Performance Measures to Focus on Quality of Care

BY JANE ANDERSON Contributing Writer

he National Committee for Ouality Assurance is finalizing new performance measures that will look at quality of care all the way down to the physician group and even the individual physician level.

The measures, which will form the foundation of a new Health Employer Data and Information Set (HEDIS), could require physicians to begin reporting some quality data to health plans directly echoing other performance measurement efforts already underway nationwide.

The draft ambulatory care quality measures were released for public comment in October. Final measures are expected before the end of the year, according to an NCQA spokesman.

This is a big change," said Dr. Bruce Bagley, medical director for quality improvement at the American Academy of Family Physicians (AAFP) and a member of the NCQA committee that approved the draft measures. "Physicians now will begin to report some data from their clinical records, such as 'Why I didn't give an indicated medication.' "

HEDIS, which measures quality of care, is the main tool that health plans use to track and report on their performance to payers. Until now, HEDIS has used administrative claims data "almost exclusively" to measure quality at the health

 TRI-LUMA* Cream
 (fluocinolone acetonide 0.01%, hydroquinone 4%, tretinoin 0.05%)
 Not for Ophthalmic Use
 Rx only

 Brief Summary
 For External Use Only
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 INDICATIONS AND USAGE:
 TRI-LUMA Cream is indicated for the short-term intermittent treatment of moderate to severe melasma of the face, in the treatment of sumscreents.

Inducations AND USABLE: TRI-LUMA Cream is indicated for the short-term intermittent treatment of moderate to severe melasma of the face, in the presence of measures for sun avoidance, including the use of sunscreens. The following are important statements relating to the indication and usage of TRI-LUMA Cream: • TRI-LUMA Cream, a combination drug product containing corticosteroid, retinoid, and bleaching agent, was proven safe for the inter-mittent treatment of melasma, with cumulative treatment time of at least 180 days. Because melasma usually recurs upon discontinuation of TRI-LUMA Cream, patients can be retreated with TRI-LUMA until melasma is resolved. Patients need to avoid sunlight exposure, use sunscreen with appropriate SPF, wear protective clothing, and change to non-hormonal forms of birth control, if hormonal methods are used. In clinical trials used to support the use of TRI-LUMA Cream in the treatment of melasma, patients were instructed to avoid sunlight exposure to the face, wear protective clothing and use a sunscreen with SPF 30 each day. They were to apply the study medication each night, after washing their face with a mildi scapless cleanser. • The safety and efficacy of TRI-LUMA Cream in patients of skin types V and VI have not been studied. Excessive bleaching resulting in undersizable cosmic effect in patients with darker skin cannot be excluded. • The safety and efficacy of TRI-LUMA Cream in the treatment of hyperpigmentation conditions other than melasma of the face • Because pregnant and lactating women were excluded from, and women of child-bearing potential had to use birth control measures in the clinical trials. The safety and efficacy of TRI-LUMA Cream in pregnant women and nursing mothers have not been establed (See PERCAUTIONS), *Fregnancy*). **CONTRANDICATIONS CONTRANDICATIONS TRI-LUMA** Cream is contraindicated in individuals with a history of hypersensitivity, allergy, or intolerance to this product oran y of its components.

CONTRAINDICATIONS: THI-LUMA Cream is contraindicated in individuals with a meany or improvement, individuals anaphylactic symptoms and life-threatening asthmatic pelodes in susceptible people. The overall prevalence of suffice sensitivity in the general population is unknown and probably low. Suffice sensitivity is seen more frequently in asthmatic people. The UMA Cream contains sydown may prove a supervise of the product of any of the sensitivity is seen more frequently in asthmatic people. The UMA Cream contains hydroquinone, which may produce exogenous ochronosis, a gradual blue-black darkening of the skin, whose occurrence should prompt discontinuation of therapy. The majority of patients developing this condition are Black,

skin, whose occurrence should prompt discontinuation of therapy. The majority of patients developing this condition are Black, but it may also occur in Gaucasians and Hispanics. Jutaneous hypersensitivity to the active ingredients of TRI-LUMA Cream has been reported in the literature. In a patch test study to determine sensitization potential in 221 healthy volunteers, three volunteers developed sensitivity reactions to

to determine sensitization potential in 221 healthy volunteers, three volunteers developed sensitivity reactions to THI-LUMA Cream on its components. PRECAUTIONS: General: TRI-LUMA Cream contains hydroguinone and tretinoin that may cause mild to moderate irritation. Local irritation, such as skin reddening, peeling, mild burning sensation, dryness, and pruritus may be expected at the site of application. Transient skin reddening or mild burning sensation, dryness, and pruritus may be expected at the site of application. Transient skin reddening or mild burning sensation does not preclude treatment. If a reaction suggests hypersensitivity or chemical irritation, the use of the medication should be discontinued. TRI-LUMA Cream also contains the corticosteroid fluccinolone acetoride. Systemic absorption of topical corticosteroids can produce reversible hypothalamic-pituliary-adrenal (HPA) axis suppression with the potential for gluccourtic can also be produced by systemic absorption of topical corticosteroid while on treatment. If HPA axis suppression is noted, the use of TRI-LUMA Cream should be discontinued. Recovery of HPA axis function generally occurs upon discontinuation of topical corticosteroids.

INI-LUMA Cream should be discontinued. Hecovery of HPA axis function generally occurs upon discontinuation of cordicosteroids. **ation for Patients:** Exposure to sunlight, sunlamp, or ultraviolet light should be avoided. Patients who are consistently do sunlight or skin irritants either through their work environment or habits should exercise particular caution. reen and protective covering (such as the use of a hat) over the treated areas should be used. Sunscreen use is an ial aspect of melasma threapy, as even minimal sunlight sustains meanocytic activity. er extremes, such as heat or cold may be irritating to patients treated with TRI-LUMA Gream. Because of the drying effect medication, a molsturizer may be applied to the face in the morning after washing. ation of TRI-LUMA Gream should be kept away from the eyes, nose, or angles of the mouth, because the mucosa is much sensitive than the skin to the irritation of the mucous membranes of the eyes, nose, and mouth require medication on. If the medication is applied exessively, marker derdenses, peeling, or discontinuer may out the require medication is preserved. In the used ation is applied exessively, marker derdenses, peeling, or discontfor may occur. edication is to be used as directed by the health care provider conter and should not be used for any disorder other than that for the prescredu.

r The following tests may be helpful in evaluating patients for HPA axis suppression

Laboratory Tests: The following tests may be imputed in evaluating provide to the evaluation of t

TRI-LUMA Cream have not been conducted. Studies of hydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of hydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of bydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of bydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of bydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of bydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of bydroquinone is an interval of the carcinogenic potential of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone in the carcinogenic potential of bydroguinone is an interval of bydroguinone is an interval of bydroguino in the carcinogenic potential of bydroguinone is an interval of bydroguino in the carcinogenic potential of bydroguino in t

Init-LUMA cream have not been conducted. Studies of hydroquinone in animals have demonstrated some evidence of carcinogenicity. The carcinogenic potential of hydroquinone in humans is unknown. Studies in hindress albion mice suggest that concurrent exposure to tretinoin may enhance the tumorigenic potential of carcinogenic doses of UVB and UVA light from a solar simulator. This effect has been confirmed in a later study in pigmented mice, and dark pigmentation did not overcome the enhancement of photocarcinogenesis by 0.05%, tretinoin. Although the significance of these studies to humans is not clear, patients should minimize exposure to sunlight or artificial ultraviolet irradiation sources. Mutagenicity studies were not conducted with this combination of active ingredients. Published studies have demonstrated that involve onucces. Mutagenicity studies were not conducted with this combination of active ingredients. Published studies have demonstrated that in vivo mouse micronucleus assay in bacterial strains sensitive to oxidiring mutagens, in in vitro studies in marmatian cells, and in the in vivo mouse micronucleus assay. Tretinoin has been shown to be negative for mutagenesis in the Ames assay. Additional information regarding the genetic toxicity potential of tretinoin and of fluctonolone actonide is not available. A dermal reproductive lentility study was conducted in SD rats using a 10-fold dilution of the clinical formutation. No effect was seen on the traidional parameters used to assess fertility. Although protongation of estrus was observed in some females, and there was a trend towards an increase in pre-and post-implantation loss that was not statistically significant. No adequate study of fertility and early embyopicity with TRi-LUMA Cream, because the availability of the dermal applications in the straogenic cannet studies on teratogenicity with TRi-LUMA Cream, because the availability of the dermal applications in the stratogenic enninal studies on teratogenicity with TRi-LUMA Cream, because the

caunot pe assured, and comparison with clinical dosing is not possible. There are no adequate and well-controlled studies in pregnant women. TRI-LUMA Cream should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. Summary Statement on Teratogenic Risk TRI-LUMA Cream contains the teratogen, tretinoin, which may cause embryo-fetal death, altered fetal growth, congenital malformations, and potential neurologic deficits. However, human data have not confirmed an increased risk of these developmental abnormalities when tretinon is administered by the topical route. Clinical considerations the teratogen, tretinoin, which may cause embryo-fetal death, altered fetal growth, congenital malformations, and potential neurologic deficits. However, human data have not confirmed an increased risk of these developmental abnormalities when tretinon is administered by the topical route. Clinical considerations the teratogen, has not been established. In general, use of drugs should be reduced to a minimum in pregnancy. If a patient has been inadvertently exposed to TRI-LUMA Cream in pregnancy, has not been established. In general, use of drugs should be reduced to a minimum in pregnancy. If a patient has been inadvertently exposed to TRI-LUMA Cream in Pregnancy. The risk of teratogenesis due to topical exposures to TRI-LUMA Cream in the risk rot established. In general, use of topical exposures to TRI-LUMA Cream in the risk of teratogenesis due to topical exposures to TRI-LUMA Cream in the risk of the reduce daverse outcome than in later pregnancy. The prescriber should have the following clinical considerations in making prescribing decisions:
The potential developmental effects of tretinoin are serious but the risk from topical administration is small.
Exposure during the genical for organogenesis in the first trimester is theoretically more likely to produce adverse outcome than in later pregnancy.
The potential developmental effects of tretinoin are serio

Human Data. In clinical trials involving TRI-LUMA Cream in the treatment of facial melasma, women of child-bearing potential initiated treatment only after having had a negative pregnancy test, and used effective birth control measures during therapy. However, 15 women became pregnant during treatment with TRI-LUMA Cream. Of these pregnancies, 6 resulted in healthy babies, 6 outcomes still unknown, 2 were reported as miscarriages, and 1 case was lost to follow-up. Epidemiologic studies have not confirmed an increase in birth defects associated with the use of topical tretinoin. However, there may be limitations to the ensitivity of epidemiologic studies in the detection of certain forms of fetal injury, such as subtle neurologic or intelligence deficits.

<u>simal Data.</u> ` a dermal application study using TRI-LUMA Cream in pregnant rabbits, there was an increase in the number of *in uterc*

deaths and a decrease in fetal weights in litters from dams treated topically with the drug product.
In a dermal application study in pregnant rats treated with TRI-LUMA Cream during organogenesis there was evidence of treatogenicity of the type expected with tretinoin. These morphological alterations included deft palate, protruding topogy, open eyes, umblical hemis, and retinal folloging of dysplasia.
In a dermal application study on the gestational and postnatal effects of a 10-fold dilution of TRI-LUMA Cream in rats, an increase in the number of stillborn upsc, lower pup body weights, and delay in preputal separation were observed. An increase in overall activity was seen in some treated litters at postnatal day 22 and in all treated litters at the weeks, a pattern consistent with feetics previously noted in animals exposed in *utarow* with retinica actios. No adequate study of the late gestational and postnatal effects of the full-strengtin TRI-LUMA Cream, has been performed.
It is difficult to interpret these animal studies on treatogenicity with TRI-LUMA Cream, because the availability of the dermal applications in these studies could not be assured, and comparison with clinical dosing is not possible.
All pregnancies have a risk of birth defect, loss, or other adverse event regardless of drug exposure. Typically, estimates of numans, Even it human data: a available, such data may not be sufficient to determine whether there is an increase. It is on known whether topical application of TRI-LUMA Cream could result in sufficient systemic absorption to produce detectable quantities of fluocinolone extended the TRI-LUMA Cream is administered to a nursing woman. Care should be taken to avoid contact between the infant their number of subjects aged 65 and over to determine whether they respond differently from younger subjects. In general, does selection for an eldery patient should be exercised when TRI-LUMA Cream is adverse event gaverere mound may spredict between the infant t

Incidence and Frequency of Treatment-related Adverse Events with

TRI-LUMA Cream in at least 1% or more of Patients (N=161)	
Adverse Even	Number (%) of Patients
Erythema	66 (41%)
Desquamation	61 (38%)
Burning	29 (18%)
Dryness	23 (14%)
Pruritus	18 (11%)
Acne	8 (5%)
Paresthesia	5 (3%)
Telangiectasia	5 (3%)
Hyperesthesia	3 (2%)
Pigmentary changes	3 (2%)
Irritation	3 (2%)
Papules	2 (1%)
Acne-like rash	1 (1%)
Rosacea	1 (1%)
Dry mouth	1 (1%)
Rash	1 (1%)
Vesicles	1 (1%)

n an open-label long-term safety study, patients who have had cumulative treatment of melasma with TRI-LUMA Cream for 6 months showed a similar pattern of adverse events as in the 8-week studies.

Summary of Most Common Treatment-related Adverse Events (TRAE)* Study 29		
	Number (%) of Patients	
	Treatment Group	
	TRI-LUMA	
Preferred Term	All Patients (N=569)	Patients with at least 180 Cumulative Days of TRI-LUMA Treatment (N=314)
Total number of TRAE ^a	326 (57.29)	202 (64.33)
Application site erythema	166 (29.17)	105 (33.44)
Application site desquamation	145 (25.48)	91 (28.98)
Application site dryness	46 (8.08)	27 (8.60)
Application site burning	38 (6.68)	25 (7.96)
Application site inflammation	31 (5.45)	24 (7.64)
Application site reaction nos	31 (5.45)	17 (5.41)
Application site rash	30 (5.27)	18 (5.73)
Application site pruritus	24 (4.22)	18 (5.73)
Application site pigmentation changes	23 (4.04)	18 (5.73)

^a Defined as "probably" or "possibly" related to study medication Data source: Section 14.3, Tables 8.1.1, 8.1.2, and 8.1.3

Lemme as provemy or prostory related to Study medication Data source: Section 14.3, Tables 8.1.1, 8.1.2, and 8.1.3 The severity, incidence and type of adverse events experienced from 6 months cumulative use were not significantly different from the events reported for all patients. The incidence of application site pigmentation changes that occurred in both the controlled and long-term safety studies included 11 occurrences of hypopigmentation and 18 occurrences of hyperpigmentation in 27 patients. The following local adverse reactions have been reported infraquently with hopical corticosteroids. These reactions are bised approximate decreasing order of occurrence: burning, iching, intration, dryness, follicuitis, acanefform eruptions, hypopigmen-tation, perioral dermatitis, allergic contact dermatitis, secondary infection, skin atrophy, striae, and miliaria. TRI-LUMA Cream contains hydroquinone, which may produce exogenous ochronosis, a gradual blue-black darkening of the skin, whose occurrence should prompt discontinuation of therapy. Cutaneous hypersensitivity to the active ingredients of TRI-LUMA Cream has been reported in the iterature. In a patch test study to determine sensitization potential in 221 healthy volunteers, three volunteers developed sensitivity reactions to TRI-LUMA Cream or its components.

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Manufactured by: Hill Laboratories, Inc., Sanford, FL 32773 USA 20024-1203 Revised: December 2003

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plan level, said Dr. Bagley. Now, "NCQA has rewritten these specifications so that it's possible to drive the measures down to the physician level. The measures can be used at the plan level or at the physician group level or even at the individual physician level, if there are enough patients."

The draft measures are designed to allow health plans to report on physician performance for their networks. They include six prevention measures, such as breast cancer screening and influenza vaccination rates, as well as measures that address care for coronary artery disease, depression, and asthma. Measures addressing overuse and misuse of health care services also are part of the proposed HEDIS addition.

The measures include detailed technical specifications and implementation methods, such as appropriate sample sizing, for use by health plans. The draft measures are not new, Dr. Bagley pointed out. They

'We see these [measures] as supplementing a number of national and regional physician-level measurement efforts that are already underway.' were included in the National Fo-Ouality rum-endorsed National Voluntary Consensus Standards for Physician-Focused Ambulatory Care, and the AQA (formerly the Ambulatory Care Quality Alliance) adopted these measures

as part of its Recommended Starter Set of Clinical Performance Measures for Ambulatory Care. Therefore, physician organizations have had an opportunity to see them and comment on them prior to their release as part of HEDIS, Dr. Bagley said.

"We see these [measures] as supplementing a number of national and regional physician-level measurement efforts that are already underway," said NCQA spokesman Jeff Van Ness. Because NCQA included detailed instructions for implementation, "this lowers the hurdle for plans to begin to move and implement these among physicians," he said.

Nonetheless, Dr. Bagley said, once these measures are made part of HEDIS, physician groups and individual physicians will need to develop methods to collect the necessary information without resorting to retrospective chart audits. "We're promoting prospective data collection," such as checklists that can be filled out at the time of the patient visit, he said.

NCQA released the draft measures for public comment in October. Mr. Van Ness said that most of the comments NCQA has collected have come from large national health plans, although some comments have come from physicians and other stakeholders. He declined to provide information on the content of the comments, citing privacy concerns.

Dr. Lynne Kirk, president of the American College of Physicians, said that her organization's main concern about the new quality measures was any additional paperwork and cost burden they might add to physicians' workloads.