

# Feds Lag Behind States in Covering the Uninsured

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New York Bureau

SAN DIEGO — The pressure is building to expand health insurance coverage, and right now the states are taking the lead, Jack Ginsburg said at the annual meeting of the American College of Physicians.

The issue of covering the uninsured is likely to heat up during the 2008 presidential election season, but little is expected at the federal level until after the

race is decided, said Mr. Ginsburg, director of health policy analysis and research at the ACP. "Where the action is really taking place is at the state level," he said.

There are comprehensive plans in Maine, Massachusetts, and Vermont. In Maine, the state offers its residents discounts on premiums and deductibles on a sliding scale. In Massachusetts, the strategy for expanding coverage focuses on individual coverage mandates and income-based subsidies. And in Vermont, the state offers subsidies for the

uninsured and employers pay an annual assessment for uninsured workers.

Other states, including Connecticut, Illinois, Pennsylvania, and Tennessee, are offering expanded coverage for children. In Connecticut, for example, families with an income of more than 300% of the federal poverty level can buy into the State Children's Health Insurance Program (SCHIP).

In Montana, Rhode Island, Tennessee, and Utah, lawmakers have opted for in-

cremental coverage that relies on public-private partnerships. These programs include combinations of approaches such as limits on insurance premiums, purchasing pools, premium assistance, and tax credits.

Lawmakers in several other states are considering proposals to expand health insurance coverage. For example, in California, Gov. Arnold Schwarzenegger (R) has proposed an individual insurance mandate, an expansion of Medicaid and SCHIP, and the creation of purchasing pools.

There are several legislative proposals circulating at the federal level, starting with the Bush administration plan, which involves tax deductions of \$7,500 for individuals and \$15,000 for families to offset the cost of purchasing health insurance. The president's plan to expand coverage also relies on health savings accounts, taxing employers' health plan contributions as income, and association health plans.

Other federal proposals include efforts to require employer-sponsored insurance, individual insurance mandates, expanding Medicaid or SCHIP to cover all children or children and parents, and offering federal grants for state initiatives.

For now, these proposals are circulating in congressional committees and are likely to stay there, Mr. Ginsburg said. ■

## Hospital Personnel Often Override Allergy Warnings

WASHINGTON — Clinicians ignored more than half of drug allergy warnings generated by computerized physician order entry programs, based on a review of nearly 30,000 medication orders for 2,732 hospitalized patients.

To determine how often allergy warnings for medications were overridden and why, Philip J. Schneider of the Ohio State University, Columbus, and colleagues analyzed data from four 1-week intervals and one 16-week interval between August 2003 and February 2005. They presented their findings in a poster at a conference sponsored by the National Patient Safety Foundation.

Computerized physician order entry (CPOE) programs allow physicians and other qualified clinicians to enter medication orders directly into a database. Once a prescription has been entered into the database, the system generates alerts regarding patient allergies and potential drug-drug interactions.

Clinicians overrode warnings in 56% of the orders, and changed the medication in 44% of the orders. A total of 54% of physician medication decisions overrode the warnings, compared with decisions by pharmacists (55%) and nurses (61%). The most commonly cited reason for overriding the warnings was that the patient had tolerated the drug in the past. Other reasons included "not a true allergy," "medical reason outweighed risk," and "physician/pharmacist approved."

—Heidi Splette

### OXISTAT® (oxiconazole nitrate cream) Cream, 1%\*

### OXISTAT® (oxiconazole nitrate lotion) Lotion, 1%\*

\*Potency expressed as oxiconazole

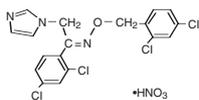
FOR TOPICAL DERMATOLOGIC USE ONLY—  
NOT FOR OPHTHALMIC OR INTRAVAGINAL USE

R<sub>only</sub>

#### DESCRIPTION

OXISTAT® (oxiconazole nitrate cream) Cream, 1% and OXISTAT® (oxiconazole nitrate lotion) Lotion, 1% formulations contain the antifungal active compound oxiconazole nitrate. Both formulations are for topical dermatologic use only.

Chemically, oxiconazole nitrate is 2',4'-dichloro-2-imidazol-1-ylacetophenone [2]-(0-(2,4-dichloro benzyl)oxime), mononitrate. The compound has the molecular formula C<sub>18</sub>H<sub>13</sub>ON<sub>3</sub>Cl<sub>4</sub>•HNO<sub>3</sub>, a molecular weight of 492.15, and the following structural formula:



Oxiconazole nitrate is a nearly white crystal-line powder, soluble in methanol; sparingly soluble in ethanol, chloroform, and acetone; and very slightly soluble in water.

OXISTAT® Cream contains 10 mg of oxiconazole per gram of cream in a white to off-white, opaque cream base of purified water USP, white petrolatum USP, stearyl alcohol NF, propylene glycol USP, polysorbate 60 NF, cetyl alcohol NF, and benzoic acid USP 0.2% as a preservative.

OXISTAT® Lotion contains 10 mg of oxiconazole per gram of lotion in a white to off-white, opaque lotion base of purified water USP, white petrolatum USP, stearyl alcohol NF, propylene glycol USP, polysorbate 60 NF, cetyl alcohol NF, and benzoic acid USP 0.2% as a preservative.

#### CLINICAL PHARMACOLOGY

**Pharmacokinetics:** The penetration of oxiconazole nitrate into different layers of the skin was assessed using an in vitro permeation technique with human skin. Five hours after application of 2.5 mg/cm<sup>2</sup> of oxiconazole nitrate cream onto human skin, the concentration of oxiconazole nitrate was demonstrated to be 16.2 μmol in the epidermis, 3.64 μmol in the upper corium, and 1.29 μmol in the deeper corium. Systemic absorption of oxiconazole nitrate is low. Using radiolabeled drug, less than 0.3% of the applied dose of oxiconazole nitrate was recovered in the urine of volunteer subjects up to 5 days after application of the cream formulation.

Neither in vitro nor in vivo studies have been conducted to establish relative activity between the lotion and cream formulations.

**Microbiology:** Oxiconazole nitrate is an imidazole derivative whose antifungal activity is derived primarily from the inhibition of ergosterol biosynthesis, which is critical for cellular membrane integrity. It has in vitro activity against a wide range of pathogenic fungi.

Oxiconazole has been shown to be active against most strains of the following organisms both in vitro and in clinical infections at indicated body sites (see INDICATIONS AND USAGE):

*Epidermophyton floccosum*  
*Trichophyton mentagrophytes*  
*Trichophyton rubrum*  
*Malassezia furfur*

The following in vitro data are available: however, their clinical significance is unknown. Oxiconazole exhibits satisfactory in vitro minimum inhibitory concentrations (MICs) against most strains of the following organisms; however, the safety and efficacy of oxiconazole in treating clinical infections due to these organisms have not been established in adequate and well-controlled clinical trials:

*Candida albicans*  
*Microsporum audouinii*  
*Microsporum canis*  
*Microsporum gypseum*  
*Trichophyton tonsurans*  
*Trichophyton violaceum*

#### INDICATIONS AND USAGE

OXISTAT® Cream and Lotion are indicated for the topical treatment of the following dermal infections: tinea pedis, tinea cruris, and tinea corporis due to *Trichophyton rubrum*, *Trichophyton mentagrophytes*, or *Epidermophyton floccosum*. OXISTAT® Cream is indicated for the topical treatment of tinea (pityriasis) versicolor due to *Malassezia furfur* (see DOSAGE AND ADMINISTRATION AND CLINICAL STUDIES).

OXISTAT® Cream may be used in pediatric patients for tinea corporis, tinea cruris, tinea pedis, and tinea (pityriasis) versicolor; however, these indications for which OXISTAT® Cream has been shown to be effective rarely occur in children below the age of 12.

#### CONTRAINDICATIONS

OXISTAT® Cream and Lotion are contraindicated in individuals who have shown hypersensitivity to any of their components.

#### WARNINGS

OXISTAT® (oxiconazole nitrate cream) Cream, 1% and OXISTAT® (oxiconazole nitrate lotion) Lotion, 1% are not for ophthalmic or intravaginal use.

#### PRECAUTIONS

**General:** OXISTAT® Cream and Lotion are for external dermal use only. Avoid introduction of OXISTAT® Cream or Lotion into the eyes or vagina. If a reaction suggesting sensitivity or chemical irritation should occur with the use of OXISTAT® Cream or Lotion, treatment should be discontinued and appropriate therapy instituted. If signs of epidermal irritation should occur, the drug should be discontinued.

**Information for Patients:** The patient should be instructed to:

- Use OXISTAT® as directed by the physician. The hands should be washed after applying the medication to the affected area(s). Avoid contact with the eyes, nose, mouth, and other mucous membranes. OXISTAT® is for external use only.
- Use the medication for the full treatment time recommended by the physician, even though symptoms may have improved. Notify the physician if there is no improvement after 2 to 4 weeks, or sooner if the condition worsens (see below).
- Inform the physician if the area of application shows signs of increased irritation, itching, burning, blistering, swelling, or oozing.
- Avoid the use of occlusive dressings unless otherwise directed by the physician.
- Do not use this medication for any disorder other than that for which it was prescribed.

**Drug Interactions:** Potential drug interactions between OXISTAT® and other drugs have not been systematically evaluated.

**Carcinogenesis, Mutagenesis, Impairment of Fertility:** Although no long-term studies in animals have been performed to evaluate carcinogenic potential, no evidence of mutagenic effect was found in 2 mutation assays (Ames test and Chinese hamster V79 in vitro cell mutation assay) or in 2 cytogenetic assays (human peripheral blood lymphocyte in vitro chromosome aberration assay and in vivo micronucleus assay in mice).

Reproductive studies revealed no impairment of fertility in rats at oral doses of 3 mg/kg/day in females (1 time the human dose based on mg/m<sup>2</sup>) and 15 mg/kg/day in males (4 times the human dose based on mg/m<sup>2</sup>). However, at doses above this level, the following effects were observed: a reduction in the fertility parameters of males and females, a reduction in the number of sperm in vaginal smears, extended estrous cycle, and a decrease in mating frequency.

**Pregnancy: Teratogenic Effects:** Pregnancy Category B. Reproduction studies have been performed in rabbits, rats, and mice at oral doses up to 100, 150, and 200 mg/kg/day (57, 40, and 27 times the human dose based on mg/m<sup>2</sup>), respectively, and revealed no evidence of harm to the fetus due to oxiconazole nitrate. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

**Nursing Mothers:** Because oxiconazole is excreted in human milk, caution should be exercised when the drug is administered to a nursing woman.

**Pediatric Use:** OXISTAT® Cream may be used in pediatric patients for tinea corporis, tinea cruris, tinea pedis, and tinea (pityriasis) versicolor; however, these indications for which OXISTAT® Cream has been shown to be effective rarely occur in children below the age of 12.

**Geriatric Use:** A limited number of patients at or above 60 years of age (n = 396) have been treated with OXISTAT® Cream in US and non-US clinical trials, and a limited number (n = 43) have been treated with OXISTAT® Lotion in US clinical trials. The number of patients is too small to permit separate analysis of efficacy and safety. No adverse events were reported with OXISTAT® Lotion in geriatric patients, and the adverse reactions reported with OXISTAT® Cream in this population were similar to those reported by younger patients. Based on available data, no adjustment of dosage of OXISTAT® Cream and Lotion in geriatric patients is warranted.

#### ADVERSE REACTIONS

During clinical trials, of 955 patients treated with oxiconazole nitrate cream, 1%, 41 (4.3%) reported adverse reactions thought to be related to drug therapy. These reactions included pruritus (1.6%); burning (1.4%); irritation and allergic contact dermatitis (0.4% each); folliculitis (0.3%); erythema (0.2%); and papules, fissure, maceration, rash, stinging, and nodules (0.1% each).

In a controlled, multicenter clinical trial of 269 patients treated with oxiconazole nitrate lotion, 1%, 7 (2.6%) reported adverse reactions thought to be related to drug therapy. These reactions included burning and stinging (0.7% each) and pruritus, scaling, tingling, pain, and dyshidrotic eczema (0.4% each).

#### OVERDOSAGE

When 5% oxiconazole cream (5 times the concentration of the marketed product) was applied at a rate of 1 g/kg to approximately 10% of body surface area of a group of 40 male and female rats for 35 days, 3 deaths and severe dermal inflammation were reported. No overdoses in humans have been reported with use of oxiconazole nitrate cream or lotion.

#### DOSAGE AND ADMINISTRATION

OXISTAT® Cream or Lotion should be applied to affected and immediately surrounding areas once to twice daily in patients with tinea pedis, tinea corporis, or tinea cruris. OXISTAT® Cream should be applied once daily in the treatment of tinea (pityriasis) versicolor. Tinea corporis, tinea cruris, and tinea (pityriasis) versicolor should be treated for 2 weeks and tinea pedis for 1 month to reduce the possibility of recurrence. If a patient shows no clinical improvement after the treatment period, the diagnosis should be reviewed.

Note: Tinea (pityriasis) versicolor may give rise to hyperpigmented or hypopigmented patches on the trunk that may extend to the neck, arms, and upper thighs. Treatment of the infection may not immediately result in restoration of pigment to the affected sites. Normalization of pigment following successful therapy is variable and may take months, depending on individual skin type and incidental sun exposure. Although tinea (pityriasis) versicolor is not contagious, it may recur because the organism that causes the disease is part of the normal skin flora.

#### CLINICAL STUDIES

The following definitions were applied to the clinical and microbiological outcomes in patients enrolled in the clinical trials that form the basis for the approvals of OXISTAT® Lotion and OXISTAT® Cream.

#### Definitions:

- Myco logical Cure:** No evidence (culture and KOH preparation) of the baseline (original) pathogen in a specimen from the affected area taken at the 2-week post-treatment visit (for tinea [pityriasis] versicolor, mycological cure was limited to KOH only).
- Treatment Success:** Both a global evaluation of 90% clinical improvement and a microbiological eradication (see above) at the 2-week post-treatment visit.

**Tinea Pedis:** THERE ARE NO HEAD-TO-HEAD COMPARISON TRIALS OF THE OXISTAT® CREAM AND LOTION FORMULATIONS IN THE TREATMENT OF TINEA PEDIS.

**Lotion Formulation:** The clinical trial for the lotion formulation line extension involved 332 evaluable patients with clinically and microbiologically established tinea pedis. Of these evaluable patients, 64% were diagnosed with hyperkeratotic tinea pedis and 28% with interdigital tinea pedis. Seventy-seven percent (77%) had disease secondary to infection with *Trichophyton rubrum*, 18% had disease secondary to infection with *Trichophyton mentagrophytes*, and 4% had disease secondary to infection with *Epidermophyton floccosum*.

The results of this clinical trial at the 2-week post-treatment follow-up visit are shown in the following table:

Patient Outcome	OXISTAT® Lotion		Vehicle
	b.i.d.	q.d.	
Mycological cure	67%	64%	28%
Treatment success	41%	34%	10%

In this study, the improvement and cure rates of the b.i.d.- and q.d.-treated groups did not differ significantly (95% confidence interval) from each other but were statistically (95% confidence interval) superior to the vehicle-treated group.

**Cream Formulation:** The two pivotal trials for the cream formulation involved 281 evaluable patients (total from both trials) with clinically and microbiologically established tinea pedis.

The combined results of these 2 clinical trials at the 2-week post-treatment follow-up visit are shown in the following table:

Patient Outcome	OXISTAT® Cream		Vehicle
	b.i.d.	q.d.	
Mycological cure	77%	79%	33%
Treatment success	52%	43%	14%

All the improvement and cure rates of the b.i.d.- and q.d.-treated groups did not differ significantly (95% confidence interval) from each other but were statistically (95% confidence interval) superior to the vehicle-treated group.

In addition, pediatric data (95 children ages 10 and under) available with the cream formulation indicate that it is safe and effective for use in children when used as directed. Adverse events were reported in 2 children; 1 child was reported to have reddening of the skin and 1 child was reported to have eczema-like skin alterations.

**Tinea (pityriasis) Versicolor:** Two pivotal clinical trials of OXISTAT® Cream in tinea (pityriasis) versicolor involved 219 evaluable patients in the q.d. OXISTAT® and vehicle arms of the trial with clinical and microbiological evidence of tinea (pityriasis) versicolor. Patients were treated for 2 weeks with OXISTAT® Cream once daily, or with cream vehicle. The combined results of these clinical trials at the 2-week post-treatment follow-up visit are shown in the following table. These results are based on 207 patients (110 in the OXISTAT® group and 97 in the vehicle group) with efficacy evaluations at this visit.

Patient Outcome	OXISTAT® Cream		Vehicle
	q.d.		
Mycological cure	88%		67%
Treatment success	83%		62%

Only once a day was shown in both studies to be statistically superior to vehicle for all efficacy parameters at 2 weeks and follow-up.

#### HOW SUPPLIED

OXISTAT® (oxiconazole nitrate cream) Cream, 1% is supplied in:  
15-g tubes (NDC 0462-0358-15),  
30-g tubes (NDC 0462-0358-30), and  
60-g tubes (NDC 0462-0358-60).

Store between 15° and 30°C (59° and 86°F).

OXISTAT® (oxiconazole nitrate lotion) Lotion, 1% is supplied in a 30-mL bottle (NDC 0462-0359-30). Store between 15° and 30°C (59° and 86°F). Shake well before using.

PharmaDerm®

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