

Letrozole Monotherapy

INDICATIONS FOR USE:

INDICATION	ICD10	Regimen Code	Reimbursement Status
Adjuvant treatment of postmenopausal women with hormone receptor positive invasive early breast cancer.	C50	371a	CDS
Extended adjuvant treatment of hormone-dependent-invasive breast cancer in postmenopausal women who have received prior adjuvant endocrine therapy for 5 years	C50	371b	CDS
Advanced breast cancer after relapse or disease progression, in women with natural or artificially induced postmenopausal endocrine status.	C50	371c	CDS
Neo-adjuvant treatment of postmenopausal women with hormone receptor positive breast cancer.	C50	371d	CDS

TREATMENT:

The starting dose of the drugs detailed below may be adjusted downward by the prescribing clinician, using their independent medical judgement, to consider each patients individual clinical circumstances.

Letrozole is administered orally once daily continuously during treatment.

Duration of adjuvant treatment and treatment of advanced breast cancer will be determined by the prescribing Consultant and depends on disease progression or unacceptable toxicity.

In the neoadjuvant setting, treatment with letrozole could be continued for 4 to 8 months in order to establish optimal tumour reduction. If the response is not adequate, treatment with letrozole should be discontinued and surgery scheduled and/or further treatment options discussed with the patient.

Drug	Dose	Route	Diluent & Rate	Cycle
Letrozole	2.5mg daily	PO	NA	Continuous daily as indicated until disease progression or unacceptable toxicity
Daily oral supplement of calcium and Vit D are recommended for duration of therapy.				
Tablet should be swallowed whole. Can be taken with food or on an empty stomach with a glass of water				
A missed dose should be taken as soon as the patient remembers. However, if it is almost time for the next dose (within 2 or 3 hours), the missed dose should be skipped, and the patient should go back to her regular dosage schedule. Doses should not be doubled because with daily doses over the 2.5 mg recommended dose, over-proportionality in systemic exposure was observed				

ELIGIBILITY:

- Indications as above

EXCLUSIONS:

- Hypersensitivity to letrozole or any of the excipients
- Hormone receptor-negative
- Premenopausal endocrine status

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- Pregnancy and breastfeeding

PRESCRIPTIVE AUTHORITY:

The treatment plan must be initiated by a Consultant Medical Oncologist or General Practitioner under direction of plan written by medical oncologist.

TESTS:

Baseline tests:

- FBC, renal and liver profile
- Check FSH, LH, oestradiol levels if less than 55 and prior hysterectomy or uncertain menopausal status due to young age or other factors.
- Consider baseline bone density assessment in appropriate patients.

Disease monitoring:

Disease monitoring should be in line with the patient’s treatment plan and any other test/s as directed by the supervising Consultant.

DOSE MODIFICATIONS:

- No recommended dose modifications.
- Any dose modification should be discussed with a Consultant.

Renal Impairment	Hepatic Impairment
No dose adjustment necessary in patients with CrCl ≥ 10 ml/min	No dose adjustment is required for patients with mild to moderate hepatic insufficiency (Child-Pugh A or B). Insufficient data are available for patients with severe hepatic impairment. Patients with severe hepatic impairment (Child-Pugh C) require close supervision

SUPPORTIVE CARE:

EMETOGENIC POTENTIAL: Minimal (Refer to local policy).

PREMEDICATIONS:

None usually required

OTHER SUPPORTIVE CARE:

Daily oral supplements of calcium and vitamin D are recommended for the duration of the therapy. Lifestyle modification including regular exercise, particularly weight bearing exercises should be encouraged.

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Version	Date	Amendment	Approved By
1	11/11/2018		Prof Maccon Keane
2	26/11/2018	Updated to new NCCP template. Updated dosing in severe hepatic impairment Clarification on duration of treatment	Prof Maccon Keane
3	9/12/2020	Reviewed. Updated exclusion criteria and adverse events section.	Prof Maccon Keane

Comments and feedback welcome at oncologydrugs@cancercontrol.ie.

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