Letrozole Tablets 2.5mg

TROZET

DESCRIPTION
Letrozole tablets for oral administration contains 2.5 mg of letrozole Ph. Eur., a nonsteroidal aromatase inhibitor (inhibitor of estrogen synthesis).

COMPOSITION
Each film coated tablet contains:
Letrozole Ph. Eur. 2.5 mg
Colour: Yellow Iron Oxide and Titanium Dioxide

CHEMICAL STRUCTURE
It is chemically described as 4.4'-(1H-1,2,4-Triazol-1ylmethy hard form).



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PRARMACOLOGY

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CYPAGE and moderately inhibited CYPACPS.

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CLINICAL STUDIES

Updated Alignoral Treatment of Early Breast Clancer

Is a mullicanter skiller oversilling over 8000 postemorpussal women with resected, receptorpositive early breast cancer, one of the following treatments was randomized in a doubtle-blind
manner:

B. Letrazole for 5 years
C. tamosifen for 2 years followed by Letrazole for 3 years
D. Letrazole for 2 years followed by tamosifen for 3 years
Option 2:
A. tamosifen for 5 years
B. Letrazole for 5 years

B. Letrocitor for years

The study was designed to americ his primary questions: whether indiracels for 5 years was support to the more first for years (Pinnay Core Analysia) and witherine subtimes entologies assumed to the contrast period to contrasting the entologies of the entologies and set of shore of the entologies of the entolo

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	Primary Core Analysis (PCA)		Monotherapy Arms Analysis (MAA)	
	Letrozole	Tamoxifen	Letrozole	Tamoxifen
Characteristic	N=4003	N=4007	N=2463	N=2459
	n (%)	n (%)	n (%)	n (%)
Age (median, years)	61	61	61	61
Age range (years)	38-89	39-90	38-88	39-90
Hormone receptor status (%)				
ER+ and/or PgR+	99.7	99.7	99.7	99.7
Both unknown	0.3	0.3	0.3	0.3
Nodal status (%)				
Node negative	52	52	50	52
Node positive	41	41	43	41
Nodal status unknown	7	7	7	7
Prior adjuvant chemotherapy (%)	24	24	24	24

Table 2: Updat up 73 Months)

		N=2452 N=2450		Tamoxifen		Hazard	
		14-2-	103	N-24	100	ratio	
		Events	5-year	Events	5-year	(95% CI)	Р
		(%)	rate	(%)	rate		
Disease-free sur-	ITT	445	87.4	500	84.7	0.87 (0.76,	0.03
vival*		(18.1)		(20.3)	_	0.99)	
	Cen- sor	445	87.4	483	84.2	0.84 (0.73, 0.95)	
0 positive nodes	IΠ	165	92.2	189	90.3	0.88 (0.72, 1.09)	
1-3 positive nodes	ΙП	151	85.6	163	83.0	0.85 (0.68, 1.06)	
>=4 positive nodes	ITT	123	71.2	142	62.6	0.81 (0.64, 1.03)	
Adjuvant chemotherapy	ΙП	119	86.4	150	80.6	0.77 (0.60, 0.98)	
No chemo- therapy	ITT	326	87.8	350	86.1	0.91 (0.78, 1.06)	
Systemic DFS ²	Ш	401	88.5	446	86.6	0.88 (0.77,1.01)	
Time to distant metastasis ³	ITT	257	92.4	298	90.1	0.85 (0.72, 1.00)	
A d j u v a n t chemotherapy	ΙП	84		109		0.75 (0.56- 1.00)	
No chemo- therapy	ITT	173		189		0.90 (0.73,1.11)	
Distant DFS ⁴	ΙП	385	89.0	432	87.1	0.87 (0.76,1.00)	
Contralateral breast cancer	ITT	34	99.2	44	98.6	0.76 (0.49,	
Overall survival	Ш	303	91.8	343	90.9	0.87 (0.75, 1.02)	
	Cen- sor	303	91.8	338	90.1	0.82 (0.70, 0.96)	
0 positive nodes	Ш	107	95.2	121	94.8	0.90 (0.69,1,16)	
1-3 positive nodes	ITT	99	90.8	114	90.6	0.81(0.62,1.06)	
>=4 positive nodes	ITT	92	80.2	104	73.6	0.86 (0.65, 1.14)	
Adjuvant chemotherapy	ITT	76	91.5	96	88.4	0.79 (0.58, 1.06)	
No chemo- therapy	ΙП	227	91.9	247	91.8	0.91 (0.76, 1.08)	

Defetition of. "Disease fee survival: interval from andomization to earliest event of invasive loco-regional recurrence, distant metalistasis, invasive contratilents breast cancer, or destil without a prior "Systemic disease fee variants' between four monitation to invasive regional recurrence, distant metalistasis, or death without a prior cancer event." "The to distant metalistic interval four machinistic his chief certification to distant metalistasis. "Distant disease fees survival: Interval from machinistic interval event of relapse in a di-stant disease fees survival: Interval from machinistic interval event of relapse in a di-

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Extended Adjuvant Treatment of Early Breast Cancer, Median Treatment Duration of 24 Mouths Mouth and Cancer Cancer, Median Treatment Duration of 24 Mouths and Cancer conditionate, placebo controlled find of letitorias was performed in one 4, 100 mouth or principle position of the control of

able 3. Selected Study Population Demographics (Modified 11 1 Population)			
Baseline Status	Letrozole	Placebo	
	N=2582	N=2586	
Hormone Receptor Status (%)			
ER+ and/or PgR+	98	98	
Both Unknown	2	2	
Nodal Status (%)			
Node Negative	50	50	
Node Positive	46	46	
Nodal Status Unknown	4	4	
Chemotherapy	46	46	

	Letrozole N = 2582	Placebo N = 2586	Hazard Ratio (95% CI)	P-Value
Disease Free Survival (DFS) ¹ Events Local Breast Recurrence	122 (4.7%) 9	193 (7.5%) 22	0.62 (0.49, 0.78)2	0.00003
Local Chest Wall Recurrence	2	8		
Regional Recurrence Distant Recurrence	7 55	4 92	0.61 (0.44 - 0.84)	0.003
Contralateral Breast Cancer	19	29		
Deaths Without Recurrence or Contralateral Breast Cancer	30	38		

Contributed Treat Concer.

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Updated Analyses of Extended Adjuvant Treatment of Early Breast Cancer, Median Treatment Duration of 60 Months

Table 5: Update of Extended Adjuvant Study Results

	Letrozole N = 2582	Placebo N = 2586	Hazard Ratio ¹ (95% CI)	P-Value ²
Disease Free Survival (DFS) ³ Events	344 (13.3)	402 (15.5)	0.89 (0.77, 1.03)	0.12
Breast cancer recurrence (Protocol definition of DFS events ⁶)	209	286	0.75 (0.63, 0.89)	0.001
Local Breast Recurrence	15	44		
Local Chest Wall Recur- rence	6	14		
Regional Recurrence Distant Recurrence	10 140	8 167		
Distant recurrence (first or subsequent events)	142	169	0.88 (0.70,1.10)	0.246
Contralateral Breast Can- cer	19	29		
Deaths Without Recurrence or Contralateral Breast Cancer	30	38		

"Adjusted by receptor status, noted status and prior chemofflessips." Staffield logrank text, staffield by receptor status, nodel status and prior chemofhersay. DFS events defined as earliest of locoregional recurrence, datant metastasis, contralateral trenst career or death from any cause, and ignoring saidthes to letrozole in 60% of the placetod arm.

"Prolicotal definition did not include deaths from any cause."

Frenches desiration del cel houlde desiration are cause Updated entrapies was consciouted as al made librory of GET contribs. In the lettocole am, 71% of the patients were headed for a lessed 3 years and 55% of patients completed at lessal 3 years of exhected signal metalerant. After a substituting of the substitution of a 15% of the selected patients in the patients are open or of 25 months, approximately 9 (50° of the selected patients in the patients are napset but the first of beset concrete controllerant bestet access compared in placeto (98° of 25° of

usan uconserver survival and a formation and a survival.

First-Like Treatment of Advanced Breast Cancer
A randomized, double-blind, multinational tital compared lethracide 2.5 mg with tempolar 2.0
mg in 916 postmenopusual patients with locally advanced (Stage IIIB or too regional recurrence not amenable to beatment with surgey or radiator) or meladable breast cover. Time to progression (TTP) was they primary endpoint of the trial. Selected baseline characteristics for this study are thorn in Table 6.

Table 6: Selected Study Population Demographics Resolina Statue | Letrozole | Tamoxifen

buscine dutus	Leaden	Tumoxiium
	N=458	N=458
Stage of Disease		
IIIB	6%	7%
IV	93%	92%
Receptor Status		
ER and PgR Positive	38%	41%
ER or PgR Positive	26%	26%
Both Unknown	34%	33%
ER or PgR /Other Unknown	<1%	0
Previous Antiestrogen Therapy		
Adjuvant	19%	18%
None	81%	82%

Dominant Site of Disease		
Soft Tissue	25%	25%
Bone	32%	29%
Viscara	4307	AER

Viscora 45% 46% Letrozofe was superior lo tamoxifen in TTP and rate of objective tumor response Table 7 summarizes the results of the trial, with a total median follow-up of app months. (All analyses are unadjusted and use 2-sided P-values.)

	Letrozole 2.5 mg N=453	Tamoxifen 20 mg N=454	Hazard or Odds Ratio (95% CI) P-Value (2-Sided)
Median Time to Progression	9.4 months	6.0 months	0.72 (0.62, 0.83) ¹ P<0.0001
Objective Response Rate (CR + PR)	145 (32%)	95 (21%)	1.77 (1.31, 2.39) ² P=0.0002 2.99 (1.63, 5.47) ²
(CR)	42 (9%)	15 (3%)	P=0.0004
Duration of Objective	18 months	16 months	
Response			
Median	(N=145)	(N=95)	
Overall Survival	35 months	32 months	P=0.5136 ³

Variable	Letrozole 2.5 mg N=84	Tamoxifen 20 mg N=83
Median Time to Progression (95% CI)	8.9 month s (6.2, 12.5)	5.9 months (3.2, 6.2)
Hazard Ratio for TTP (95% CI)	0.60 (0.43, 0.84)	
Objective Response Rate		
(CR + PR)	22 (26%)	7 (8%)
Odds Ratio for Response (95% CI)	3.85 (1.5	0, 9.60)
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Hazard ratio less than 1 or odds ratio greater than 1 far 1 or odds ratio less than 1 favors tamoxifen.

Table 9: Efficacy by Disease Site

	Letrozole 2.5 mg	Tamoxifen 20 mg	
Dominant Disease Site			\neg
Soft Tissue:	N=113	N=115	\neg
Median TTP	12.1 months 50%	6.4 months 34%	
Objective Response Rate			
Bone:	N=145	N=131	\neg
Median TTP	9.5 months	6.3 months	
Objective Response Rate	23%	15%	
Viscera:	N=195	N=208	\neg
Median TTP	8.3 months	4.6 months	
Ohiartiva Resonnea Data	28%	17%	- 1

Variable	Letrozole 2.5 mg	Tamoxifen 20 mg
Receptor Positive	N=294	N=305
Median Time to Progression 9 5% CI)	(9.4 months (8.9, 11.8) 0.69 (0.58, 0.83)	6.0 months (5.1, 8.5)
Hazard Ratio for TTP (95% CI)	97 (33%)	66 (22%)
Objective Response Rate (CR+PR)	1.78 (1.20, 2.60)	
Odds Ratio for Response 95% CI)		
Receptor Unknown	N=159	N=149
Median Time to Progression (95% CI)	9.2 months (6.1, 12.3)	6.0 months (4.1, 6.4)
Hazard Ratio for TTP (95% CI) Objec-	0.77 (0.60, 0.99)	
tive Response Rate (CR+PR) Odds	48 (30%)	29 (20%)
Ratio for Response (95% CI)	1.79 (1.10, 3.00)	

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Parameter	Megestrol acetate study	Aminoglutethimide study
No. of Participants	552	557
Receptor Status		
ER/PR Positive	57%	56%
ER/PR Un known	43%	44%
Previous Therapy		
Adjuvant Only	33%	38%
Therapeutic +/-Adj.	66%	62%
Sites of Disease		
Soft Tissue	56%	50%
Bone	50%	55%
Viscera	40%	44%

Confirmed objective turnor response (complete response plus partial response) was the primar y endpoint of the trials. Responses were measured according to the Union Internationale Cor the le Canner (URICO) criteria and verified by independine, blinded review. All responses were confirmed by a second evaluation 4-12 weeks after the documentation of the initial response

Table 12: Megestrol Acetate Study Results

	N=188	Letrozole 2.5 mg N=174	Megestrol acetate N=190	
Objective Response (CR + PR)	22 (11.7%)	41 (23.6%)	31 (16.3%)	

Median Duration of Response	552 days (Not reached)		561 days	
Median Time to Progres- sion	154 days	170 days	168 days	
Median Survival	633 days	730 days	659 days	
	Letrozole 2.5: Letrozole 0.5=2.33 (95% CI: 1.32, 4.17); P=0.004*		Letrozole 2 .5: meges- trol=1.58 (95% C I: 0.94, 2.6 6); P=0.08*	
Relative Risk of Progression	Letrozole 2.5: Letrozole 0.5=0.81 (95% CI: 0.63, 1.0 3); P=0.09 *		Letrozole 2.5: meges- trol=0.77 (95% C I: 0.60, 0.9 8); P=0.03*	

The results for the study comparing letrozole to aminoglutethimide, with: of 9 months, are shown in Table 13. (Unadjusted analyses are used.)

Table 13: Aminoplute nide Study Results

	Letrozole 0.5 mg N=193	Letrozole 2.5 mg N=185	Aminoglutethimide N=179
Objective Response (CR + PR)	34 (17.6%)	34 (18.4%)	22 (12.3%)
Median Duration of Re- sponse	619 days	706 days	450 days
Median Time to Progres- sion	103 days	123 days	112 days
Median Survival	636 days	792 days	592 days
Odds Ratio for Response	Letrozole 2.5: Letrozole 0.5=1.05 (95% CI: 0.62, 1.79); P=0.85*		Letrozole 2 .5: aminoglu tethimide=1.61 (95% CI: 0 .90, 2.87, P=0.11*
Relative Risk of Progres- sion	Letrozole 2.5: Li (95% CI: 0.68 ,		Letrozole 2.5: aminoglu tethimide=0.74

Extended Adjuvant Trestment of Early Breast Cancer
Letrocale (Trozel) is indicated for the extended adjuvant trestment of early breast or postmenopusal women, who have received years of adjuvent transition transition to postmenopusal women, who have received by seast of adjuvent transition them thereto, fediveness of Letrozole (Trozel) in extended adjuvant treatment of early breast cancer on an analysis of disease-free survival in patients treated with Letrozole (Trozel) for a of 60 months.

of 60 months.

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The median heatment cluster or displayant featurement was 60 months and the median duration of objective the service of the median traismant of the object of the median traismant of the object of the object

Table 14: Patients with Adverse Reactions (CTC Grades 1-4, Irrespective of Relationship to Study Drug) in the Adjuvant Study – Monotherapy Arms Analysis (Median Follow-up 73 Months: Median Testement 60 Months).

	Grades 1-4		Grades 3-4	Grades 3-4		
Adverse Reaction	Letrozole N=2448 n (%)	Tamoxifen N=2447 n (%)	Letrozole N=2448 n (%)	Tamoxifen N=2447 n (%)		
Pts with any adverse event	2310 (94.4)	2214 (90.5)	635 (25.9)	604 (24.7)		
Hypercholestero- lemia	1280 (52.3)	700 (28.6)	11 (0.4)	6 (0.2)		
Hot Flashes/Flushes	821 (33.5)	929 (38.0)	0 -	0 -		
Arthralgia/Arthritis	618 (25.2)	501 (20.4)	85 (3.5)	50 (2.0)		
Night Sweats	357 (14.6)	426 (17.4)	0 -	0 -		
Bone Fractures ²	338 (13.8)	257 (10.5)		-		
Weight Increase	317 (12.9)	378 (15.4)	27 (1.1)	39 (1.6)		
Nausea	283 (11.6)	277 (11.3)	6 (0.2)	9 (0.4)		
Bone Fractures ¹	247 (10.1)	174 (7.1)	-	I		
Fatigue (Lethargy, Malaise, Asthenia)	235 (9.6)	250 (10.2)	6 (0.2)	7 (0.3)		
Myalgia	217 (8.9)	212 (8.7)	18 (0.7)	14 (0.6)		
Edema	164 (6.7)	160 (6.5)	3 (0.1)	1 (<0.1)		
Weight Decrease	140 (5.7)	129 (5.3)	8 (0.3)	5 (0.2)		
Vaginal Bleeding	128 (5.2)	320 (13.1)	1 (<0.1)	8 (0.3)		
Back Pain	125 (5.1)	136 (5.6)	7 (0.3)	11 (0.4)		
Osteoporosis NOS	124 (5.1)	66 (2.7)	10 (0.4)	5 (0.2)		
Bone pain	123 (5.0)	109 (4.5)	6 (0.2)	4 (0.2)		
Depression	119 (4.9)	114 (4.7)	16 (0.7)	14 (0.6)		
Vaginal Irritation	111 (4.5)	77 (3.1)	2 (<0.1)	2 (<0.1)		
Headache	105 (4.3)	94 (3.8)	9 (0.4)	5 (0.2)		
Pain in extremity	103 (4.2)	79 (3.2)	6 (0.2)	4 (0.2)		
Osteopenia	87 (3.6)	74 (3.0)	0 -	2 (<0.1)		
Dizziness/Light- Headedness	84 (3.4)	84 (3.4)	1 (<0.1)	6 (0.2)		
Alopecia	83 (3.4)	84 (3.4)	0 -	0 -		

%) (3.3) (2.0) (2.0) (1.5) (0.8) (0.3) (0.3)	n (%) 80 (3.3) 54 (2.2) 71 (2.9) 43 (1.8) 20 (0.8) 70/1943 (3.6) 71 (1.8)	n (%) 3 (0.1) 16 (0.7) 3 (0.1) 1 (<0.1) 1 (<0.1) 	n (%) 5 (0.2) 17 (0.7) 1 (<0.1) 0 - 1 (<0.1)
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<0.1)	3 (0.1)	0 -	0 -
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(2.1)	46 (1.9)	_	
(2.9)	63 (2.6)	_	_
(1.1)	24 (1.0)	-	
(1.3)	31 (1.3)	-	
(2.1)	89 (3.6)	_	_
(2.9)	111 (4.5)	_	_
(10.6)	256 (10.5)	_	
2 (12.7)	337 (13.8)	_	_
(22)	78 (3.2)	_	
2 (4.2)	119 (4.9)	-	-
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Grades 1-4 Grades 3-4
Adverse Reaction Letrozole Tamoxifen Letrozole Tamoxifen

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Catholises analysis in reasonance of case you breast cancels, seemen in reasonance fourties or de-fine median dustion of benefitied adjound treatment used. I months and the median dustion of follow-up for safely was 28 months for patients receiving elements and placebo.

Table below describes the adverse mediants counting at a heapure of least 5% in any beatment group during treatment. Most deviene reactions reported series Grade 1 and Grade 2 asked on the Common Tacinity (Cathel Vision Cat). In the settlende disputs settling, the respoted during elements with our significantly different from placebox were both families, and implication, and implication, and implication, and implication.

Table 15: Percentage of Patients with Adverse Reactions

	Number (%) of Grade 1-4 Adv	erse Reaction	Number (%) of Patients with Grade 3-4 Adverse Reaction		
	Letrozole N=2563	Placebo N=2573	Letrozole N=2563	Placebo N=2573	
Any Adverse Reaction	2232 (87.1)	2174 (84.5)	419 (16.3)	389 (15.1)	
Vascular Disorders	1375 (53.6)	1230 (47.8)	59 (2.3)	74 (2.9)	
Flushing	1273 (49.7)	1114 (43.3)	3 (0.1)	0 -	
General Disorders	1154 (45)	1090 (42.4)	30 (1.2)	28 (1.1)	
Asthenia	862 (33.6)	826 (32.1)	16 (0.6)	7 (0.3)	
Edema NOS	471 (18.4)	416 (16.2)	4 (0.2)	3 (0.1)	
Musculoskeletal Disorders	978 (38.2)	836 (32.5)	71 (2.8)	50 (1.9)	
Arthralgia	565 (22)	465 (18.1)	25 (1)	20 (0.8)	
Arthritis NOS	173 (6.7)	124 (4.8)	10 (0.4)	5 (0.2)	
Myalgia	171 (6.7)	122 (4.7)	8 (0.3)	6 (0.2)	
Back Pain	129 (5)	112 (4.4)	8 (0.3)	7 (0.3)	
Nervous System Disorders	863 (33.7)	819 (31.8)	65 (2.5)	58 (2.3)	
Headache	516 (20.1)	508 (19.7)	18 (0.7)	17 (0.7)	
Dizziness	363 (14.2)	342 (13.3)	9 (0.4)	6 (0.2)	
Skin Disorders	830 (32.4)	787 (30.6)	17 (0.7)	16 (0.6)	
Sweating In- creased	619 (24.2)	577 (22.4)	1 (<0.1)	0 -	
Gastrointestinal Disorders	725 (28.3)	731 (28.4)	43 (1.7)	42 (1.6)	
Constipation	290 (11.3)	304 (11.8)	6 (0.2)	2 (<0.1)	
Nausea	221 (8.6)	212 (8.2)	3 (0.1)	10 (0.4)	
Diarrhea NOS	128 (5)	143 (5.6)	12 (0.5)	8 (0.3)	
Metabolic Disorders	551 (21.5)	537 (20.9)	24 (0.9)	32 (1.2)	
Hypercholeste- rolemia	401 (15.6)	398 (15.5)	2 (<0.1)	5 (0.2)	
Reproductive Disorders	303 (11.8)	357 (13.9)	9 (0.4)	8 (0.3)	
Vaginal Hemor- rhage	123 (4.8)	171 (6.6)	2 (<0.1)	5 (0.2)	

	Number (%) of Grade 1-4 Adv		Number (%) of Patients with Grade 3-4 Adverse Reaction		
	Letrozole N=2563	Placebo N=2573	Letrozole N=2563	Placebo N=2573	
Vulvovaginal Dryness	137 (5.3)	127 (4.9)	0 -	0 -	
Psychiatric Disorders	320 (12.5)	276 (10.7)	21 (0.8)	16 (0.6)	
Insomnia	149 (5.8)	120 (4.7)	2 (<0.1)	2 (<0.1)	
Respiratory Disorders	279 (10.9)	260 (10.1)	30 (1.2)	28 (1.1)	
Dyspnea	140 (5.5)	137 (5.3)	21 (0.8)	18 (0.7)	
Investigations	184 (7.2)	147 (5.7)	13 (0.5)	13 (0.5)	
Infections and Infestations	166 (6.5)	163 (6.3)	40 (1.6)	33 (1.3)	
Renal Disorders	130 (5.1)	100 (3.9)	12 (0.5)	6 (0.2)	
Bosod on a median follow up o	d policete for 70	months the inei-	iones of elision	frontures fron	

Based on a median foliose-up of patients for 20 min, the involvement of the control incidence of the control incidence of patients for 20 min, the involvement of critical includes from the core month incidence of control incidence from the core month incidence of control incidence for the core month incidence of self-expected control control incidence for 3.5% (1.52). The reformation was to place in patients with reserved administration to 2.1% of the patients who received intended the off 3.7% of the patients who received plateach. The reformed plateach the relocation of administration of the control incidence during the control incidence and the control incidence during the control incidence and the

and sexual symptom domains. Light's Sub-study; in the extended adjuvant setting, based on a median duration of follow-up, of 52 months, there was no significant difference between letrocole and pitaceto in total cho-leatend or in any light faction at any time over 5 years. Use of light lowering drugs or detainy management of elevated light's was sollowed.

management of deviated ligids was allowed.

Updated Analysis, Charles Andrews Treatment of Early Breast Cancer, Median Treatment Duration of 80 Months.

The enthroid adjournal treatment foul was unbridded early. All the updated (final malysis), oward the side effects sent were consistent to those seen at amender teatment duration of 25 Months and the sent of the s

Type I owening riging or desity management or excelled lipids was allowed.

First-Line Treatment of Androused Breast Campar.

A total of 6.5 pillents were treated for a median time of exposure of 11 months. The incidence in A catalog and Social pillents was similar to financials and famoulists. The most fine-grainly appointed or dischere sections are similar to female sections. The similar to the similar of 15455 (3%) of participation of locations of the 15455 (3%) of participation of locations of the 15455 (3%) of participation of locations of the 15455 (3%) of participations of locations of 15455 (3%) of participations of locations of 15455 (3%) of participations of locations of locations of 15455 (3%) of participations of locations of 15455 (3%) of participations of locations of lo

Table 16: Percentage (%) of Patients with Adverse Reactions

Adverse Reaction	Letrozole 2.5 mg (N=455) %	Tamoxifen 20 mg (N=455) %
General Disorders		
Fatique	13	13
Chest Pain	8	9
Edema Peripheral	5	6
Pain NOS	5	7
Weakness	6	4
Investigations		
Weight Decreased	7	5
Vascular Disorders		
Hot Flushes	19	16
Hypertension	8	4
Gastrointestinal Disorders		
Nausea	17	17
Constipation	10	11
Diarrhea	8	4
Vomiting	7	8
Infections/Infestations		
Influenza	6	4
Urinary Tract Infection NOS	6	3
Injury, Poisoning and Procedural Complications		
Post-Mastectomy Lymphedema	7	7
Metabolism and Nutrition Disorders		
Anorexia	4	6
Musculoskeletal and Connective Tissue		
Disorders		
Bone Pain	22	21
Back Pain	18	19
Arthralgia	16	15
Pain in Limb	10	8
Nervous System Disorders		
Headache NOS	8	7
Psychiatric Disorders		
Insomnia	7	4
Reproductive System and Breast Disorders		
Breast Pain	7	7
Respiratory, Thoracic and Mediastinal Disorders	l	
Dyspnea	18	17
Cough	13	13
Chest Wall Pain	6	6

Ultrat less frequent (p.C.) absense reactions considered consequential for coll treatment groups, included private mill introducemble central, cardiovascial events, and created oversity groups, frequently present introducemble central, cardiovascial events included angine, may portal view fromthosis and pulmonary embolare. Cardiovascial events included angine, may create infrared, may proceed all schemics, and coronary heart disease. Cerebriovascial events included transient is chemic attacks, thrombotic or hemonthagic strokes and development of hemigrateria.

variant benefit (0.3% g. 3.234er

"BUTONE file are impacting actalets. In the aminoglate/minide comparison study, discontinuations for reasons other file an impact of (0.350, 0.35), and 5 mg because. 715(8.35%) and 5.0 mg because. 715(8.35%) and 5.0 mg because. 715(8.35%) and 5.0 mg because. 71566.

Comparisons of the incoloration of subsequent exactions revealed on prosipitant ofference colorations of the coloration of subsequent exactions revealed on supplication of subsequent exactions. The control is a subsequent exaction of the control is subsequent exaction. The control is subsequent exaction discontinuation of the control processing of possible to distinguish advance reactions due to bestiment from the consequences of the patient, markets because cancer, therefore of exaction deposition, or intercurrent littles. And examine subsequent exactions due to bestime from the consequences of the patient, markets because cancer, therefore of example options, or intercurrent littles. And example actions are considered to the control of the con

tions, regardless of relatio					Fatigue and Dizziness	sion is evident.
treated with letrozole 0.5 r			i acetate, or an	inoglutethimide in the	Because fatigue, dizziness, and somnolence have been reported with the use of letrozole,	Use in Hepatic Impairment
	two controlled trials are shown in table below. Table 17: Percentage (%) of Patients with Adverse Reactions				caution is advised when driving or using machinery until it is known how the patient reacts to letrozole use.	No dosage adjustment is recommended for patients with mild to moderate hepatic impairment, although letrozole blood concentrations were modestly increased in subjects with moderate
Adverse Reaction	Pooled Letrozole 2.5 mg (N=359) %	Pooled Letrozole 0.5 mg (N=380) %	Megestrol acetate 160 mg (N=189) %	Aminogluteth- imide 500 mg (N=178) %	Laboratory Test Ahnormalities No dose-related effect of leforacole on any hematologic or clinical chemistry parameter was evident. Moderate decreases in hyphocyte counts, of uncertain clinical significance, were observed in some patients receiving letropic 2.5 mg. This depression was transient in about half of those affected. Two patients on dercode developed fromtootyopens; residentish to he to the country of the country	hepatic impairment due to cirtosis. The dose of letrocale in patients with cirtosis and severe hepatic dysfunction should be reduced by 50%. The recommended dose of letrocale for such patients is 2.5 mg administered every other day. The effect of hepatic impairment on letrocale exposure in noncirribidic cancer patients with elevated bilinabin levels has not been determined. Use in Renal Impairment
Body as a Whole					study drug was unclear. Patient withdrawal due to laboratory abnormalities, whether related to	No dosage adjustment is required for patients with renal impairment if creatinine clearance is
Fatigue	8	6	11	3	study treatment or not, was infrequent.	≥10 mL/min.
Chest Pain	6	3	7	3	Pregnancy	
Peripheral Edema ¹	5	5	8	3	Letrozole may cause fetal harm when administered to a pregnant woman and the clinical ben- efit to premenopausal women with breast cancer has not been demonstrated. Letrozole is con-	Overdosage Isolated cases of letrozole overdose have been reported. In these instances, the highest single dose ingested was 62.5 mg or 25 lablets. While no serious adverse reactions were reported in
Asthenia	4	5	4	5	traindicated in women who are or may become pregnant. If this drug is used during pregnancy, or if the patient becomes pregnant while taking this drug. The patient should be apprised of the	these cases, because of the limited data available, no firm recommendations for treatment can
Weight Increase	2	2	9	3	or if the patient becomes pregnant white taking this oring, the patient around be apprised of the potential hazard to a fetus. Letrozole caused adverse pregnancy outcomes, including congeni- tal mailformations, in rats and rabbits at doses much smaller than the daily maximum recom-	be made. However, emesis could be induced if the patient is alert. In general, supportive care and frequent monitoring of vital signs are also appropriate. In single-dose studies, the highest
Cardiovascular					manded human dose (MRHD) on a mg/m² basis. Effects included increased post-implantation	dose used was 30 mg, which was well tolerated; in multiple-dose trials, the largest dose of 10
Hypertension	5	7	5	6	pregnancy loss and resprotions, fewer live fetuses, and fetal malformations affecting the renal	mg was well tolerated. Lethality was observed in mice and rats following single oral doses that
Digestive System					and skeletal systems. Animal data and letrozole's mechanism of action raise concerns that	were equal to or greater than 2,000 mg/kg (about 4,000 to 8,000 times the daily maximum rec-
Nausea	13	15	9	14	letrozole could be a human teratogen as well. Reproduction studies in rats showed embryo	ommended human dose on a mg/m² basis); death was associated with reduced motor activity, ataxis and dyspnea. Lethality was observed in cats following single IV doses that were equal to
Vomiting	7	7	5	9	and fetal toxicity at letrozole doses during organogenesis equal to or greater than 1/100 the	or greater than 10 mg/kg (about 50 times the daily maximum recommended human dose on a
Constipation	6	7	9	7	daily maximum recommended human dose (MHRD) (mg/m² basis). Adverse effects included: intrauterine mortality: increased resorptions and postimplantation loss: decreased numbers of	mo/m² basis); death was preceded by depressed blood pressure and arrhythmias.
Diamhea	6	5	3	4	live fetuses: and fetal anomalies including absence and shortening of renal gapilla, the daily	
Pain- Abdominal	6	5	9	8	MHRD (mg/m² basis) caused fetal domed head and cervical/centrum vertebral fusion. In rab- bits, letrozole caused embryo and fetal toxicity at doses about 1/100,000 and 1/10,000 the	STORAGE: Do not store above 30°C
Anorexia	5	3	5	5	daily MHRD respectively (mg/m² basis). Fetal anomalies included incomplete ossification of the	PRESENTATION:
Dyspepsia Infections/Infestations	3	4	6	5	skull, sternebrae, and fore- and hind legs. Physicians should discuss the need for adequate contraception with women who are recently	Letrozole tablets (TROZET) are available in a blister strip of 10 tablets or 14 tablets. Carton contains following of the pack sizes:
Viral Infection Lab Abnormality	6	5	6	3	repostants should discuss the need for adequate consideration with world with all electing repostants. Contraception should be used until postmenopausal status is clinically well es- tehlighed.	- 1 strip of 10 tablets
Hypercholes-	3	3	0	6		- 3 strips of 10 tablets
terolemia					Nursing Mothers	 2 strips of 14 tablets
Musculoskeletal System					It is not known if letrozole is excreted in human milk. Because many drugs are excreted in human milk and because of the potential for serious adverse reactions in nursing infants from letrozole, a decision should be made whether to discontinue nursing or to discontinue the drug.	REFERENCE: US Prescribing Information of Femara. Novartis Pharmaceuticals Corporation East Hanover.
Musculoskel- etal ²	21	22	30	14	taking into account the importance of the drug to the mother.	OS Prescribing information of remark, Novarils Pharmaceuticals Corporation East Handver, New Jersey, 07938, Dec 2011.
Arthralgia Nervous System	8	8	8	3	Pediatric Use The safety and effectiveness in pediatric patients have not been established.	
Headache	9	12	9	7	Geriatric Use	Version number: EXP/00/2012
Somnolence	3	2	2	9	The median age of patients in all studies of first-line and second-line treatment of metastatic	Date of Release: 02/2012
Dizziness	3	5	7	3	breast cancer was 64-65 years. About 1/3 of the patients were ≥70 years old. In the first-line	***************************************
Respiratory System	-	-		1.	study, patients ≥70 years of age experienced longer time to tumor progression and higher response rates than patients <70. For the extended adjuvant setting, more than 5,100 post-	
Dyspnea	17	9	16	5	response rates than patients menopausal women were enrolled in the clinical study. In total, 41% of patients were aged	
Coughing Skin and Appendages	6	5	′	5	first operation where the more limited in the clinical study. In total, 41% or patients were aged 65 years or older at enrollment, while 12% were 75 or older. In the extended adjuvant set- ting, no overall differences in safety or efficacy were observed between these older patients	
Hot Flushes	6	5	4	3	and younger patients, and other reported clinical experience has not identified differences in	
Rash ³	5	4	3	12	responses between the elderly and younger patients, but greater sensitivity of some older indi-	
Pruritus 1 Includes peripheral eden				lo.	viduals cannot be ruled out. In the adjuvant setting, more than 8,000 postmenopausal women	

Postmarketing Experience
Case of blurred vision, increased hepsiti enzymes, angioedema, anaphylactic reactions, toxic
epidema incrozyjas, erythema multiforme, and hepsitilis have been reported. Casea of carpat
tunnel syndrome and trigger finger have been identified during post approval use of letrozole.

DRUG INTERACTIONS
Tamosafen
Condeministration of letrocote and tamosfen 20 mg daily resulted in a reduction of letrocote
plasma levels of 39% on sverage. Clinical experience in the second-inte breast cancer trials
includes that the hexpectic effect of detrocote thesapy is not impaired if letrocote is administered immediately after tamosfen.

Cimetidine
A pharmacokinetic interaction study with cimetidine showed no clinically significant effect on letrozole pharmacokinetics.

Other additional register.

There is no official experience to date on the use of letitocide in combination with other and-concer agents.

There is no official experience to date on the use of letitocide in combination with other and-concer agents.

Bean Effects
Use of letitocide and other and o

and 7 km prosects.

Cholesteral Combination of the process of the process of contractions in the adjusted trial hypercommunications are specified to 20 km of elements patients and 20 km of the contraction patients and 20 k

Hepatic Impairment
Subjects with criticise and severe hepatic impairment who seen desert with 2.5 mg of let rouse.
Subjects with criticise and severe hepatic impairment who seen desert with 2.5 mg of let rouse.
In the property of let recommend for the property of let recommend for the patient population. The effect of hepatic impairment on inferrors less prosure in center patients with deveated billicities include suppose or control patients with deveated billicities.

The sality and efficiences in pediatic patients have not been established.

Geneticit Lies

The median age of patients in all studies of first line and second-ties researched in relativistic better than the patients and a studies of the studies and second-ties researched in the first line study, patients 70°, years of large repetition services 70°, years of large repetition services 70°, years of large repetition services 10°, years of large repetition of years of ye

no oranti differences with regards to the adely and efficacy profiles were observed between delety patients and cycling platests.

Carcinogenicity and Matagericity.

Carcinogenicity and Matagericity and Carcinogeness study in mice all coses of 0.6 to 0.0 mg/kg/day (about 1 to 100 times the skilly maximum recommended human dose or a mgint basilip administration by ordinary for upon 2 mg/kg/day (about 1 to 100 times the skilly maximum recommended human dose or a mgint basilip administration by ordinary for the plant contains a significant feet of the maximum contains and the plant contains a significant feet of the maximum contains and the plant contains a significant feet of the maximum contains a significant feet of the maximum contains a significant feet to the maximum contains a significant feet of the maximum contains and contains a significant feet of the significant feet of the significant feet of the significant of the significant contains and contains a significant feet of the significant feet of the significant feet of the significant of the significant significant feet of the significant significant feet significant feet of the significant significant significant feet significant significant significant significant significant significant significant significant significant significant

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DOSAGE AND ADMINISTRATION
Recommended Dose
The recommended dose
The recommended dose of letroccie is one 2.5 mg lablet administered once a day, without regard to meals.

Lee in Adjuvant Treatment of Early Breast Cancer
In the adjuvant selfing, the copfined duration of treatment with letrozole is unknown. The planned duration of beatiment in the study was 5 years with 73% of the patients having completed adjuvant therapy. Treatment should be discontinued at release.

adjoinent therapy. Treatment should be discontinued an insigna.

Use in Extended Adjoinent Treatment of Early Stream Concern
in the extended adjoinent thereign, the ground treatment duration with between the second or the extended adjoinent and the second or the secon

Letrozole Tablets 2.5mg TROZET

Mild. in India by:
Fresenius Kabi Oncology Limited,
Village-Kahanpura, P.O. Gura Majra,
Tahal-Nalagam,
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