

**CENTER FOR DRUG EVALUATION AND RESEARCH**

**APPROVAL PACKAGE FOR:**

**APPLICATION NUMBER**

**21-103**

**Approval Letter**

NDA 21-103

Novo Nordisk Pharmaceuticals, Inc.  
Attention: Barry Reit, Ph.D.  
Vice President, Regulatory Affairs  
Suite 200  
100 Overlook Center  
Princeton, NJ 08540-7810

APR 11 2000

Dear Dr. Reit:

Please refer to your new drug application (NDA) dated June 10, 1999, received June 11, 1999, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act for Activella (estradiol/norethindrone acetate) Tablets.

We acknowledge receipt of your submissions dated August 17, November 23, and December 22, 1999, and March 24, April 5(2), and April 10, 2000.

This new drug application provides for the use of Activella (estradiol/norethindrone acetate) Tablets for women with an intact uterus for the prevention of postmenopausal osteoporosis.

We have completed the review of this application, as amended, and have concluded that adequate information has been presented to demonstrate that the drug product is safe and effective for use as recommended in the agreed upon enclosed labeling text. Accordingly, the application is approved effective on the date of this letter.

The final printed labeling (FPL) must be identical to the submitted draft labeling (package insert submitted April 10, 2000, immediate container and carton labels submitted April 5, 2000). Please note that the draft patient package insert submitted June 10, 1999, should be modified and submitted to the Division of Reproductive and Urologic Drug Products for approval. Marketing the product with FPL that is not identical to the approved labeling text may render the product misbranded and an unapproved new drug.

Please submit 20 copies of the FPL as soon as it is available, in no case more than 30 days after it is printed. Please individually mount ten of the copies on heavy-weight paper or similar material. For administrative purposes, this submission should be designated "FPL for approved NDA 20-907/S-003." Approval of this submission by FDA is not required before the labeling is used.

Be advised that, as of April 1, 1999, all applications for new active ingredients, new dosage forms, new indications, new routes of administration, and new dosing regimens are required to contain an assessment of the safety and effectiveness of the product in pediatric patients unless this requirement is waived or deferred (63 FR 66632). We are waiving the pediatric study

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requirement for this action on this application.

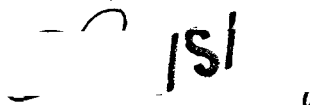
In addition, please submit three copies of the introductory promotional materials that you propose to use for this product. All proposed materials should be submitted in draft or mock-up form, not final print. Please submit one copy to the Division of Reproductive and Urologic Drug Products and two copies of both the promotional materials and the package insert directly to:

Division of Drug Marketing, Advertising, and Communications, HFD-40  
Food and Drug Administration  
5600 Fishers Lane  
Rockville, Maryland 20857

We remind you that you must comply with the requirements for an approved NDA set forth under 21 CFR 314.80 and 314.81.

If you have any questions, call Randy Hedin, R.Ph., Senior Regulatory Management Officer, at (301) 827-6392.

Sincerely,



John K. Jenkins, M.D.  
Acting Director  
Division of Metabolic and Endocrine Drug Products  
Office of Drug Evaluation II  
Center for Drug Evaluation and Research

*RA 4/11/00*

cc:

Archival NDA 21-103  
HFD-510/Div. Files  
HFD-510/R.Hedin  
HFD-510/Reviewers and Team Leaders  
HF-2/MedWatch (with labeling)  
HFD-002/ORM (with labeling)  
HFD-102/ADRA (with labeling)  
HFD-104/Peds/V.Kao (with labeling)  
HFD-104/Peds/T.Crescenzi (with labeling)  
HFD-40/DDMAC (with labeling)  
HFI-20/Press Office (with labeling)

HFD-400/OPDRA (with labeling)  
HFD-613/OGD (with labeling)  
HFD-095/DDMS-IMT (with labeling)  
HFD-820/DNDC Division Director  
DISTRICT OFFICE

Drafted by: RH/April 10, 2000

Initialed by: non-concurrence/JZawadzki/4.11/concurrence/EColman/4.10/RSteigerwalt/4.11/  
SMarkofsky/DWu/HAhn/JChoudhury/TSahlroot/4.11.00

final: RHedin/4.11.00

filename: N21103AP.LT1

APPROVAL (AP)