

Exhibit F

Reference Listed Drug

**HYTONE
(hydrocortisone)
Cream, Lotion**

DESCRIPTION: Cream – Each 2½% Cream contains 25 mg of hydrocortisone in a water washable base of purified water, propylene glycol, glyceryl monostearate SE, cholesterol and related sterols, isopropyl myristate, polysorbate 60, cetyl alcohol, sorbitan monostearate, polyoxyl 40 stearate and sorbic acid.

Lotion – Each ml of 2½% Lotion contains 25 mg of hydrocortisone in a vehicle consisting of carbomer 940, propylene glycol, polysorbate 40, propylene glycol stearate, cholesterol and related sterols, isopropyl myristate, sorbitan palmitate, cetyl alcohol, triethanolamine, sorbic acid, simethicone, and purified water. Chemically, hydrocortisone is 11,17,21-trihydroxypregn-4-Dene 3,20-dione (C₂₁H₃₀O₅).

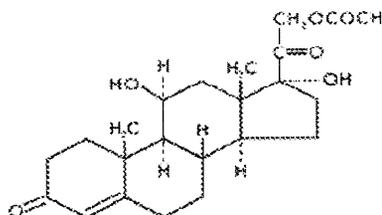
The topical corticosteroids, including hydrocortisone, constitute a class of primarily synthetic steroids used as anti-inflammatory and antipruritic agents).

Proposed Drug

**Hydrocortisone Acetate Lotion
USP, 2.5%**

DESCRIPTION: The topical corticosteroids constitute a class of primarily synthetic steroids used as anti-inflammatory and anti-pruritic agents. Hydrocortisone acetate is a member of this class.

Hydrocortisone Acetate has a molecular formula of C₂₃H₃₂O₆, a molecular weight of 404.50, and a CAS registry number of 50-03-3. The chemical name is: Pregn-4-ene-3,20-dione,21-(acetyloxy)-11, 17-dihydroxy-, (11β)- and the chemical structural formula is presented below:



Hydrocortisone Acetate Lotion is a topical preparation containing hydrocortisone acetate 2.5% w/w in a water washable lotion containing the following inactive ingredients: stearic acid, cetyl alcohol, polyoxyl 40 stearate, diisopropyl adipate, dimethicone, trolamine, povidone, potassium sorbate, sorbic acid, glycerin, petrolatum, lanolin, hydrogenated coconut oil, sorbitan sesquiolate, stearyl alcohol, and purified water.

Clinical Pharmacology: Topical corticosteroids share anti-inflammatory, anti-pruritic, and vasoconstrictive actions. The mechanism of anti-inflammatory activity of the topical corticosteroids is unclear. Various laboratory methods, including vasoconstrictor assays, are used to compare and predict potencies and/or clinical efficacies of the topical corticosteroids. There is some evidence to suggest that a recognizable correlation exists between vasoconstrictor potency and therapeutic efficacy in man.

Pharmacokinetics

The extent of percutaneous absorption of topical corticosteroids is determined by many factors including the vehicle, the integrity of the epidermal barrier, and the use of occlusive dressings.

Topical corticosteroids can be absorbed from normal intact skin. Inflammation and/or other disease processes in the skin increase percutaneous absorption.

Occlusive dressing substantially increase the percutaneous absorption of topical corticosteroids. Thus, occlusive dressing may be a valuable therapeutic adjunct for the treatment of resistant dermatoses.

(See DOSAGE AND ADMINISTRATION.)

Once absorbed through the skin, topical corticosteroids are handled through pharmacokinetic pathways similar to systemically administered corticosteroids. Corticosteroids are bound to plasma proteins in varying degrees. Corticosteroid are metabolized primarily in the liver and are then excreted by the kidneys. Some of the topical corticosteroids and their metabolites are also excreted into the bile.

Indications And Usage: Topical

CLINICAL PHARMACOLOGY

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INDICATIONS AND USAGE

corticosteroids are indicated for the relief of the inflammatory and pruritic manifestations of corticosteroid-responsive dermatoses.

Contraindications: Topical corticosteroids are contraindicated in those patients with a history of hypersensitivity to any of the components of the preparation.

Precautions:

General: Systemic absorption of topical corticosteroids has produced reversible hypothalamic-pituitary-adrenal (HPA) axis suppression, manifestations of Cushing's syndrome, hyperglycemia, and glucosuria in some patients.

Conditions which augment systemic absorption include the application of the more potent steroids, use over large surface areas, prolonged use, and the addition of occlusive dressings.

Therefore, patients receiving a large dose of a potent topical steroid applied to a large surface area or under an occlusive dressing should be evaluated periodically for evidence of HPA axis suppression by using the urinary free cortisol and ACTH stimulation tests. If HPA axis suppression is noted, an attempt should be made to withdraw the drug, to reduce the frequency of application, or to substitute a less potent steroid.

Recovery of HPA axis function is generally prompt and complete upon discontinuation of the drug. Infrequently, signs and symptoms of steroid withdrawal may occur, requiring supplemental systemic corticosteroids.

Children may absorb proportionally larger amounts of topical corticosteroid and thus be more susceptible to systemic toxicity. (See PRECAUTIONS - Pediatric Use.)

If irritation develops, topical corticosteroids should be discontinued and appropriate

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If irritation develops, topical corticosteroids should be discontinued and appropriate

therapy instituted. In the presence of dermatological infections, the use of an appropriate antifungal or antibacterial agent should be instituted. If a favorable response does not occur promptly, the corticosteroid should be discontinued until the infection has been adequately controlled.

Information for Patients – Patients using topical corticosteroids should receive the following information and instructions:

1. This medication is to be used as directed by the physician. It is for external use only. Avoid contact with the eyes.
2. Patients should be advised not to use this medication for any disorder other than for which it was prescribed.
3. The treated skin area should not be bandaged or otherwise covered or wrapped as to be occlusive unless directed by the physician.
4. Patients should report any signs of local adverse reactions especially under occlusive dressing.
5. Parents of pediatric patients should be advised not to use tight-fitting diapers or plastic pants on a child being treated in the diaper area, as these garments may constitute occlusive dressings.

Laboratory Tests: The following tests may be helpful in evaluating the HPA axis suppression:

Urinary free cortisol test
ACTH stimulation test

Carcinogenesis, Mutagenesis, Impairment of Fertility: Long term animal studies have not been performed to evaluate the carcinogenic potential or the effect on fertility of topical corticosteroids. Studies to determine mutagenicity with prednisolone and hydrocortisone have revealed negative results.

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Pregnancy. Teratogenic Effects.

Pregnancy Category C: Corticosteroids are generally teratogenic in laboratory animals when administered systemically at relatively low dosage levels. The more potent corticosteroids have been shown to be teratogenic after dermal application in laboratory animals. There are no adequate and well-controlled studies in pregnant women on teratogenic effects from topically applied corticosteroids.

Therefore, topical corticosteroids should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. Drugs of this class should not be used extensively on pregnant patients, in large amounts, or for prolonged period of time.

Nursing Mothers: It is not known whether topical administration of corticosteroids could result in sufficient systemic absorption to produce detectable quantities in breast milk. Systemically administered corticosteroids are secreted into breast milk in quantities not likely to have a deleterious effect on the infant. Nevertheless, caution should be exercised when topical corticosteroids are administered to a nursing woman.

Pediatric Use: *Pediatric patients may demonstrate greater susceptibility to topical corticosteroid induced HPA axis suppression and Cushing's syndrome than mature patients because of a larger skin surface to body weight ratio.*

Hypothalamic-pituitary-adrenal (HPA) axis suppression, Cushing's syndrome, and intracranial hypertension have been reported in children receiving topical corticosteroids. Manifestations of adrenal suppression in children include linear growth retardation, delayed weight gain, low plasma cortisol levels, and absence of response to ACTH stimulation.

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Manifestations of intracranial hypertension

include bulging fontanelles, headaches, and bilateral papilledema.

Administration of topical corticosteroids in children should be limited to the least amount compatible with an effective therapeutic regimen. Chronic corticosteroid therapy may interfere with the growth and development of children.

ADVERSE REACTIONS:

The following local adverse reactions are reported infrequently with topical corticosteroids, but may occur more frequently with the use of occlusive dressing. These reaction are listed in an approximate decreasing order of occurrence:

Burning	Hypertichosis of the skin	Maceration
Itching	Acneiform eruptions	Secondary infection
Irritation	Hypo-pigmentation	Skin atrophy
Dryness	Perioral dermatitis	Striae
Folliculitis	Allergic contact dermatitis	Miliaria

OVERDOSAGE

Topically applied corticosteroids can be absorbed in sufficient amounts to produce systemic effects. (See PRECAUTIONS.)

DOSAGE AND ADMINISTRATION

Topical corticosteroids are generally applied to the effected areas as a thin film two to four times daily depending on the severity of the condition.

Occlusive dressing may be used for the management of psoriasis or recalcitrant conditions. If an infection develops, the used of occlusive dressings should be discontinued and appropriate antimicrobial therapy instituted.

HOW SUPPLIED: Cream -- 2½% tube 1

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HOW SUPPLIED

oz NDA 0066-0095-01 and 2 oz NDC
0066-0095-02; and jar 4 oz NDC 0066-
0083-04.

Lotion -- 2½% Bottle 2 fl oz NDC 0066-
0098-02

CAUTION: Federal law prohibits
dispensing without prescription.

Dermik Laboratories, Inc.

fl.oz. bottle (NDC xxxx-xxxx-xx)

fl.oz. bottle (NDC xxxx-xxxx-xx)

R Only.

Store at controlled room temperature 15°C
- 30°C (59°F - 86°F).

FERNDALE LABORATORIES, INC.
Ferndale, Michigan 48220

Iss.

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780 West Eight Mile Road • Ferndale, MI 48220 • 248-548-0900

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Food and Drug Administration
Department of Health and Human Services
5630 Fishers Lane, Room 1061
Rockville, MD 20852

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