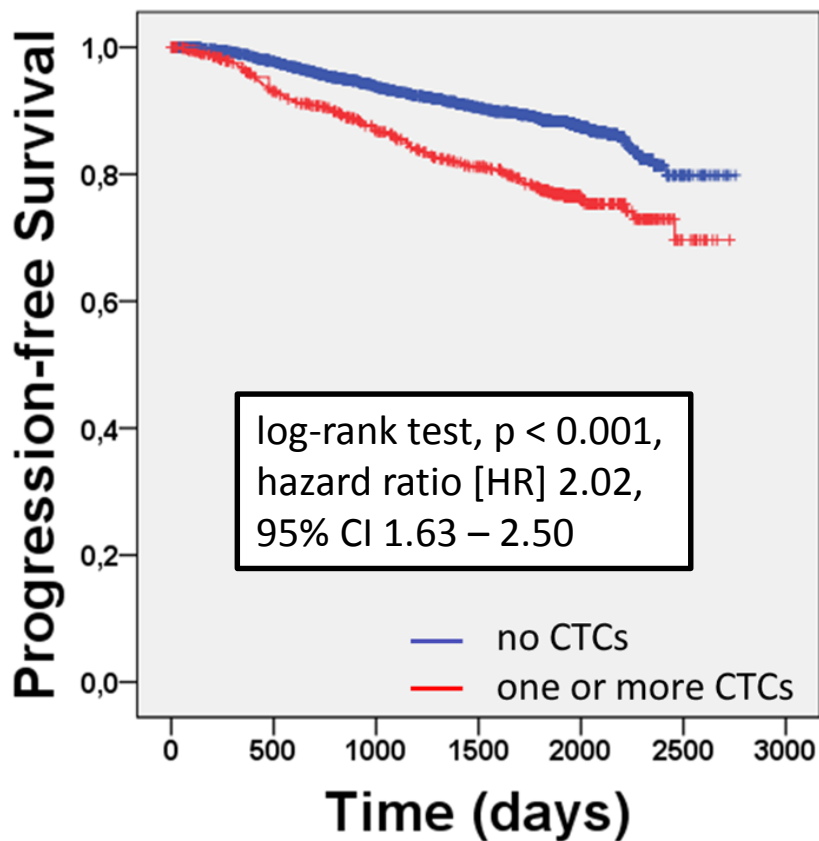
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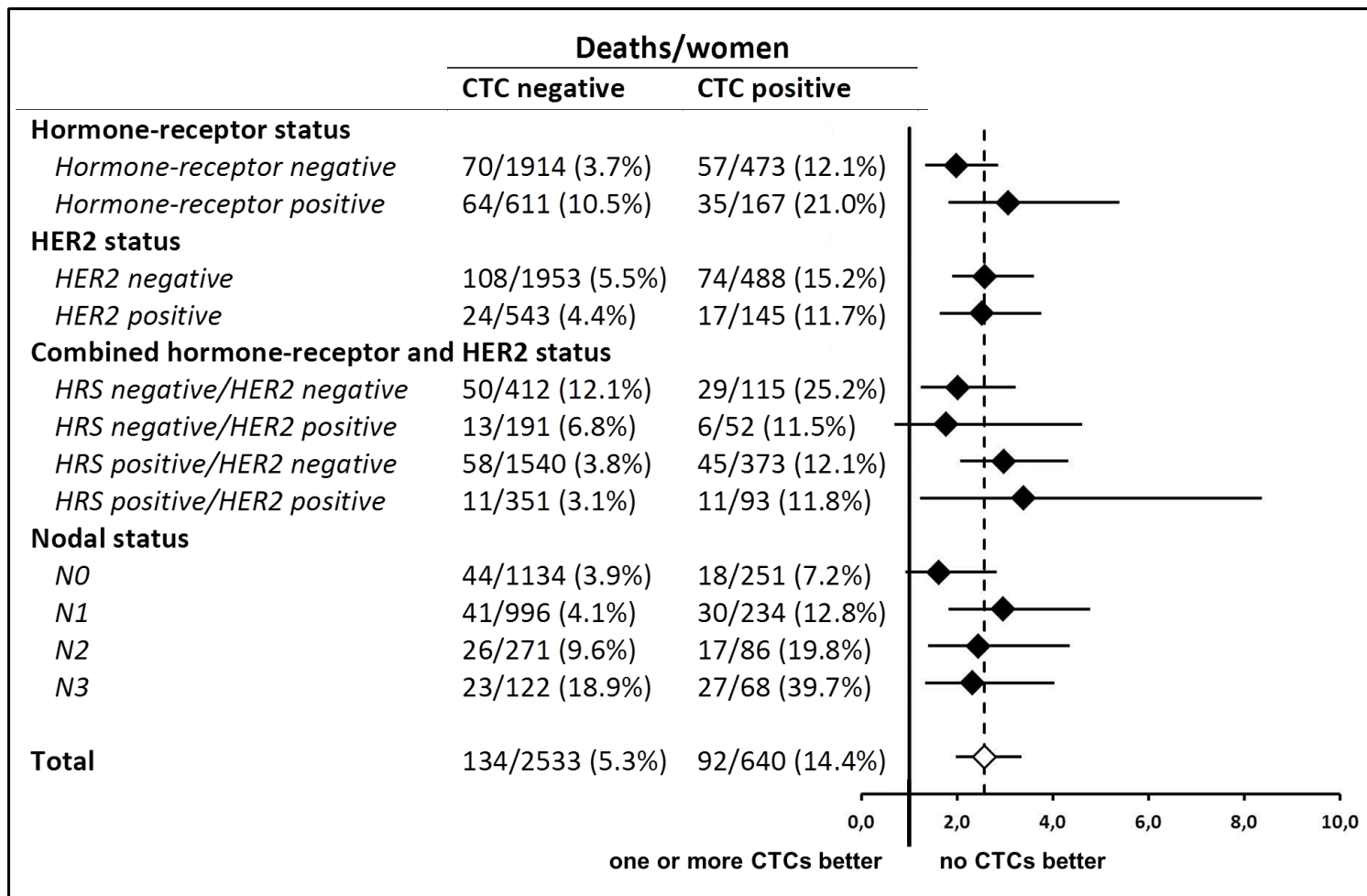
Methods

- Pooled analysis of original data of five academic institutions
- 3172 patients with non-metastatic (Stage I-III) breast cancer
- Assessment at time of primary diagnosis using the FDA-approved CellSearch System
- Median follow-up time 61 months
- At least one CTC detected in 640 out of the 3172 (20.2%) of the patients

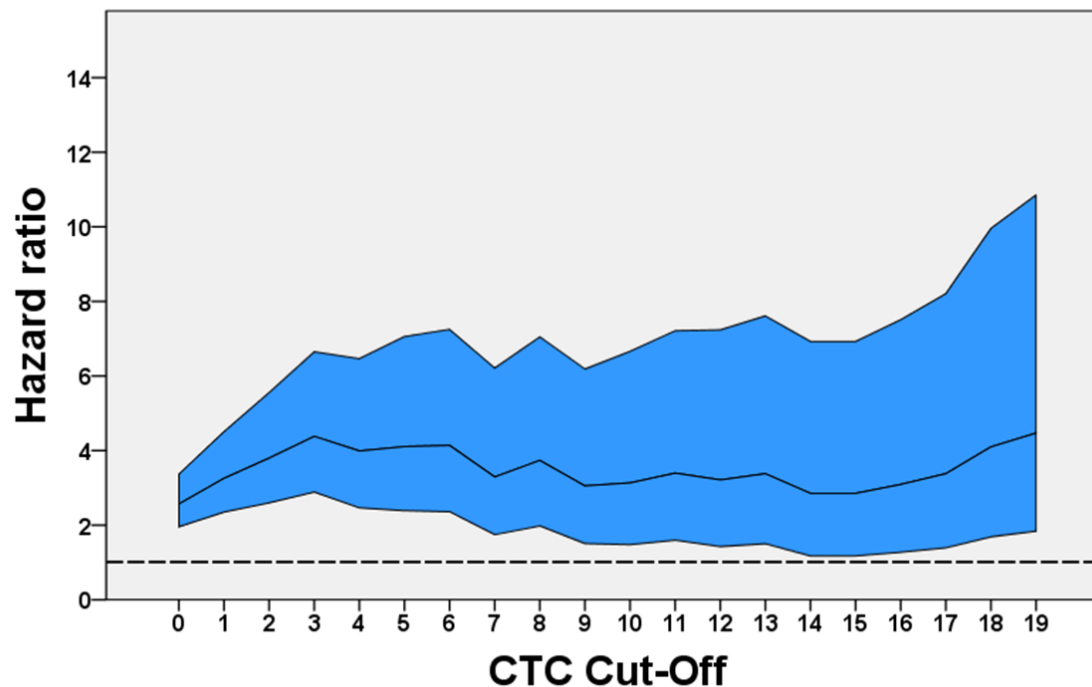
Results: PFS and OS



Results: Subgroup Analyses



Conclusion: CTC Cut-Off for OS



Conclusion: Presence of CTCs in peripheral blood independent predictor of poor progression-free and overall survival in uni- and multivariate analysis in early breast cancer