

4^ο ΕΣΟ
ΕΛΛΗΝΙΚΟ
ΣΥΝΕΔΡΙΟ
ΟΓΚΟΛΟΓΙΑΣ

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24^ο ΕΟΠΕ
ΕΤΕΡΑ
ΟΓΚΟΛΟΓΙΑ
ΠΑΡΑΔΟΣΗ
ΕΛΛΑΔΑΣ

18^ο ΕΕΑΟ
ΕΛΛΗΝΙΚΗ ΕΤΑΙΡΙΑ
ΑΠΟΦΡΟΣΙΣΤΙΚΗΣ
ΟΓΚΟΛΟΓΙΑΣ

Πέρασμα στη νέα εποχή

radiotherapy techniques and indications in the era of molecular oncology and functional imaging

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δήλωση συμφερόντων

- I do not have any conflicts of interest to declare

outline

- general facts
- molecular oncology by radiotherapy perspective
- functional imaging in breast cancer
- new radiotherapy techniques
- guidelines & clinical practice

general facts

RT & DCIS

EBCTCG meta analysis

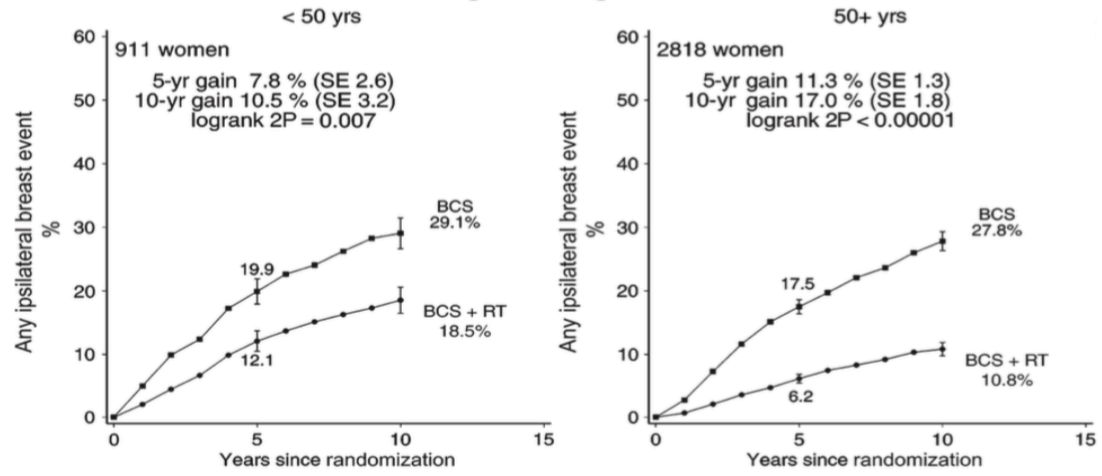


Overview of the Randomized Trials of Radiotherapy in Ductal Carcinoma In Situ of the Breast

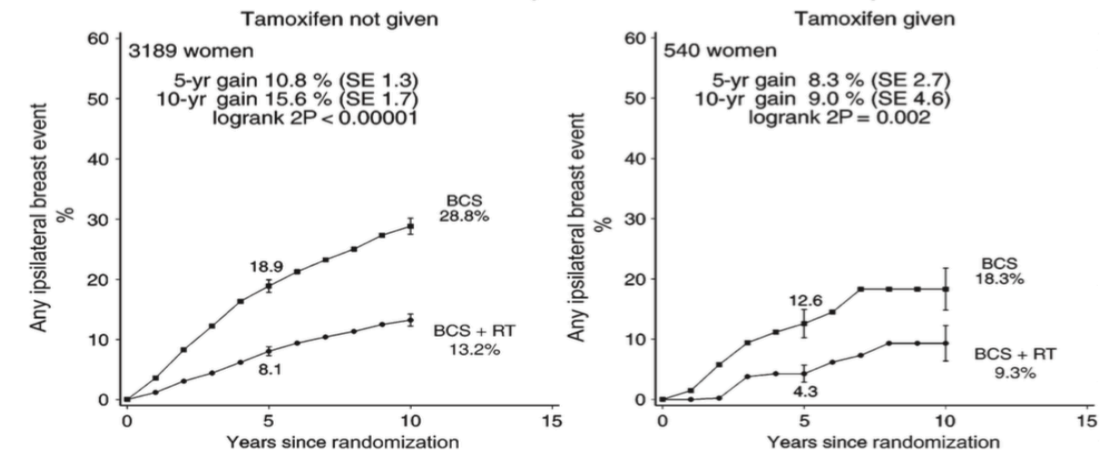
Early Breast Cancer Trialists' Collaborative Group (EBCTCG)
 J Natl Cancer Inst Monogr 2010;41:162-177

- 4 randomized trials
- 3729 pts

Age at diagnosis



Use of tamoxifen (in both treatment arms)



RT & BCT

EBCTCG meta analysis

Articles

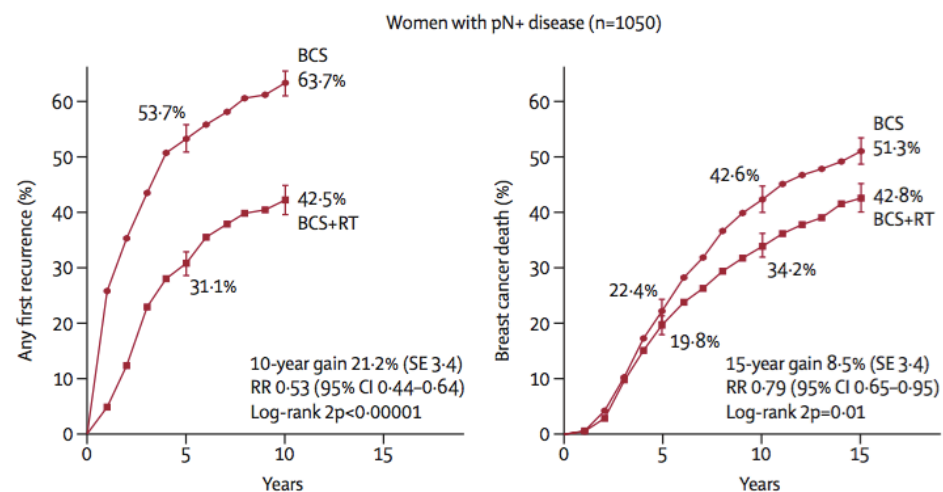
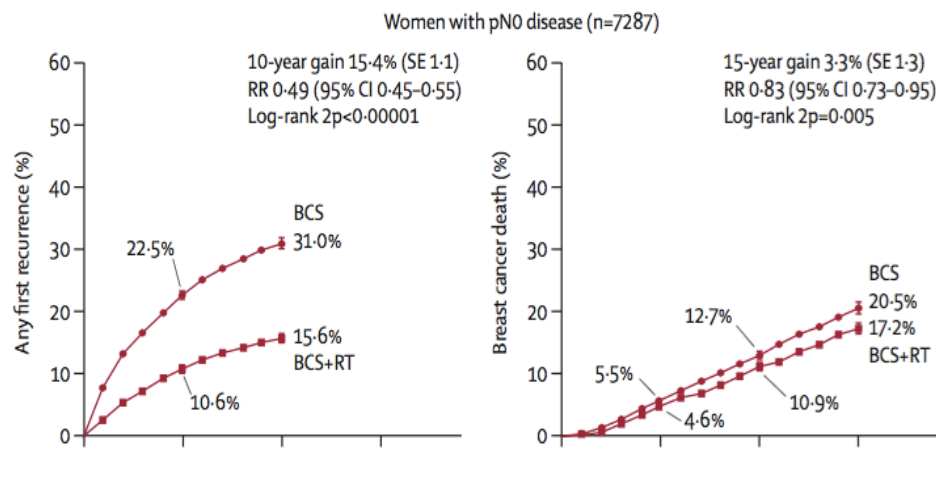
Effect of radiotherapy after breast-conserving surgery on 10-year recurrence and 15-year breast cancer death: meta-analysis of individual patient data for 10 801 women in 17 randomised trials



Early Breast Cancer Trialists' Collaborative Group (EBCTCG)*

Lancet 2011; 378: 1707-16

- 17 randomized trials
- 10801 pts



RT & mastectomy EBCTCG meta analysis

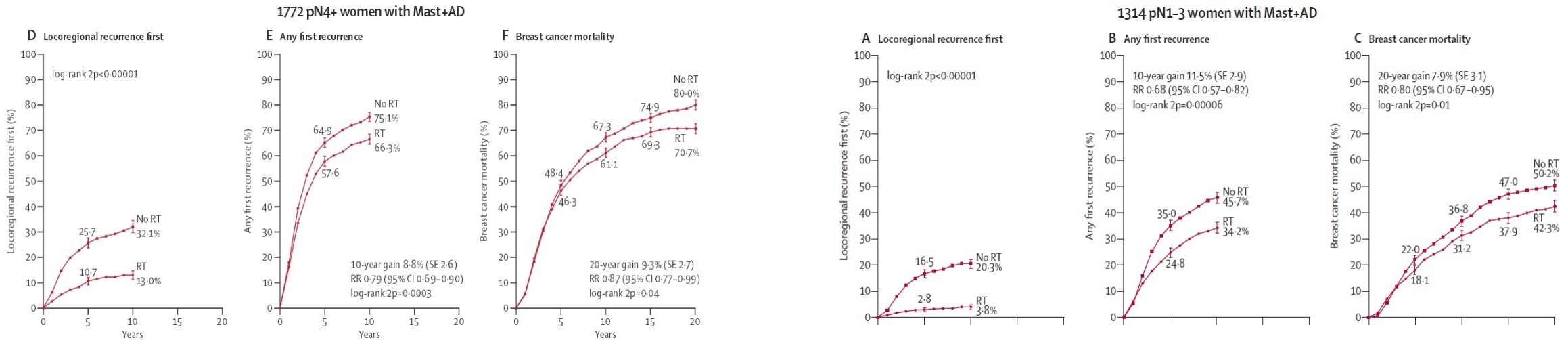
Articles

Effect of radiotherapy after mastectomy and axillary surgery on 10-year recurrence and 20-year breast cancer mortality: meta-analysis of individual patient data for 8135 women in 22 randomised trials



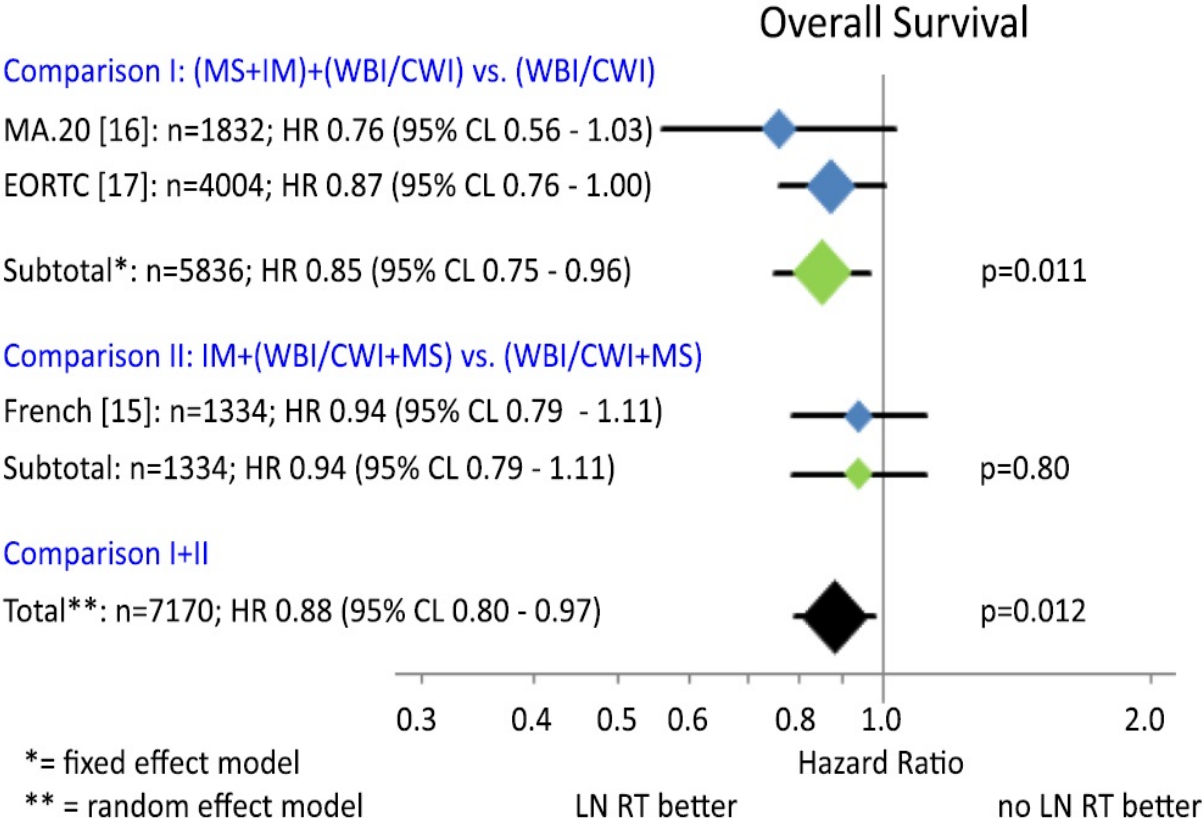
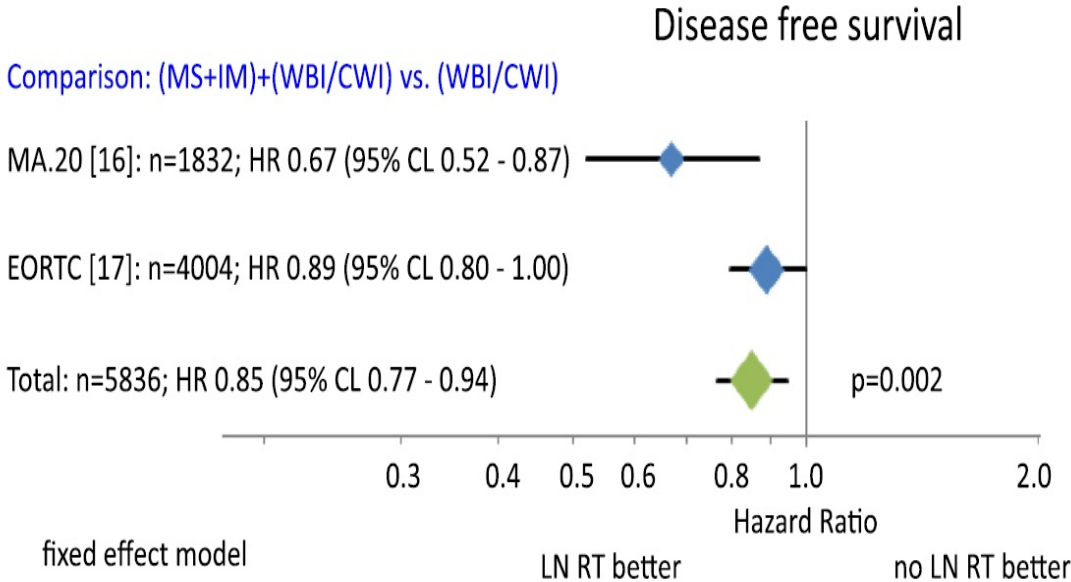
EBCTCG (Early Breast Cancer Trialists' Collaborative Group)*
Lancet 2014; 383: 2127-35

- 22 randomized trials
- 8135 pts



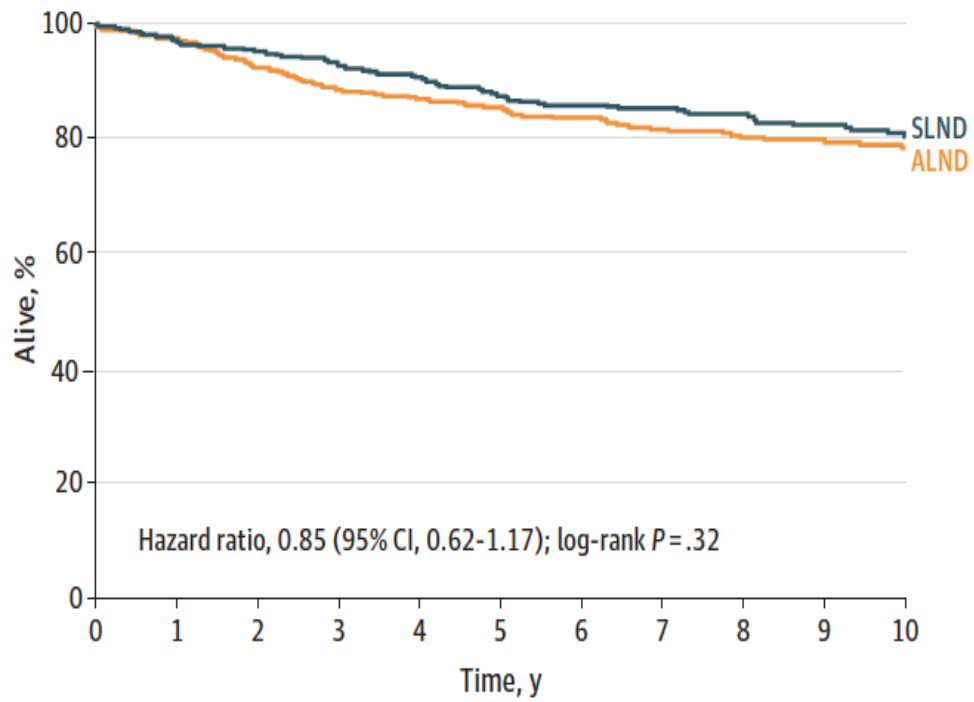
Regional Nodal Irradiation (RNI) meta analysis

- 3 randomized trials
 - MA.20 (n=1832)
 - French trial (n=1334)
 - EORTC 22922-10925 (n=4004)
- 7170 pts

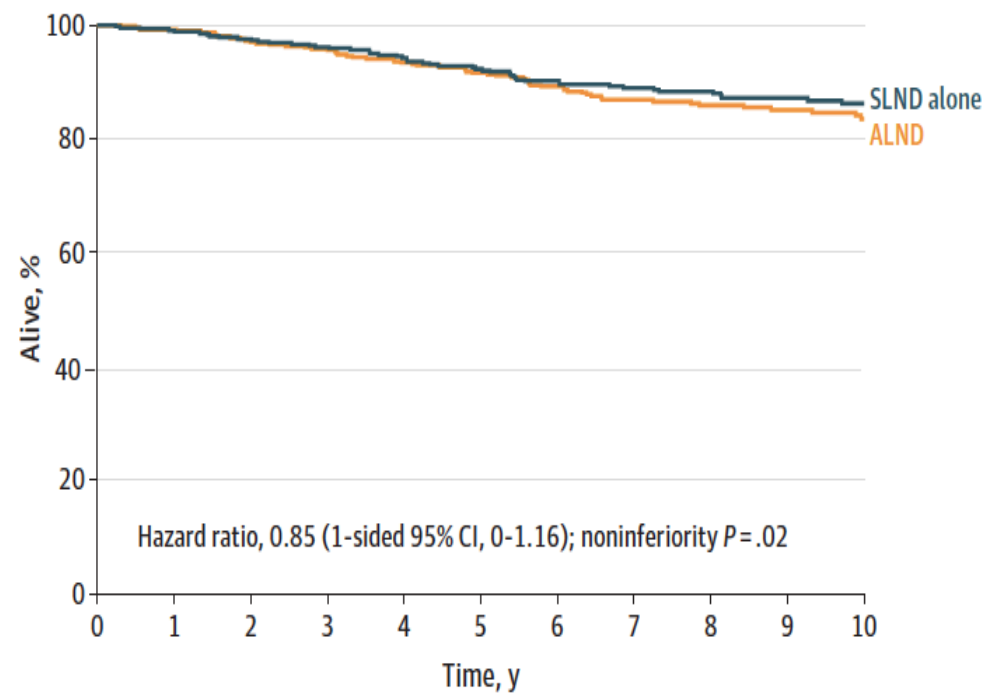


ACOSOG Z0011 trial

Disease-free survival



Overall survival



10981/AMAROS

after mapping of the axilla: RNI or Surgery?

