**Practice Trends** SKIN & ALLERGY NEWS . October 2005

## Local Health Information Networks Share Data

BY ELAINE ZABLOCKI

Contributing Writer

SAN DIEGO — A few pioneering health care organizations have set up local information networks to share electronic health data, and there are interesting lessons to be learned from these examples. according to Gordon J. Apple, a health lawyer based in St. Paul, Minn., who spoke at the annual meeting of the American Health Lawyers Association.

He compared the Santa Barbara Care Data Exchange with the Indianapolis Network for Patient Care, two projects that have similar goals but are using very different technologies and organizational

The Santa Barbara project developed as a public/private collaboration, and today is organized as a nonprofit with a "community stakeholder" board of directors, including physicians, chief financial officers, chief operating officers, a chief information officer, and a consumer and business advocate.

It uses peer-to-peer Internet technology, the same method college students use to share music files. "This is a pointer system," Mr. Apple said. It can identify where data are stored within the system, and "it provides the physician with a patient-centered view of both clinical and administrative results. However, it is not an electronic medical record."

Efforts like these are expensive, and the

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Santa Barbara project has run into problems. Insufficient grassroots support has been an issue, Mr. Apple said. The data exchange received a \$10 million grant from the California HealthCare Foundation and \$400,000 from the federal government. Although it started development work in 1999, it is expected to be up and running

The Indianapolis Network for Patient Care has been functioning for more than 7 years. "Five hospital systems that at one time were probably fierce competitors are now cooperating," Mr. Apple said.

Indianapolis started with a small project, one everyone could agree was really needed. At first, when a patient came into the emergency department, physicians could access limited data from participating hospitals. This effort was originally funded through a National Library of Medicine grant, but when the grant expired, the participants chose to continue the project.

Today, the much-expanded Indianapolis network can be used for any treatment purpose. With the patient's permission, physicians can access a complete medical history, including all previous care.

Indianapolis uses a data warehouse system. Each institution stores its data in a separate database, but all the databases use the same structure and the same coding processes. The system can pull out and combine information as needed.

The Regenstrief Institute, a nonprofit affiliated with Indiana University, Indianapolis, manages the network. Indianapolis didn't set up a separate entity to deal with these issues; instead, the network is governed by a contractual agreement signed by all users. "Regenstrief acts as the hub of the wheel," Mr. Apple said.

Before it went into effect, this draft agreement was reviewed and approved by clinicians, compliance officers, lawyers, risk managers, and information system personnel in a cooperative, consensusbuilding process. "That's the most important point," Mr. Apple said. "This wasn't something where the information technology folks said, 'let's put this out and make the doctors use it.' They actually spoke with the physicians and looked at all the issues before rolling this out."

He pointed out a second key difference: The Santa Barbara network allows doctors to pull up computer files so they can access each other's information, but the information is unstructured. Physicians are, in effect, accessing copies of paper files. In Indianapolis, the data are entered in a structured format, so it's possible to search for and compare key data items. Test results are tagged so that other computers in the network can recognize them.

Neither network offers a truly interoperable electronic health record, and Mr. Gordon told this newspaper that it will be years before we get one: "When you get all the different players in a community together, you see just how difficult it can be to reach agreement. Do we want to drive a Porsche or a VW?" Some hospitals and health systems will seek more robust technology, storing larger amounts of data with higher levels of security. Others will say they can't afford that level of sophistication.

## Luxíq® Konly

## (betamethasone valerate) Foam, 0.12%

For Dermatologic Use Only Not for Ophthalmic Use

(betamethasone valerate) Foam, 0.12%

BRIEF SUMMARY

For Dermatologic Use Only

Not for Ophthalmic Use

INDICATIONS AND USAGE

Luxiq is a medium potency topical corticosteroid indicated for relief of the inflammatory and pruritic manifestations of corticosteroid-responsive dermatoses of the scalp. CONTRAINDICATIONS

Luxiq is contraindicated in patients who are hypersensitive to betamethasone valerate, to other corticosteroids, or to any ingredient in this preparation. PRECAUTIONS

General: Systemic absorption of topical corticosteroids has caused reversible hypothalamic-putually-adenal (FIPA) axis suppression with the potential for gluccoorticosteroid insufficiency after withdrawal of treatment. Admitestations of Cushing's syndrome, hyperglycemia, and glucosuria can also be produced in some patients by systemic absorption include the application of the more potentist seroids, see over large surface asses, prolonged use, and the addition of occlusive dressings. Therefore, patients applying a topical steroid to a large surface area or to areas under occlusion should be evaluated periodically for evidence of HPA axis suppression is noted, an attempt should be made to withdraw the drug, to reduce the requency of application, or to substitute a less potent steroid. Recovery of HPA axis function is generally prompt upon discontinuation of topical corticosteroids. For information on systemic supplementation, see prescribing information for hose products. Pediatric patients may be more susceptible to systemic toxicity from equivalent doses due to their larger skin surface to body mass ratios. Gee PRECAUTIONS-Pediatric Use. I irritation develops, Luxiq should be discontinued and appropriate breating-in-should be discontinued and appropriate breating-in-should be instituted. If a larger skin surface to body mass ratios (See PRECAUTIONS-Pediatric Use) of the develops, Luxiq should be discontinued and appropriate breating-in-should be discontinued and appropriate and propriate administration of the products of the develops

Incidence and severity of burning/itching/stinging				
Product	Total incidence	Maximum severity		
		Mild	Moderate	Severe
Luxíq Foam n=63	34 (54%)	28 (44%)	5 (8%)	1 (2%)
Betamethasone valerate lotion n=63	33 (52%)	26 (41%)	6 (10%)	1 (2%)
Placebo Foam n=32	24 (75%)	13 (41%)	7 (22%)	4 (12%)
Placebo Lotion n=30	20 (67%)	12 (40%)	5 (17%)	3 (10%)

Other adverse events which were considered to be possibly, probably, or definitely related to Luxiq occurred in 1 patient each; these were paresthesia, pruritus, acne, alopecia, and conjunctivitis. The following additional local adverse reactions have been reported with topical corticosteroids, and they may occur more frequently with the use of occlusive dressings. These reactions are listed in an approximately decreasing order of occurrence: irritation; dryness; folliculitis; acneiform eruptions; hypopigmentation; perioral dermatitis; allergic contact dermatitis; secondary infection; skin atrophy; striae; and milliaria. 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. OVERDOSAGE Topically applied Luxiq can be absorbed in sufficient amounts to produce systemic effects. (See PRECAUTIONS) DOSAGE AND ADMINISTRATION Note: For proper dispensing of foam, can must be inverted. For application to the scalp invert can and dispense a small amount of Luxiq onto a saucer or other cool surface. Do not dispense directly onto hands as foam will begin to melt immediately upon contact with warm skin. Pick up small amounts of foam with fingers and gently massage into affected area until foam disappears. Repeat until entire affected scalp area is treated. Apply twice daily, once in the morning and once at night. As with other corticosteroids, therapy should be discontinued when control is achieved. If no improvement is seen within 2 weeks, reassessment of the diagnosis may be necessary. Luxiq should not be used with occlusive dressings unless directed by a physician. HOW SUPPLIED Luxiq is supplied in 150 gram (NDC 63032-021-00) and 50 gram (NDC 63032-021-50) aluminum cans. Store at controlled room temperature 68-77°F (20-25°C). WARNING FLAMMABLE. AVOID FIRE, FLAME OR SMOKING DURING AND IMMEDIATELY FOLLOWING APPLICATION. Keep out of reach of children. Contents above 120°

Manufactured for: Connetics Corporation, Palo Alto, CA 94303 USA For additional information: 1-877-821-5337 or visit www.luxig.com © 2005 Connetics Corporation PRM-LUXI-122-R1 5/05

## OLUX® Foam, 0.05% (clobetasol propionate)

For Dermatologic Use Only

(CIODELASOI PIOPIDITALE)

BRIEF SUMMARY For Dermatologic Use Only Not for Ophthalmic Use

INDICATIONS AND USAGE OLLX Foam is a super-potent topical corticosteroid indicated for short-term topical treatment of the inflammatory and pruritic manifestations of moderate to severe corticosteroid-responsive dermatoses of the scalp, and for short-term topical treatment of mild to moderate plaque-type psoriasis of non-scalp regions excluding the face and intertriginous areas. Treatment beyond 2 consecutive weeks is not recommended and the totic dosage should not exceed 50 g per week because of the potential for the drug to suppress the hypothalamic-pituitary-adrenal (HPA) axis. In a controlled pharmacokinetic study, some subjects experienced reversible suppression of the adrenals following 14 days of OLLIX Foam therapy (See ADVERSE REACTIONS). Use in children under 12 years of age is not recommended. CONTRAINDICATIONS OLLIX Foam is contraindicated in patients who are hypersensitive to clobetasol propionate, to other corticosteroids, or to any ingredient in this preparation. PRECAUTIONS General: Clobetasol propionate is a super-potent topical corticosteroid that has been shown to suppress the adrenals at 7.0 g of OLLIX Foam per day. Lesser amounts of OLLIX Foam were not studied. Systemic absorption of topical corticosteroids has caused reversible adrenal suppression with the potential for glucocorticosteroid insufficiency after withdrawal of treatment. Manifestations of Cushing's syndrome, hyperglycenial and glucosuria can also be produced in some patients by systemic absorption of projecal corticosteroids while on treatment. Conditions which augment systemic absorption include the application of more potent steroids, use over targe surface area or to areas under coclusion should be evaluated periodically for evidence of adrenal suppression. If adrenal suppression is noted, an attempt should be made to withdraw the drug, to reduce the frequency of application, or usubstitute a less potent steroid. Recovery of HPA axis fu Mutagenesia, and Impairment of Pertility. Long-term animal studies have not been performed to evaluate the carnongenic potential of clobetasoil propionate. Clobetasoil propionate was non-mutagenic in three different test systems: the American state to the controlled the carnongenic potential of clobetasoil propionate was non-mutagenic in three different test systems: the American state of the controlled the

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