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Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.
We post it as supplied by the authors.

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Supplementary Table 1: Number of breast cancer events and hazard ratios according to treatment allocation and follow-up period.

	Anastrozole (N=1920)	Placebo (N=1944)
Age (years), median (IQR)	59.5 (55.0-63.5)	59.4 (55.1-66.3)
Age at menarche (years), median (IQR)	13.0 (12.2-14.0)	13.0 (12.2-14.0)
Age at first child birth (years), median (IQR)	24 (21-27)	24 (21-27)
Age at menopause (years), median (IQR)	50 (45-52)	49 (45-52)
BMI, kg/m ²	27.4 (24.2-31.1)	27.3 (24.4-31.2)
Previous HRT use	893 (47.0%)	910 (47.2%)
Hysterectomy	631 (33.2%)	656 (34.0%)
Family history (non-exclusive)		
Two or more relatives with breast/ovarian cancer	956 (49.8%)	938 (48.3%)
One relative with breast cancer at age ≤ 50	675 (35.3%)	653 (33.7%)
One relative with bilateral breast cancer	166 (8.6%)	141 (7.3%)
LCIS/Atypical hyperplasia	154 (8.0%)	190 (9.8%)
DCIS (treated with mastectomy)	160 (8.3%)	166 (8.5%)

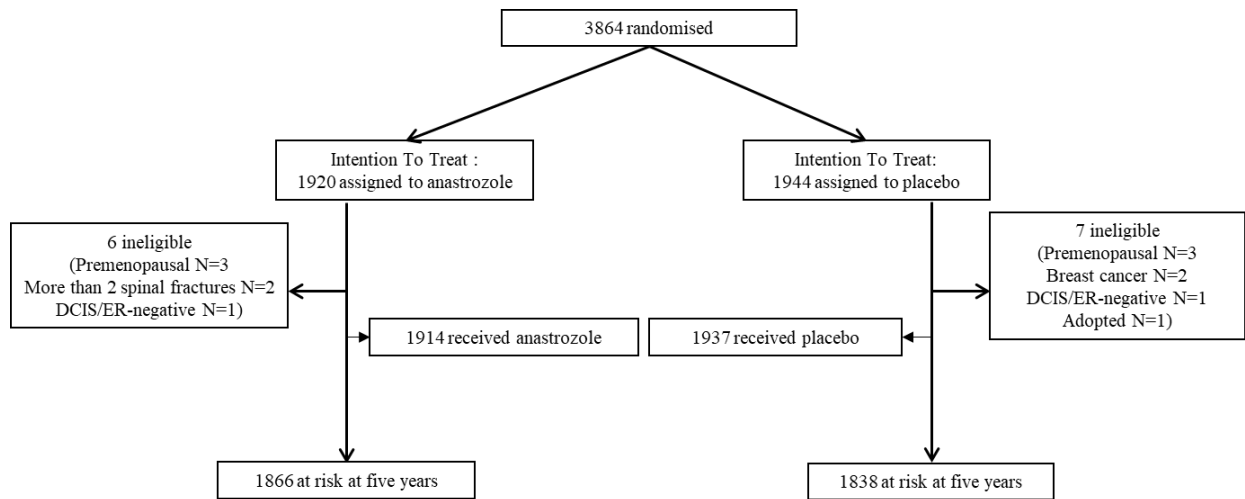
IQR=Interquartile Range, kg=kilogram, m=meter, LCIS=lobular carcinoma in situ, DCIS=ductal carcinoma in situ

Supplementary Table 2: Number of invasive breast cancer events and hazard ratios according to treatment allocation and subgroups.

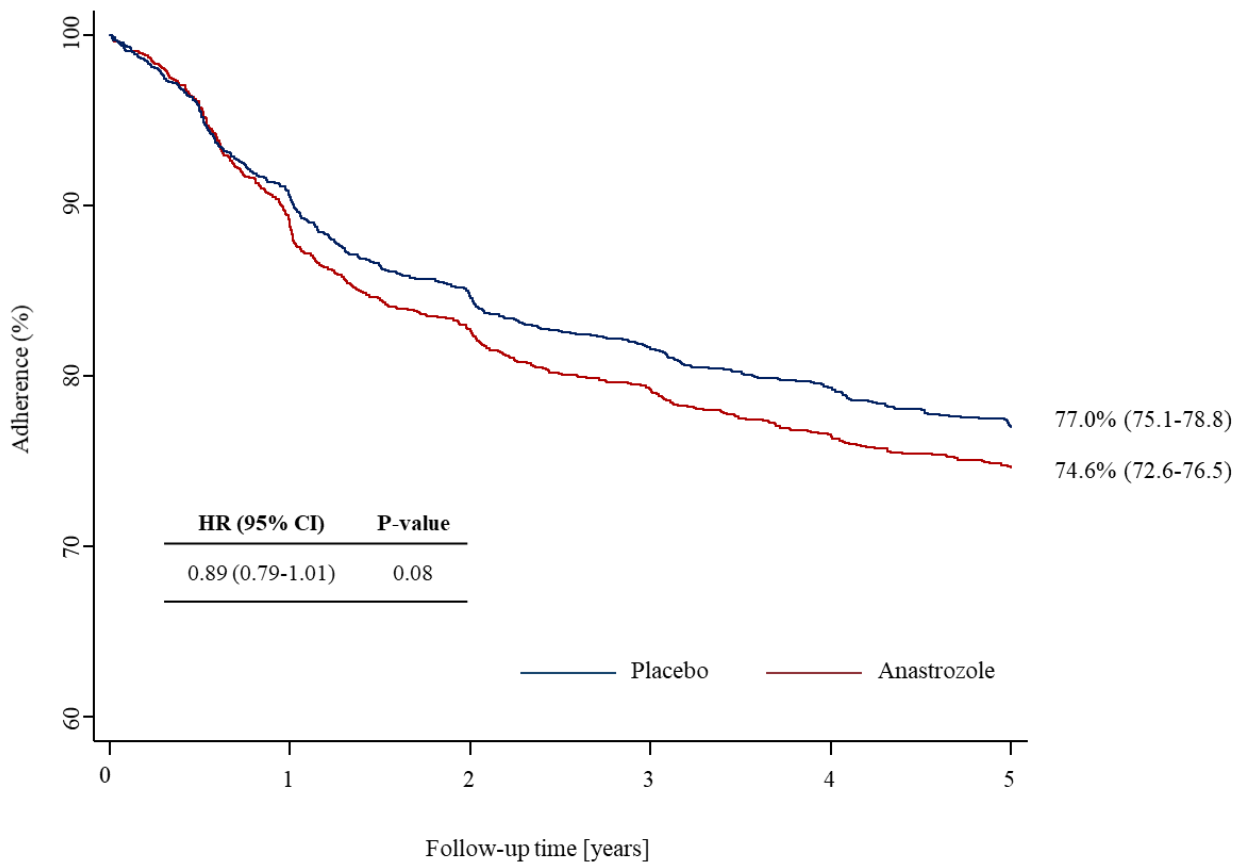
	Number of events (anastrozole vs. placebo)	HR (95% CI)	P- heterogeneity/P- trend (1df)
Nodal status			
Negative	35 vs. 88	0.39 (0.27-0.58)	0.083
Positive	26 vs. 32	0.80 (0.48-1.34)	
Tumour grade			
Low	14 vs. 17	0.81 (0.40-1.65)	0.18
Intermediate	33 vs. 72	0.45 (0.30-0.68)	
High	21 vs. 39	0.53 (0.31-0.91)	
Tumour size			
≤ 10mm	17 vs. 41	0.41 (0.23-0.72)	0.31
10-20mm	26 vs. 48	0.53 (0.33-0.86)	
> 20mm	28 vs. 43	0.64 (0.40-1.03)	
HER2 status			
Negative	58 vs. 101	0.57 (0.41-0.78)	0.86
Positive	9 vs. 17	0.52 (0.23-1.17)	
Age			
≤ 55 years	17 vs. 32	0.51 (0.28-0.91)	0.5
55-60 years	13 vs. 44	0.32 (0.17-0.59)	
> 60 years	41 vs. 56	0.70 (0.47-1.05)	
BMI			
≤ 25 kg/m ²	17 vs. 28	0.59 (0.32-1.07)	0.66
25-30 kg/m ²	27 vs. 45	0.61 (0.38-0.98)	
>30 kg/m ²	27 vs. 57	0.46 (0.29-0.73)	
HRT			
Never	36 vs. 74	0.48 (0.32-0.71)	0.46
Prior	35 vs. 58	0.60 (0.39-0.91)	
Benign breast disease			
LCIS or AH	8 vs. 23	0.34 (0.15-0.77)	0.21
No LCIS or AH	63 vs. 109	0.57 (0.42-0.78)	

HR=Hazard Ratio, CI=Confidence Intervals, df=degrees of freedom, BMI=Body Mass Index, LCIS=Lobular Carcinoma in Situ, AH=Atypical Hyperplasia, HRT=Hormonal Replacement Therapy

Supplementary Figure 1: CONSORT diagram



Supplementary Figure 2: Five-year adherence (%) according to treatment allocation.



Appendix

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