

Prolonger l'hormonothérapie rend service à toutes les femmes *Moduler la durée ou potentialiser*?

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Conflits d'intérêt

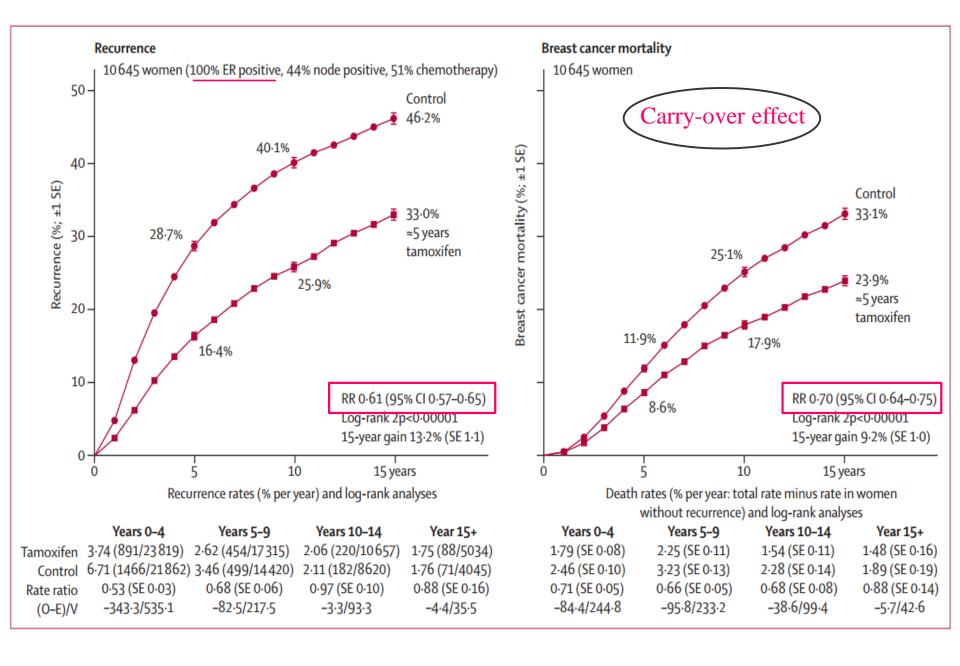
Aucun

Bénéfices du tamoxifène 5 ans

■ 20 essais randomisés, 21 457 femmes, **10 645 RE+**

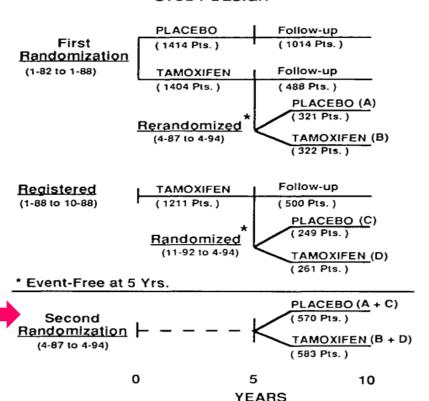
■ 5 ans Tam *versus* observation ou placebo

■ ~ 80% compliance



Tam 5 ans versus 10 ans **NSABP B-14** (RE+, N0 uniquement)

STUDY DESIGN



Placebo, %

(n = 569)

26

30

44

25

74

56

44

65

33

 2.1 ± 1.1

40

25

35

20

22

14

0

92

4

3

2

2

 56 ± 9

Tamoxifen, %

(n = 583)

26

30

44

 56 ± 10

73

56

44

68

28

 2.0 ± 1.2

44

21

35

22

24

15

40

0

92

3

Characteristic*

Age, y ≤49

50-59

Menopausal status

Postmenopausal

Total mastectomy

Glinical tumor size, en

Lumpectomy + XRT†

Mean ± standard deviation

of cytosol protein

of cytosol protein

Estrogen receptor level, fmol/mg

Progesterone receptor level, fmol/mg

Unknown

≤2.0

 ≥ 4.1

10 - 49

50-99

≥100

0 - 9

10 - 49

50-99

 ≥ 100

Black

Other

Unknown

Race White

Unknown

2.1 - 4.0

Type of surgery

Mean ± standard deviation

Premenopausal/perimenopausal

≥60

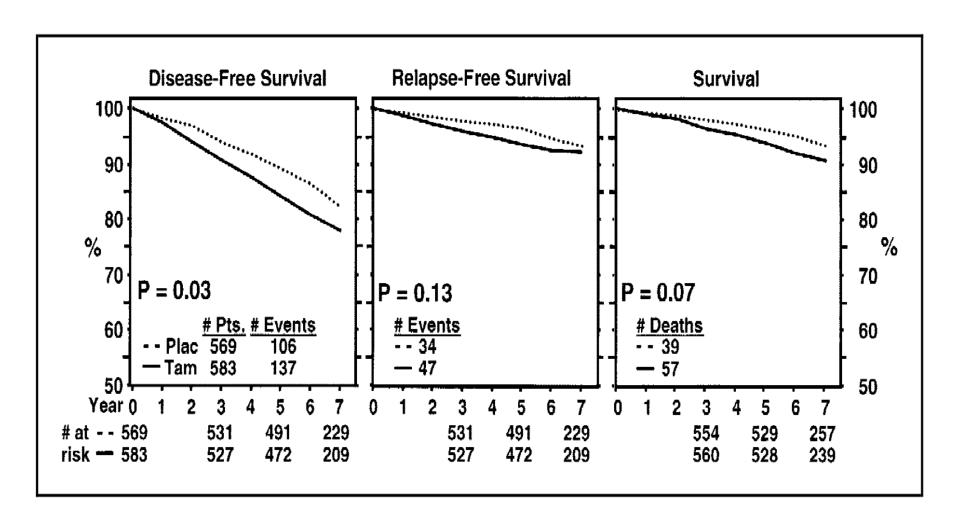
*At	time	of	initial	randomization	or	registration.
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() = Pts. Eligible with Follow-up

 $[\]dagger XRT = radiation therapy.$

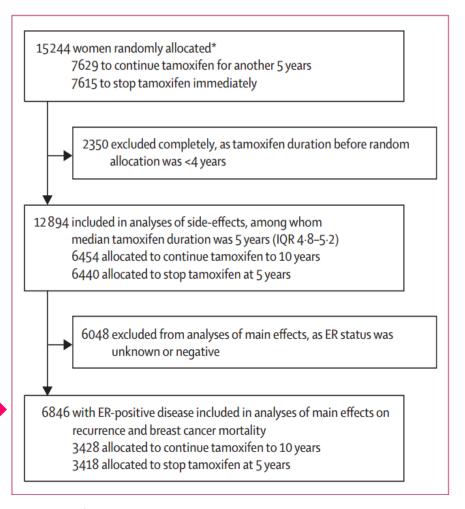
Fisher et al. JNCI 1996 & 2001

NSABP B-14 (ER+, N0 uniquement)

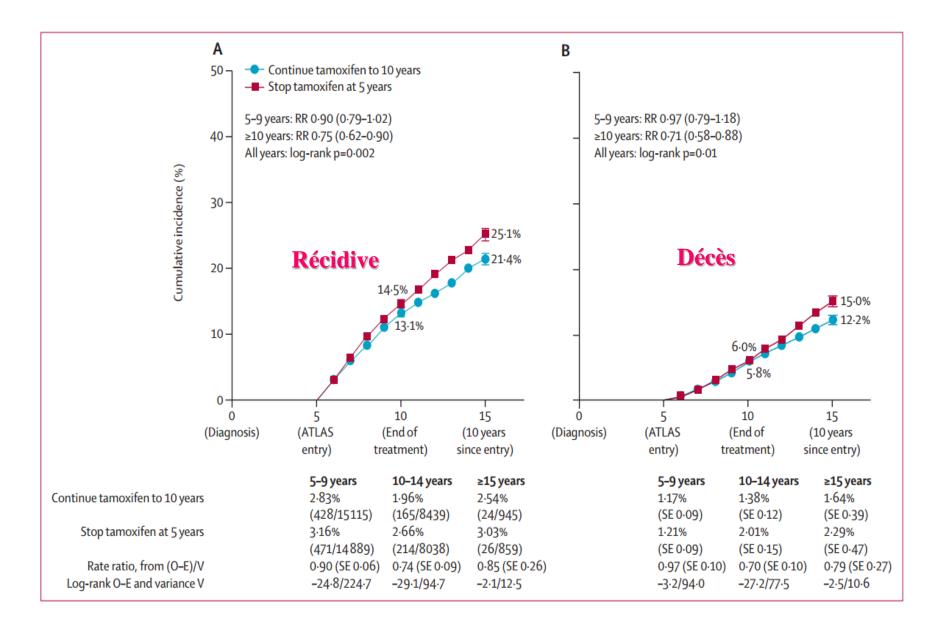


Tam 5 ans versus 10 ans

ATLAS (Adjuvant Tamoxifen: Longer Against Shorter)



- ✓ 53% NO
- √ 47% T≤2cm
- √ 89% ménopausées



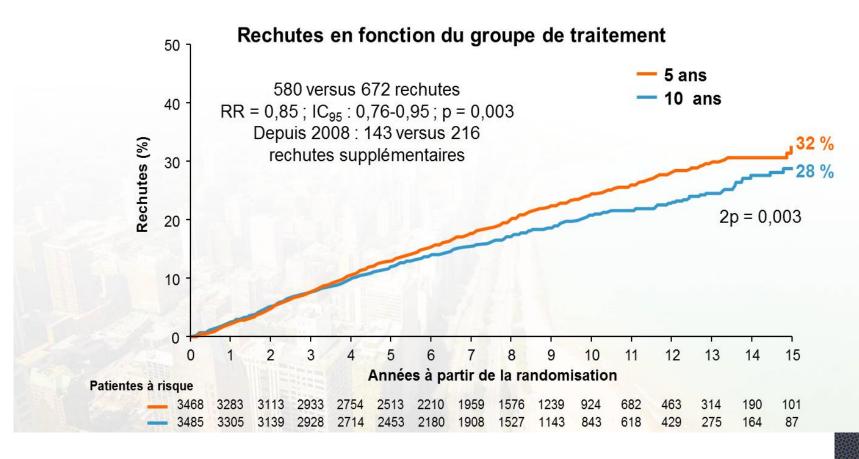
	Events/women		10 years e	vents		Ratio of annua
	Continue tamoxifen to 10 years	Stop tamoxifen at 5 years	Log-rank O-E	Variance of O-E		event rates (Si
Age at diagnosis (p=0-82)						
<55 years	303/1730 (18%)	354/1729 (20%)	-29-6	164-2	- 	0.83 (0.07)
≥55 years	314/1698 (18%)	357/1689 (21%)	-26-2	167-6		0-86 (0-07)
Nodal status at diagnosis (p=	0-82)				T	
Node-negative	252/1832 (14%)	295/1845 (16%)	-22-0	136.7	_ _	0-85 (0-08)
Node-positive/unknown	365/1596 (23%)	416/1573 (26%)	-36-2	195.0		0.83 (0.07)
Tumour diameter (p=0-99)						
1–20 mm/unknown	298/1868 (16%)	338/1838 (18%)	-26-3	158-9	- ■+	0.85 (0.07)
>20 mm	319/1560 (20%)	373/1580 (24%)	-29-0	172-9	—	0.85 (0.07)
Previous duration of tamoxif	en (p=0·43)					
4-4-9 years	223/1095 (20%)	242/1081 (22%)	-12-7	116-2	_ i	0.90 (0.09)
≥5 years	394/2333 (17%)	469/2337 (20%)	-43-3	215-6		0.82 (0.06)
Entire breast ever removed (p	0=0.61)				7	
Yes	414/2230 (19%)	472/2162 (22%)	-42-2	221-2	_ == _	0.83 (0.06)
No/unknown	203/1198 (17%)	239/1256 (19%)	-14-4	110-4	 +	0.88 (0.09)
Ever hysterectomised (p=0.9	9)				Π	
Yes	115/620 (19%)	143/679 (21%)	-10-8	64-4	<u> </u>	0.85 (0.11)
No/unknown	502/2808 (18%)	568/2739 (21%)	-45-2	267-3	-	0.84 (0.06)
Menopausal status at ATLAS	entry (p=0.79)				∓	
Premenopausal	64/326 (20%)	73/304 (24%)	-7.2	34-2		0.81 (0.15)
Postmenopausal or unknown	553/3102 (18%)	638/3114 (20%)	-48.8	297-6	-	0.85 (0.05)
Geographic distribution (p=0	·58)				<u> </u>	
European origin*	470/2577 (18%)	552/2570 (21%)	-47-3	255-4	-	0.83 (0.06)
Asian/Middle Eastern origin	147/851 (17%)	159/848 (19%)	-8.7	76-4	 -	0.89 (0.11)
Site of first recurrence (p=0.2	4)					
Isolated local	79/3428 (2%)	106/3418 (3%)	-14.7	46-2	_ =	0.73 (0.13)
Isolated contralateral	109/3428 (3%)	141/3418 (4%)	-18.0	62.5	_ = :-	0.75 (0.11)
Distant†	429/3428 (13%)	464/3418 (14%)	-23-2	223-2	_ i= -	0.90 (0.06)
Period of endpoint (years sin	ce diagnosis) (p=0-30)					
0-4 (not applicable before ATL	AS entry)			-		
5-6	196/3428 (6%)	213/3418 (6%)	-9.0	102-2		0-92 (0-09)
7-9	232/3110 (7%)	258/3073 (8%)	-15.7	122-5		0-88 (0-08)
≥10	189/2605 (7%)	240/2526 (10%)	-31-1	107-1	-	0-75 (0-08)
Total	617/3428 (18%)	711/3418 (21%)	-55-9	331.9	.	0-845 (0-051)
-■-99% CI or <>> 95% CI Global heterogeneity p=0-	8				0 0.5 1.0 1.5 2.4	p=0-002
					Favours treatment Favours stopping	
					to 10 years at 5 years	

	Number of ev	ents	Log-rank O – E	Variance of O-E	Event rate ratio (95% CI)	p value*
	Continue tamoxifen to 10 years	Stop tamoxifen at 5 years	_			
Analyses of events without prior	recurrence‡, any EF	R status				
Death without recurrence						
Vascular death						
Stroke	62	59	0.8	30-2	1.03 (0.72-1.46)	0.89
Pulmonary embolus	10	8	0.8	4.5	1-21 (0-48-3-04)	0.69
Heart disease§	178	205	-16.1	95.7	0.85 (0.69-1.03)	0.10
Neoplastic death						
Endometrial cancer¶	17	11	2.8	7.0	1.49 (0.71-3.13)	0.29
Other neoplastic disease	78	75	0.4	38-2	1.01 (0.74-1.39)	0.94
Other death						
Specified cause	171	161	2.3	82.9	1.03 (0.83-1.28)	0.80
Unspecified cause	175	160	5.1	83.7	1.06 (0.86-1.32)	0.58
Second cancer incidence						
Contralateral breast cancer	419	467	-28.9	221.5	0.88 (0.77-1.00)	0.05
Endometrial cancer¶	116	63	24.8	44.8	1.74 (1.30-2.34)	0.0002
Primary liver cancer	3	3	-0.0	1.5	0.99 (0.20-4.90)	0.99
Colorectal cancer	46	52	-3.8	24.5	0.86 (0.58-1.27)	0.44
Unspecified site	254	251	-1.3	126-2	0.99 (0.83-1.18)	0.91
Non-neoplastic disease (ever hosp	italised or died)					
Stroke	130	119	3.8	62-2	1.06 (0.83–1.36)	0.63
Pulmonary embolus	41	21	9.7	15.5	1.87 (1.13-3.07)	0.01
Ischaemic heart disease	127	163	-20∙2	72.5	0.76 (0.60-0.95)	0.02
Gallstones	75	66	3.7	35-2	1.11 (0.80–1.54)	0.54
Cataract	72	63	3.5	33.7	1.11 (0.79-1.56)	0.54
Bone fracture	62	70	-4.9	33.0	0.86 (0.61-1.21)	0.39

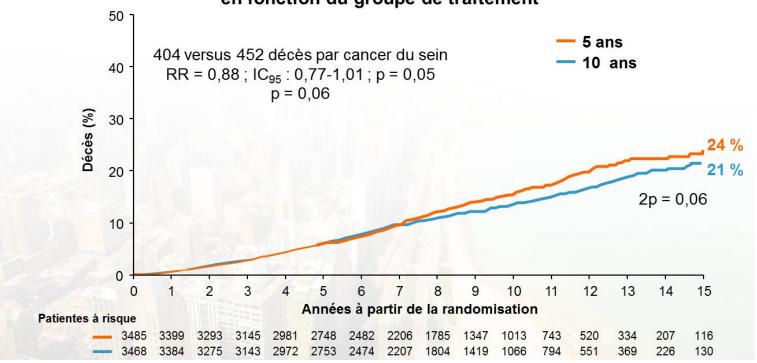
Tam 5 ans versus 10 ans

aTTom (Adjuvant Tamoxifen- To offer more? Trial)

N = 6 953, 61% statut RE inconnu



Décès par cancer du sein en fonction du groupe de traitement



	10 ans n (%)	5 ans n (%)	RR (IC ₉₅)	р
Cancers de l'endomètre	102 (2,9)	45 (1,3)	2,20 (1,31-2,84)	< 0,0001
Décès par cancer de l'endomètre	37 (1,1)	20 (0,6)	1,83 (1,09-3,09)	0,02

Tam 5 ans versus 10 ans Méta-analyse (Al-Mubarak et al, PLoS One 2014)

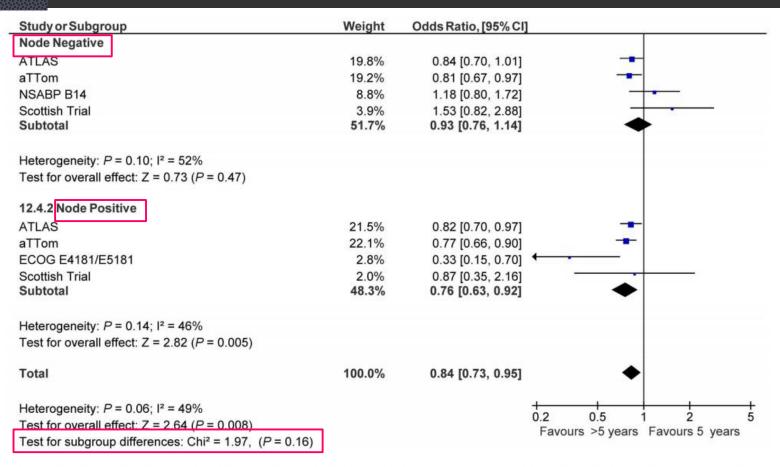
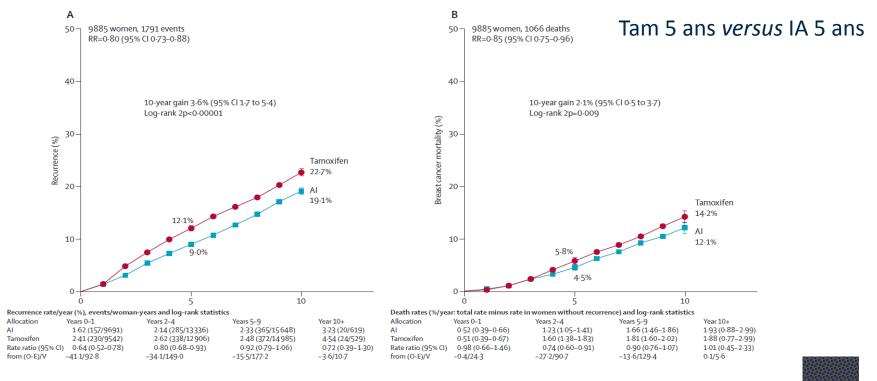
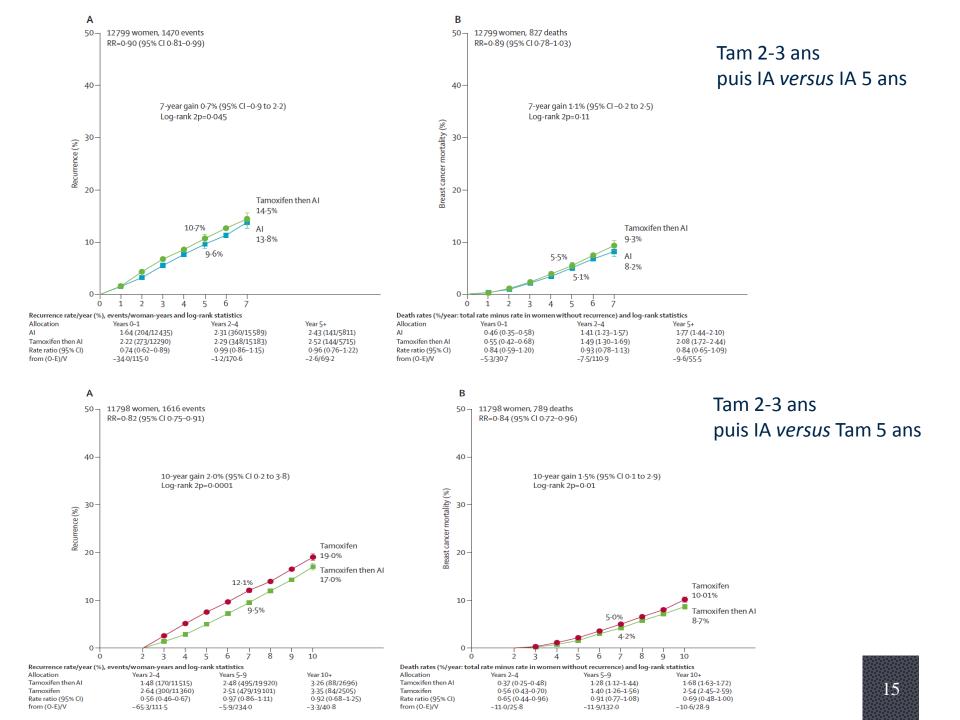


Figure 4. Forest plots of odds ratios for breast cancer recurrence in node negative and in node positive patients with extended adjuvant tamoxifen (>5 years) versus adjuvant tamoxifen (5 years) based on primary analysis of individual trials. Odds ratios for each trial are represented by the squares, the size of the square represents the weight of the trial in the meta-analysis, and the horizontal line crossing the square represents the 95% confidence interval. The diamonds represent the estimated pooled effect based for each cohort individually (labeled subtotal) and for all cohorts together (labeled total).

Bénéfices des inhibiteurs aromatase

- ★ Méta-analyse de l'EBCTCG sur données individuelles

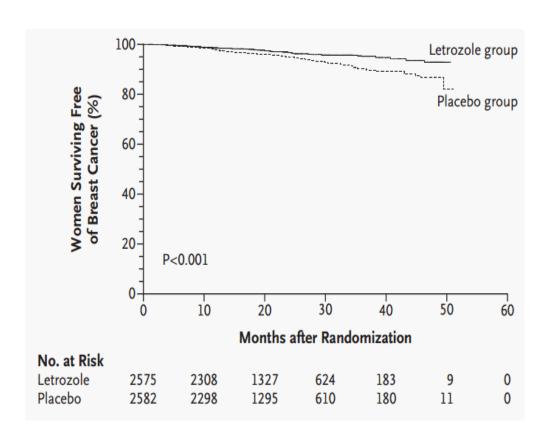




Bénéfices IA > 5 ans Tam : MA-17

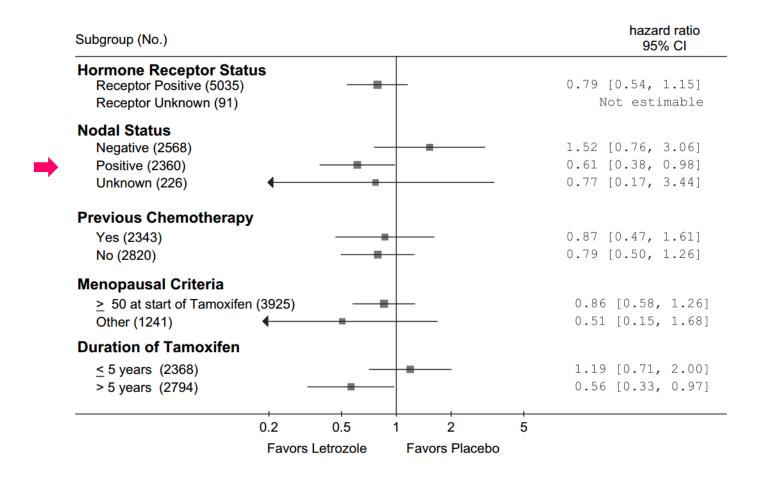
- ➡ Phase 3 randomisée, double aveugle, letrozole 5 ans
- # N = 5187
- **♯** Suivi médian = **2,4 ans**
- # *Facteurs stratification*: RH, N, chimio adjuvante

1ère analyse intermédiaire → STOP étude



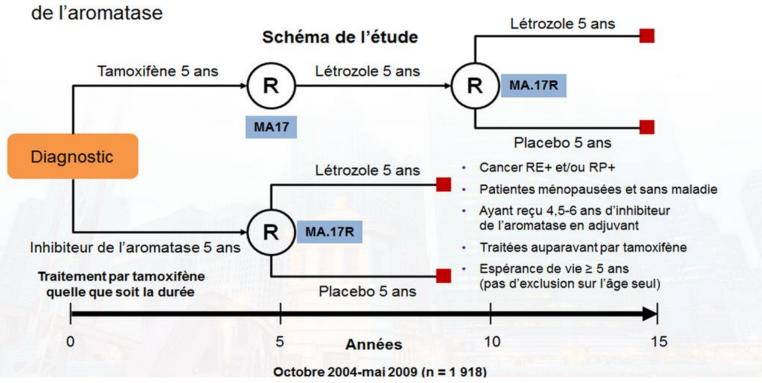
- ✓ Taux SSM 4 ans : 93% vs 87% HR=0.57 (IC95% 0.43-0.75)
- ✓ Chez N0 et N+
- ✓ Pas de différence en survie globale

Survie globale : Analyse en sous groupe

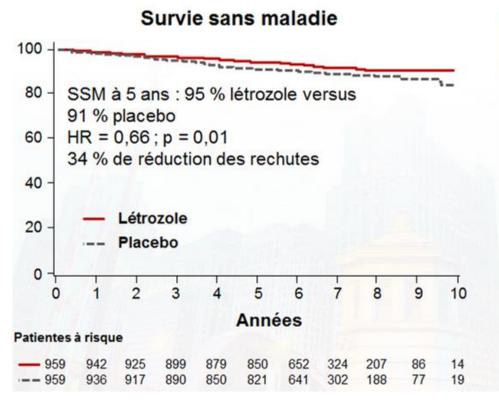


IA 5 ans versus 10 ans : MA-17R

 Essai randomisé d'extension de 5 ans du létrozole après 5 ans d'inhibiteurs de l'aromatase



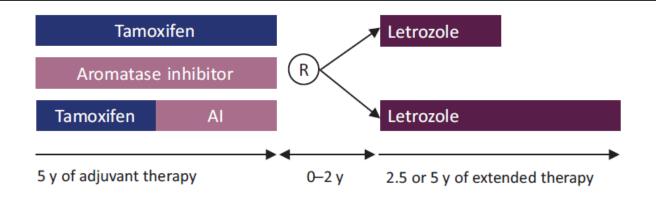
- \blacksquare N = 1918
- Age médian=65 ans, 90% T1-T2, 46% N0, 80% Tam adjuvant (4,5-6 ans++)
- <u>■ Objectif principal</u>: survie sans maladie (récidives locales, à distance et cancer controlatéral)



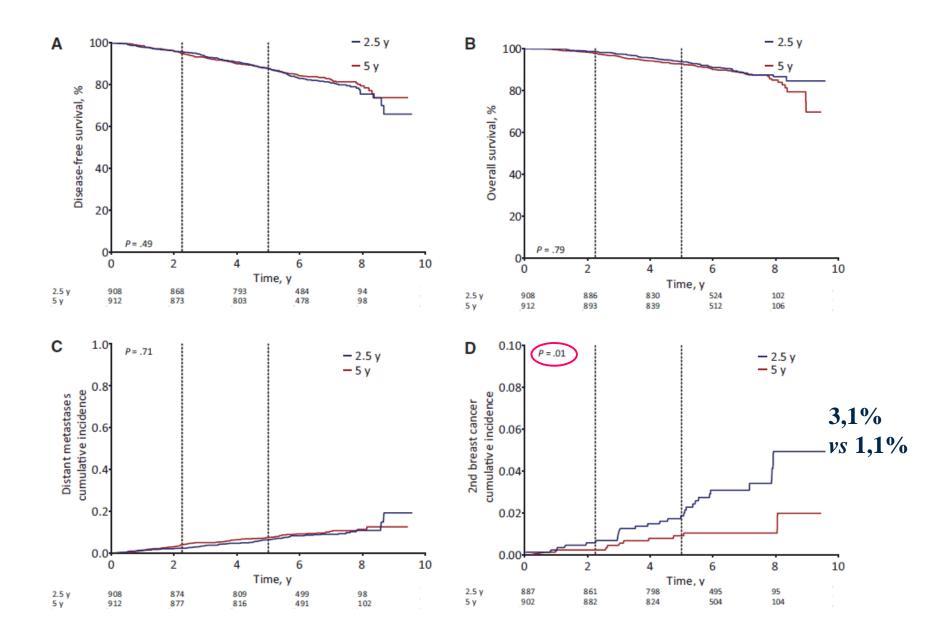
	Létrozole	Placebo
Événements SSM (%)	67 (7,0)	98 (10,2)
Rechutes à distance (%)	42 (4,4)	53 (5,5)
Récidives locorégionales	19	30
Récidives osseuses	28	37
Nouveau cancer controlatéral (%)	13 (1,4)	31 (3,2)

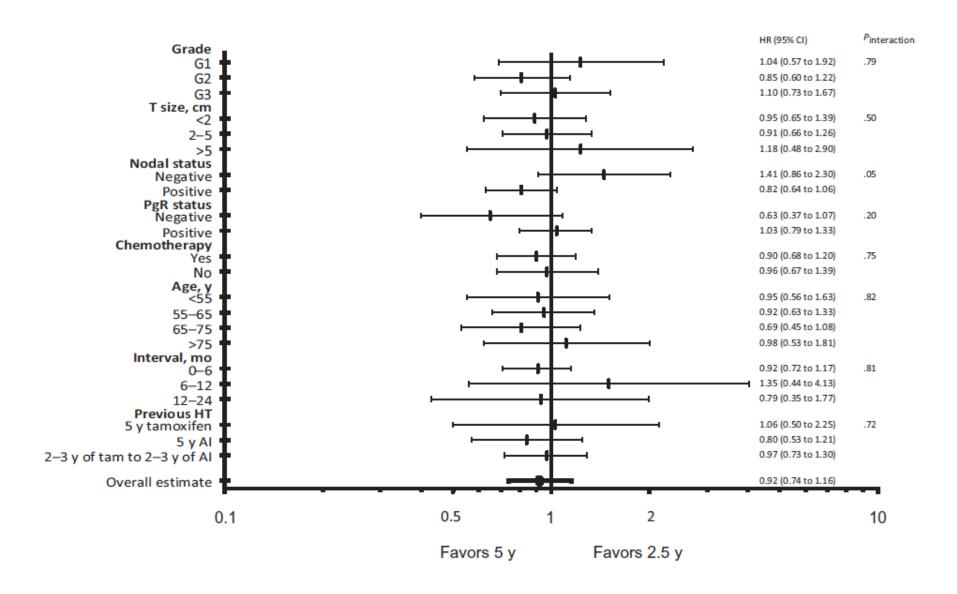
- **♯** Pas de différence en survie globale et qualité de vie
- # Fractures (14% vs 9%; p=0,001) et ostéoporose (11% vs 6%; p<0,0001)

IA 2,5 ans versus 5 ans > 5 ans HT: IDEAL trial



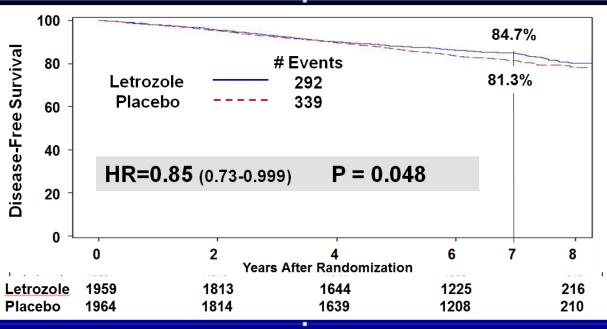
- # N = 1824
- # 25% pN0, grade 2++ (42%), 19% HER2+, 68% ont reçu CT adjuvante, 59% ont reçu une HT séquentielle (tam → IA), 28% IA 5 ans, 88% arrêt HT adjuvante < 6 mois
 </p>
- ★ Suivi médian = 6,6 ans
- □ Compliance générale = 60%





IA 5 ans > 5 ans HT incluant un IA : NSABP-B42

NSABP B-42: Disease-Free Survival

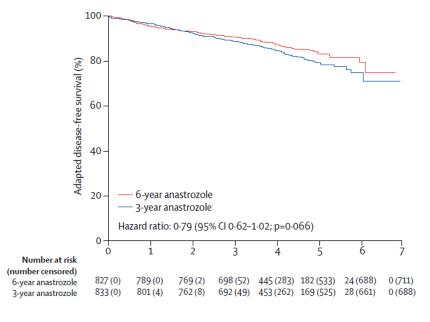


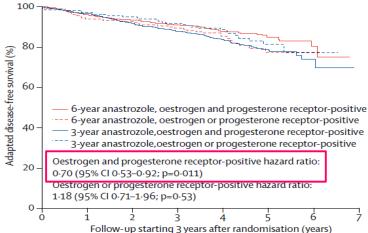
*P-value did not reach statistical significance level of 0.0418

- ✓ N=3966
- ✓ Suivi médian = 6,9 ans
- ✓ Plus d'accidents thromboemboliques artériels après 2,5 ans IA

IA 3 ans versus 6 ans > 2-3 ans tam : DATA trial

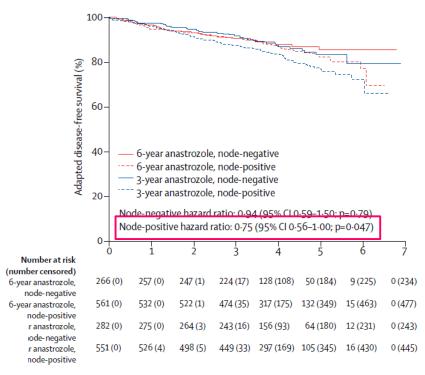
- ➡ Phase 3 randomisée, anastrozole
- μ N = 1860
- **♯** Suivi médian = **4,2 ans**
- **♯** *Objectif principal* : survie sans maladie (locale, à distance, 2nd cancer, décès quelle que soit la cause)
- **♯** *Facteurs stratification* : RH, N, HER2, durée tam
- **♯** Age médian=57 ans, 2/3 N+, 75% RE+ et RP+





Number at risk (number censored) 6-year anastrozole, oestrogen and progesterone receptor-positive 6-year anastrozole, oestrogen or progesterone receptor-positive 3-year anastrozole, oestrogen and progesterone receptor-positive 3-year anastrozole,

627 (0)	601 (0)	585 (1)	533 (38)	345 (210)	149 (399)	21 (524)	0 (544)
200 (0)	188 (0)	184 (1)	165 (14)	100 (73)	33 (134)	3 (164)	0 (167)
633 (0)	611 (0)	577 (3)	529 (28)	343 (193)	132 (389)	22 (495)	0 (516)
200 (0)	190 (4)	185 (5)	163 (21)	110 (69)	37 (136)	6 (166)	0 (172)



Intérêt traitement intermittent ? : <u>SOLE</u>

- ➡ <u>Pré-clinique</u>: sur des cellules privées d'estrogènes, la restauration de faibles doses d'estrogènes pourrait avoir un effet cytotoxique
- **♯** Letrozole intermittent (9 mois / 12) *versus* continu
- ♯ Phase 3, N = 4851
- Suivi médian = 60 mois
- **♯** *Objectif principal* : survie sans récidive
- **■** Pas de différence : 85,8% *vs* 87,5% (HR=1,08; p=0,31)
- # Pas de différence en qualité de vie globale et El

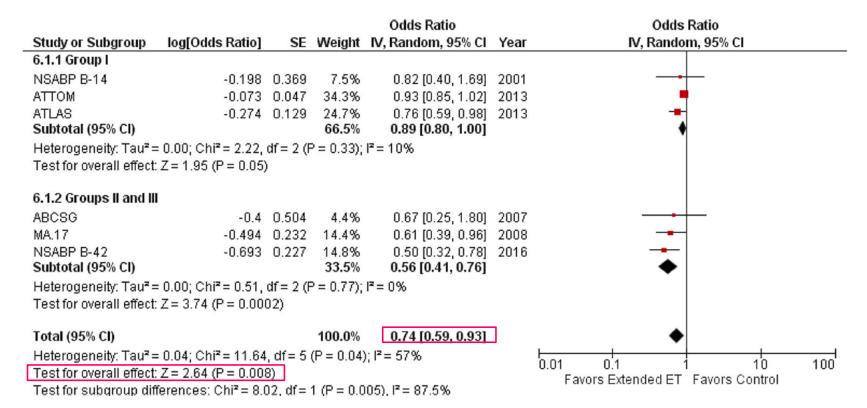
Méta-analyse prolongation HT

Breast cancer-specific survival

				Odds Ratio		Odds Ratio
Study or Subgroup	log[Odds Ratio]	SE	Weight	IV, Fixed, 95% CI	Year	IV, Fixed, 95% CI
3.1.1 Group I						
SCOTTISH	0.405	0.228	4.4%	1.50 [0.96, 2.34]	1996	-
ECOG	-0.083	0.524	0.8%	0.92 [0.33, 2.57]	1996	
ATTOM	-0.128	0.069	48.4%	0.88 [0.77, 1.01]	2013	•
ATLAS	-0.186	0.073	43.3%	0.83 [0.72, 0.96]	2013	<u></u>
Subtotal (95% CI)			97.0%	0.88 [0.80, 0.97]		•
Heterogeneity: Chi ² =	6.10, $df = 3$ ($P = 0$.	11);	51%			
Test for overall effect:	Z = 2.65 (P = 0.008)	3)				
3.1.2 Groups II and III						
-		0.00	4.000	0.57.00.00.4.451	0007	
ABCSG	-0.562	0.36	1.8%	0.57 [0.28, 1.15]	2007	
NSABP B-33	-0.211	0.456	1.1%	0.81 [0.33, 1.98]	2008	
LATER	-1.966	1.52	0.1%		2016	
Subtotal (95% CI)	4 00 46 0 40 0	E45. IZ	3.0%	0.62 [0.36, 1.07]		
Heterogeneity: Chi ² =	Description of the second		0%			
Test for overall effect:	Z = 1.72 (P = 0.08)	l .				
Total (95% CI)			100.0%	0.87 [0.79, 0.96]	7	•
Heterogeneity: Chi ² =	8 99 df = 6 (P = 0	17): P=		,	_	
Test for overall effect:	CONTROL STATE OF THE STATE OF T		0070			0.01 0.1 1 10 100
Test for subgroup diff			1 (P = 0.2	2) 13 = 34 9%		Favors Extended ET Favors Control
restror subdroub ann	erences. On - 1.0	74, ui –	1 (i) = 0.2	27,1 - 34.370		

Ibrahim et al, Med Oncol, 2017

Controlateral breast cancer

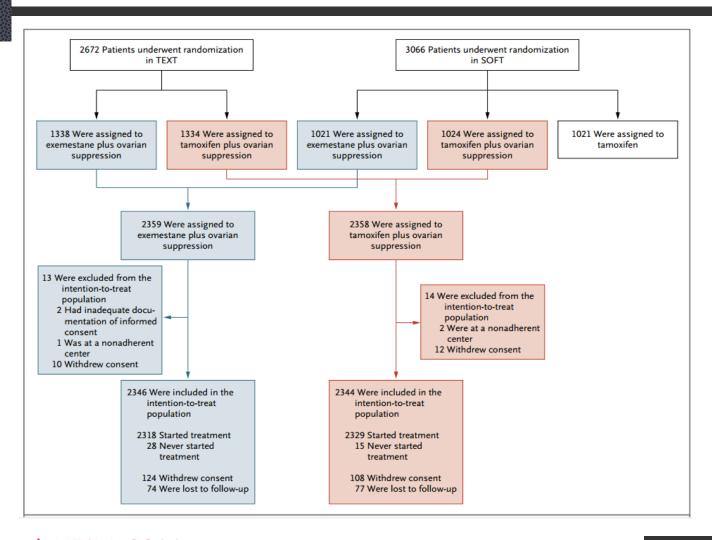


- ★ MA sur données publiées

Conclusions

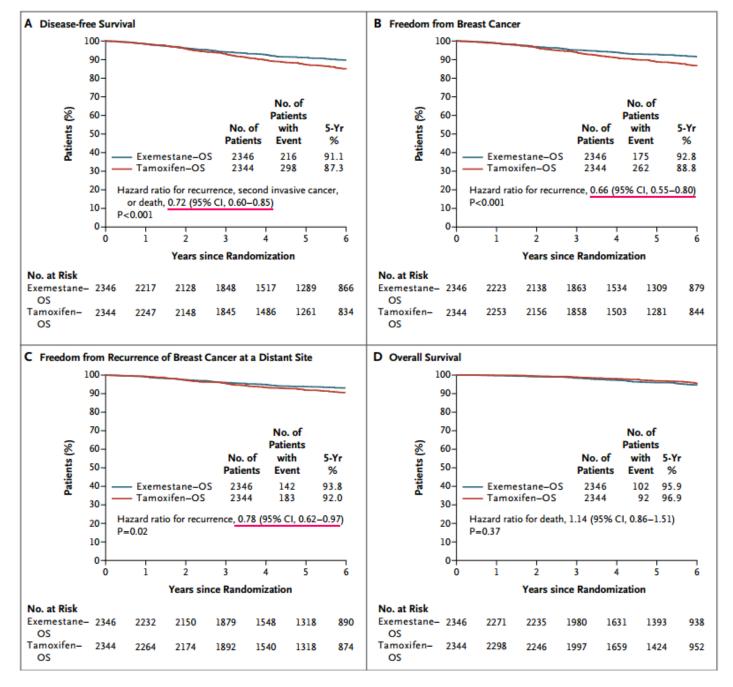
- ✓ Après 5 ans de Tam : stop / Tam 5 ans (N+?) / IA 2,5 à 5 ans (N+)
- ✓ Après 5 ans IA : stop / IA au moins 2,5 ans / Tam ? (avis d'experts)
- ✓ Après HT séquentielle : 3 ans IA (N+; RE+ et RP+ ?)
- ✓ Prendre en compte
 - Risque de récidive (taille, grade, prolifération, N)
 - Statut RE et RP
 - Statut ménopausique
 - Tolérance
 - Rapport bénéfice / risque
- ✓ Discussion RCP++
- ✓ Décision partagée+++

Intérêt blocage ovarien : <u>SOFT et TEXT</u>



Characteristic		notherapy	Chemo Cohe	Overall (N = 4690)	
	TEXT (N=1053)	SOFT (N = 943)	TEXT (N = 1607)	SOFT (N=1087)	
Age at randomization — no. (%)					
<35 yr	41 (3.9)	14 (1.5)	191 (11.9)	224 (20.6)	470 (10.0)
35–39 yr	123 (11.7)	68 (7.2)	289 (18.0)	312 (28.7)	792 (16.9)
40–49 yr	768 (72.9)	690 (73.2)	1048 (65.2)	515 (47.4)	3021 (64.4)
≥50 yr	121 (11.5)	171 (18.1)	79 (4.9)	36 (3.3)	407 (8.7)
Lymph-node status — no. (%)					
Negative	835 (79.3)	865 (91.7)	542 (33.7)	470 (43.2)	2712 (57.8)
Positive	218 (20.7)	78 (8.3)	1065 (66.3)	617 (56.8)	1978 (42.2)
Tumor size — no. (%)‡					
≤2 cm	847 (80.4)	800 (84.8)	738 (45.9)	537 (49.4)	2922 (62.3)
>2 cm	203 (19.3)	139 (14.7)	844 (52.5)	508 (46.7)	1694 (36.1)
HER2 positive — no. (%)	54 (5.1)	30 (3.2)	272 (16.9)	211 (19.4)	567 (12.1)
Interval from surgery to randomization — mo					
Median	1.5	1.8	1.2	8.0	1.6
Interquartile range	1.1-1.9	1.3-2.4	0.9-1.6	5.7-10.1	1.1-2.7
Endocrine therapy before randomization — no. (%)∫	_	44 (4.7)	_	453 (41.7)	_

Suivi = 68 mois



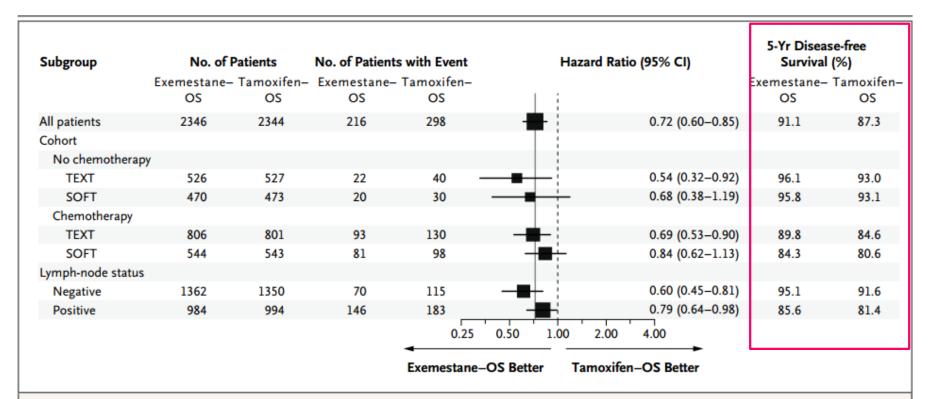


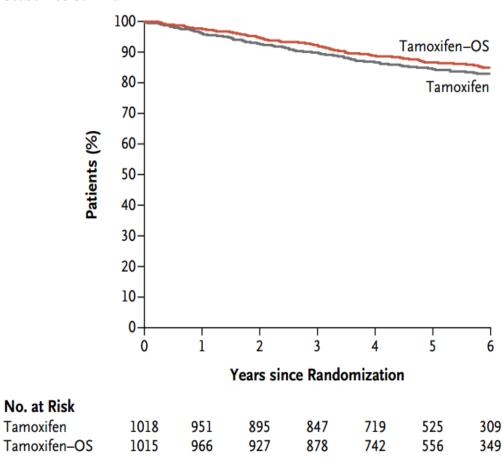
Figure 3. Results of the Cox Proportional-Hazards Model for the Comparison of Disease-free Survival, According to Treatment Group, among All Patients and According to Patient Cohort.

The solid vertical line at 0.72 indicates the overall hazard-ratio estimate. The x axis is scaled according to the natural logarithm of the hazard ratio. The size of the squares is inversely proportional to the standard error of the hazard ratio. Among patients who received chemotherapy, the patients in TEXT began receiving chemotherapy concurrently with adjuvant ovarian suppression with triptorelin, whereas those in SOFT had completed all chemotherapy before enrollment.

SOFT: intérêt du BO en association au tam?

Characteristic	No Chemotherapy (N=949)	Prior Chemotherapy (N = 1084)	Overall (N = 2033)
Age at randomization			
Median — yr	46	40	43
Distribution — no. (%)			
<35 yr	14 (1.5)	219 (20.2)	233 (11.5)
35–39 yr	78 (8.2)	309 (28.5)	387 (19.0)
40–49 yr	702 (74.0)	522 (48.2)	1224 (60.2)
≥50 yr	155 (16.3)	34 (3.1)	189 (9.3)
Lymph-node status — no. (%)			
Negative	861 (90.7)	463 (42.7)	1324 (65.1)
Positive	88 (9.3)	621 (57.3)	709 (34.9)
Tumor size — no. (%)†			
≤2 cm	806 (84.9)	526 (48.5)	1332 (65.5)
>2 cm	136 (14.3)	513 (47.3)	649 (31.9)
Tumor grade — no. (%)‡			
1	389 (41.0)	151 (13.9)	540 (26.6)
2	483 (50.9)	523 (48.2)	1006 (49.5)
3	65 (6.8)	374 (34.5)	439 (21.6)
HER2-positive — no. (%)	40 (4.2)	196 (18.1)	236 (11.6)
Interval from surgery to randomization — mo			
Median	1.8	8.0	3.2
Interquartile range	1.2-2.4	5.8-10.3	1.7-8.33
Endocrine therapy before randomization — no. (%)	47 (5.0)	475 (43.8)	522 (25.7)

Disease-free Survival



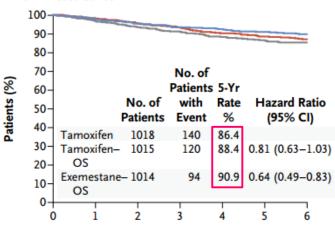
	No. of Patients		5-Yr Rate %
Tamoxifen		160	84.7
Tamoxifen–OS		139	86.6

Hazard ratio for recurrence, second invasive cancer, or death, 0.83 (95% CI, 0.66–1.04) P=0.10

B End Points, Overall and According to Chemotherapy Cohort

End Point	No. of F	Patients		Patients Event	5-Yr R	ate (%)	Hazard Ratio	(95% CI)	P Value
	Tamoxifen-OS	Tamoxifen	Tamoxifen-O	S Tamoxifen	Tamoxifen-O	S Tamoxifen			
Disease-free survival									
All patients	1015	1018	139	160	86.6	84.7	-	0.83 (0.66-1.	04) 0.10
Prior chemotherap	у								
No	473	476	32	38	93.4	93.3	+ ;-	0.83 (0.52-1.	34) 0.96
Yes	542	542	107	122	80.7	77.1	- ₩÷	0.82 (0.64-1.	07)
Freedom from breast cancer									
All patients	1015	1018	120	140	88.4	86.4	- ₩ ÷	0.81 (0.63-1.	0.09
Prior chemotherapy	y								
No	473	476	23	24	95.1	95.8		0.95 (0.54-1.	69) 0.54
Yes	542	542	97	116	82.5	78.0	-	0.78 (0.60-1.	02)
Freedom from distant recurrence	t								
All patients	1015	1018	89	96	91.3	90.7	- ■	0.88 (0.66-1.	18) 0.40
Prior chemotherapy	у								
No	473	476	7	6	98.7	98.6 —	- •	1.16 (0.39-3.	44) 0.62
Yes	542	542	82	90	84.8	83.6	-	0.87 (0.64-1.	17)
Overall survival									
All patients	1015	1018	47	59	96.7	95.1 -	- 	0.74 (0.51-1.	09) (0.13)
Prior chemotherap	у								
No	473	476	8	2	99.2	99.8	1	→ 3.84 (0.81–18	0.03
Yes	542	542	39	57	94.5	90.9 —		0.64 (0.42-0.	96)
						0.25 0.5	0 1.00 2.00	4.00	
						Tamoxife Bette			

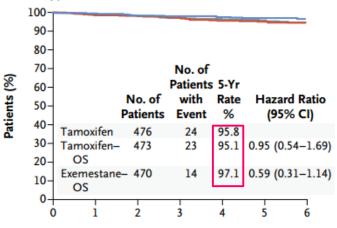
A Freedom from Breast Cancer



Years since Randomization

No. at Risk Tamoxifen 1018 956 900 855 728 533 314 Tamoxifen-OS 1015 970 932 886 752 568 356 Exemestane-OS 1014 957 869 766 550 342 912

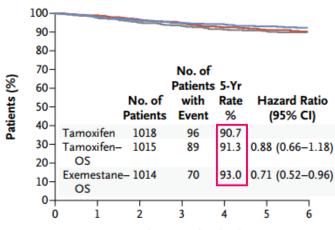
C No Chemotherapy, Freedom from Breast Cancer



Years since Randomization

No. at RISK							
Tamoxifen	476	461	445	429	377	277	169
Tamoxifen-OS	473	454	447	429	373	285	179
Exemestane-OS	470	443	425	414	374	278	176

B Freedom from Distant Recurrence

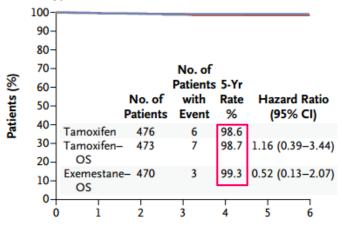


Years since Randomization

No. at Risk

ito. at ition							
Tamoxifen	1018	966	915	875	755	559	333
Tamoxifen-OS	1015	977	943	901	772	582	363
Exemestane-OS	1014	962	920	882	783	562	352

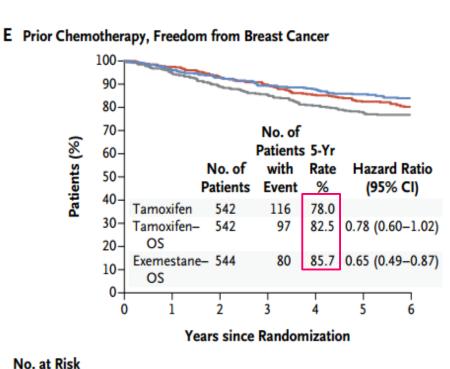
D No Chemotherapy, Freedom from Distant Recurrence



Years since Randomization

N	ο.	at	Ris	k

Tamoxifen	476	465	449	436	386	284	176
Tamoxifen-OS	473	458	453	437	385	293	184
Exemestane-OS	470	444	429	419	381	283	180



455

485

487

494

516

514

426

456

455

352

378

391

255

283

273

144

176

166

80-70-No. of Patients (%) Patients 5-Yr 60-**Hazard Ratio** with No. of Rate 50-Patients Event % (95% CI) 40-542 90 Tamoxifen 83.6 30-Tamoxifen-542 82 84.8 0.87 (0.64-1.17) OS 20-87.8 0.72 (0.52-0.98) Exemestane- 544 67 10-OS 0-Years since Randomization No. at Risk Tamoxifen 501 466 439 369 274 542 Tamoxifen-OS 542 519 490 463 386 289 Exemestane-OS 544 401 280 518 491 463

156

178

172

Prior Chemotherapy, Freedom from Distant Recurrence

100

90.

542

542

Tamoxifen

Tamoxifen-OS

Exemestane-OS 544

♯ *SOFT*

- N=240 patients, RH+, HER2-, <35 ans</p>
- Survie sans cancer du sein à 5 ans :
 - 67,1% (IC 95%, 54,6-76,9%) Tam
 - 75,9% (IC95%, 64,0-84,4%) tam + BO
 - **83,2%** (IC95%, 72,7-90,0%) exemestane + BO

TEXT

- **N=145** patients, RH+, HER2-, < **35 ans**
- Survie sans cancer du sein à 5 ans :
 - 79,2% (IC 95%, 66,2-87,7%) tam + BO
 - **81,6%** (IC95%, 69,8-89,2%) exemestane + BO

Conclusions blocage ovarien

- ✓ Exemestane + BO : Alternative recevable si Cl Tamoxifène
- ✓ HT + BO : à discuter si
 - Patiente très jeune
 - Risque élevé de rechute
 - Reprise cycles après chimiothérapie ?
 - Tolérance+++
 - Rapport bénéfice / risque
- ✓ Discussion Réunion Concertation Pluridisciplinaire ++
- ✓ Décision partagée+++

- ✓ Prolonger la durée de l'hormonothérapie ne rend pas service à toutes les femmes
 - ✓ A privilégier si N+ surtout
 - ✓ Essais futurs : SSR objectif principal++, biomarqueurs, associations avec autres thérapies (inhibiteurs CDK4/6)

- ✓ Ajouter un blocage de la fonction ovarienne ne rend pas service à toutes les femmes
 - ✓ A privilégier si femmes très jeunes, reprise cycles, risque élevé de rechute
- ✓ Rapport bénéfice / risque