and look for ways to decrease it. Compulsive attention to it, however, is often a sign that more important aspects of the practice are being neglected.

Consider revenue, for example. More often than not, it is better to increase gross receipts than to decrease overhead. As a famous businessman once told me, "Your ability to cut costs is limited, but your ability to increase revenue is unlimited."

Negotiate better contracts with thirdparty payers. Improve collections, possibly with the credit card system I've discussed in several recent columns. Learn to code better and train your staff to do so as well. Use your time more efficiently. Don't worry so much about overhead. Would you rather keep 60% of \$800,000 or 40% of \$2 million?

I recently spoke with a prominent cosmetic dermatologist in New York City whose spa was bringing in a steady \$1 million per year in revenue, but with 80% overhead. He was talking about closing it down because the overhead was too high! He didn't understand that his spa was making him money, regardless of the overhead percentage. By closing the spa, he would have traded a tidy profit of 20 cents on the dollar for zero cents on the dollar.

That's why you have to be careful when using percentage as a yardstick of your overhead. Overhead percentage doesn't reflect overhead; it reflects the ratio of overhead to revenue. Without looking at the numbers themselves, both revenue and overhead, you can get a distorted view.

Let's compare two hypothetical dermatology practices: One is primarily medical and the other is surgical. The medical practice has an overhead percentage of 60% and the surgical practice 40%, but in real dollars, their overheads are exactly the same. How can that be? Is one more efficient than the other? No, the difference is in total revenue; the surgical practice generates substantially higher gross receipts than does the medical practice. When the revenue goes up, the

overhead percentage drops, even though the overhead in real dollars is the same. Once again, would you rather keep 60% of \$800,000 or 40% of \$2 million?

Don't get me wrong. Overhead is not something you should ignore, but neither should you obsess over it on a regular basis. You would be far better off seeing patients with that time. The incremental cost of seeing an additional patient is almost zero, and the revenue is almost pure profit, since you've already paid your overhead.

Concentrate on finding new ways to increase revenue or expand your practice, and your overhead will take care of itself.

DR. EASTERN practices dermatology and dermatologic surgery in Belleville, N.J. To respond to this column, write Dr. Eastern at our editorial offices or e-mail him at sknews@elsevier.com.

## **MedPAC** Looks At Hospitalists' **Recent Growth**

WASHINGTON — The explosive growth of hospitalists has caught the notice of the Medicare Payment Advisory Commission, which advises Congress on cost, quality, and access issues affecting the federal health program.

The number of hospitalists has nearly doubled in the last 5 years and will rise to 24,000 in 2008, according to information presented by MedPAC staff at a recent meeting. Citing figures from the Society for Hospital Medicine, the staff said that 40% of Medicare beneficiaries will receive care from a hospitalist by 2010, which is double the current number.

The MedPAC staff and some of the commissioners expressed concern that the explosion of hospitalist care could increase Medicare's overall spending. According to the staff, hospitalists are usually compensated through a combination of fixed salary and volume-based bonus incentives.

Those volume-based incentives may be driving hospitalists to admit and consult more often, said Zach Gaumer, a MedPAC staff member—and currently, he continued, Medicare's payment system rewards volume, not quality and efficiency.

Hospitalists have shown that they can "create measurable efficiency gains," he said, citing a study that showed that patients treated by hospitalists had a shorter length of stay and lower costs than those who were looked after by a general internist or family physician (N. Engl. J. Med. 2007;357:2589-600). There seemed to be no impact, however, on mortality or readmissions, said Mr. Gaumer.

The consistent presence of a hospitalist, however, may improve patient safety and lead to quicker adoption of process-improvement initiatives, he added.

On balance, the collaboration between hospitals and physicians can be a plus for providers and patients, said MedPAC staff member Ann Mutti.

The commission should aim for Medicare incentives that encourage appropriate care and the right mix of care, she said.

The average number of doses not received per subject due to rest periods was? doses with a range of 2 to 22 doses; 79% of subjects (15/19) resumed therapy after a rest period. Overall, in the clinical studies, 2% (4/185) of subjects discontinued for local skin/application site reactions. In the sBCC studies, 17 of 1266 (1.3%) Aldara-treated subjects developed treatment site infections that required a rest period and treatment with antibiotics. 6.3 Clinical Trials Experience: External Genital Warts in controlled clinical trials for genital warts, the most frequently reported adverse reactions were local skin and application site reactions. Some subjects also reported systemic reactions. Overall, 1.2% (4/327) of the subjects discontinued due to local skin/application site reactions. The incidence and severity of local skin reactions during controlled clinical trials are shown in the following table.

Table 8: Local Skin Reactions in the Treatment Area as Assessed by the Investigator

Table 8: Local Skin Reactions in the Treatment Area as Assessed by the Investigator (External Genital Warts)

	Aldara Cream				Vehicle			
	Females n=114		Males n=156		Females n=99		Males n=157	
	All Grades*	Severe	All Grades*	Severe	All Grades*	Severe	All Grades*	Severe
Erythema	74 (65%)	4 (4%)	90 (58%)	6 (4%)	21 (21%)	0 (0%)	34 (22%)	0 (0%)
Erosion	35 (31%)	1 (1%)	47 (30%)	2 (1%)	8 (8%)	0 (0%)	10 (6%)	0 (0%)
Excoriation/ Flaking	21 (18%)	0 (0%)	40 (26%)	1 (1%)	8 (8%)	0 (0%)	12 (8%)	0 (0%)
Edema	20 (18%)	1 (1%)	19 (12%)	0 (0%)	5 (5%)	0 (0%)	1 (1%)	0 (0%)
Scabbing	4 (4%)	0 (0%)	20 (13%)	0 (0%)	0 (0%)	0 (0%)	4 (3%)	0 (0%)
Induration	6 (5%)	0 (0%)	11 (7%)	0 (0%)	2 (2%)	0 (0%)	3 (2%)	0 (0%)
Ulceration	9 (8%)	3 (3%)	7 (4%)	0 (0%)	1 (1%)	0 (0%)	1 (1%)	0 (0%)
Vesicles	3 (3%)	0 (0%)	3 (2%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Remote site skin reactions were also reported. The severe remote site skin reactions reported for females were erythema (3%), ulceration (2%), and edema (1%); and for males, erosion (2%), and erythema, edema, induration, and exoration/flaking (each 1%). Selected adverse reactions judged to be probably or possibly related to Aldara Cream are listed below.

	Fem	ales	Males		
	Aldara Cream	Vehicle	Aldara Cream	Vehicle	
	n=117	n=103	n=156	n=158	
Application Site Disorders:					
Application Site Reactions					
Wart Site:					
Itching	38 (32%)	21 (20%)	34 (22%)	16 (10%)	
Burning	30 (26%)	12 (12%)	14 (9%)	8 (5%)	
Pain	9 (8%)	2 (2%)	3 (2%)	1 (1%)	
Soreness	3 (3%)	0 (0%)	0 (0%)	1 (1%)	
Fungal Infection*	13 (11%)	3 (3%)	3 (2%)	1 (1%)	
Systemic Reactions:					
Headache	5 (4%)	3 (3%)	8 (5%)	3 (2%)	
Influenza-like symptoms	4 (3%)	2 (2%)	2 (1%)	0 (0%)	
Myalgia	1 (1%)	0 (0%)	2 (1%)	1 (1%)	

Adverse reactions judged to be possibly or probably related to Aldara Cream and reported by more than 1% of subjects included: Application Site Disorders: burning, hypopigmentation, irritation, itching, pain, rash, sensitivity, soreness, stinging, tenderness Remote Site Reactions: bleeding, burning, itching, pain, rash, sensitivity, soreness, stinging, tenderness Remote Site Reactions: bleeding, burning, itching, pain, redereness, tinge acruis Body as a Whole: fatigue, fever, influenza-like symptoms Central and Peripheral Nervous System Disorders: headache Gastro-Intestinal System Disorders: diarrhea Musculo-Skeletal System Disorders: myalgia. 6.4 Clinical Trials Experience: Dermal Safety Studies Provocative repeat insult patch test studies involving induction and challenge phases produced no evidence that Aldara Cream causes photoallergenicity or contact sensitization in healthy skin; however, cumulative irritancy testing revealed the potential for Aldara Cream cause irritation, and annication eith reactions under sensetate in the control of the production of the production of the control of the production of photoallergenicity or contact sensitization in healthy skin; however, cumulative irritancy testing revealed the potential for Aldara Cream to cause irritation, and application site reactions were reported in the clinical studies [see Adverse Reactions (6]]. 6.5 Postmarketling Experience The following adverse reactions have been identified during post-approval use of Aldara Cream. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure. Body as a Whole: angioedema. Cardiovascular: capillary leak syndrome, cardiac failure, cardiomyopathy, pulmonary edema, arrhythmias (tachycardia, atrial fibrillation, palpitations), chest pain, ischemia, myocardial infraction, syncope. Endocrine: thyroiditis. Hematological: decreases in red cell, white cell and platelet counts (including idiopathic thrombocytopenic purpura), lymphoma Hepatic: abnormal liver function Neuropsychiatric: agitation, cerebrovascular accident, convulsions (Including febric convulsions), depression, insommia, multiple selerosis aggravation, paresis, suicide. Respiratory: dyspnea. Urinary System Disorders: proteinuria. Skin and Appendages: exfoliative dermatitis, erythema multiforme, hyperpigmentation. Vascular: Henoch-Schonlein purpura syndrome 8 IUSE IN SPECIFIC POPILIATIONS

## **8 USE IN SPECIFIC POPULATIONS**

B USE IN SPECIFIC POPULATIONS

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy Pregnancy Category C: Note: The Maximum Recommended Human Dose (MRHD) was set at 2 packets per treatment of Aldara Cream (25 mg imiquimod) for the animal multiple of human exposure ratios presented in this label. If higher doses than 2 packets of Aldara Cream are used clinically, then the animal multiple of human exposure valid be reduced for that dose. A non-proportional increase in systemic exposure with the reduced for that dose. A non-proportional increase in systemic exposure with increased dose of Aldara Cream was noted in the clinical pharmacokinetic study conducted in actinic keratosis subjects (see Clinical Pharmacology (12.3)). The AUC after topical application of 6 packets of Aldara Cream was 8 fold greater than the AUC after topical application of 2 packets of Aldara Cream was set of 6 packets per treatment of Aldara Cream was topically administered oan individual, then the animal multiple of human exposure valued be either 1/3 of the value provided in the label (based on body surface area comparisons) or 1/8 of the value provided in the label (based on body surface area comparisons) or 1/8 of the value provided in the label (based on body surface area comparisons) or 1/8 of the value provided in the label (based on AUC comparisons). The surface of the carcinogenicity studies described in this label. The animal multiples of human exposure calculations were based on weekly dose comparisons for the reproductive toxicology studies described in this label. The animal multiples of human exposure calculations were based on value of the carcinogenicity studies described in this label. The animal multiples of human exposure calculations were based on well of the provided of the provided in the label (based on AUC comparisons) included increased resorptions, decreased fetal body weights, delays in skeletal ossification, bent limb bones, and two fetuses in one litter (2 of 1567 fetuses) demonstrated exencephaly, rorturding topuges and

noted in the oral rat embryofetal development study conducted with imiquimod. No treatment related effects on teratogenicity were noted at 3 mg/kg/day (41 MRHD based on AUC comparisons). There are no adequate and well-controlled studies in pregnant women. Aldara Cream should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. 8.3 Nursing Mothers It is not known whether imiquimod is excreted in human milk following use of Aldara Cream. Because many drugs are excreted human milk, caution should be exercised when Aldara Cream is administered to nursing women. 8.4 Pediatric potential benefit justifies the potential risk to the fetus. 8.3 Nursing Mothers It is not known whether imiquimod is excreted in human milk following use of Adara Cream. Because many drugs are excreted in human milk following use of Adara Cream. Because many drugs are excreted in human milk, caution should be exercised when Aldara Cream is administered to nursing women. 8.4 Pediatric Use AK and sBCC are not conditions generally seem within the pediatric population. The safety and efficacy of Aldara Cream was evaluated in two randomized vehicle-controlled, double-billow trials involving 702 pediatric subjects with molluscum contagiosum (MC) (470 exposed to Aldara; median age 5 years, range 2-12 years). Subjects with molluscum contagiosum (MC) (470 exposed to Aldara; median age 5 years, range 2-12 years). Subjects applied Aldara Cream or vehicle 3 times weekly for up to 1 fo weeks. Complete clearance (no MC lesions) was assessed at Week 18. In Study 1, the complete clearance rates assessed at Week 18. In Study 1, the complete clearance rates assessed at Week 18. In Study 1, the complete clearance rates were 24% (60/253) in the Aldara Cream group compared with 26% (26/166) in the vehicle group. In Study 2, the clearance rates were 24% (60/253) in the Aldara Cream group compared with 26% (26/166) in the vehicle group. These studies failed to demonstrate efficacy. Similar to the studies conducted in adults, the most frequently reported adverse reaction from 2 studies in children with molluscum contagiosum was application site reaction. Adverse events which occurred more frequently in Aldara-treated subjects compared with vehicle-treated subjects generally resembled those seen in studies in indications approved for adults and also included of titis media (5% Aldara vs. 3% vehicle) and conjunctivitis (3% Aldara vs. 2% vehicle). Erythema was the most frequently reported local skin reaction. Severe local skin reactions reported by Aldara-treated subjects in the pediatric studies included erythema (28%), edema (8%), sca

<u>Topical</u> overdosing of Aldara Cream could result in an increased incidence of severe local skin reactions and may increase the risk for systemic reactions. The most clinically serious adverse event reported following multiple oral imiquimod doses of >200 mg (equivalent to imiquimod content of >16 packets) was hypotension, which resolved following oral or intravenous fluid administration.

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility In an oral (gavage) rat carcinogenicity study, imiquimod was administered to Wistar rats on a 2X/week (up to 6 mg/kg/day) or daily (3 mg/kg/day) dosing schedule for 24 months. No treatment related tumors were noted in the oral rat carcinogenicity study up to the highest dosse steated in this study of 6 mg/kg administered 2X/week in male rats (75X MRHD based on weekly AUC comparisons), 4 mg/kg administered 2X/week in male rats (75X MRHD based on weekly AUC comparisons), 1 a dermal mouse carcinogenicity study, imiquimod cream (up to 5 mg/kg/application imiquimod or 0.3% imiquimod cream) was applied to the backs of mice 3X/week for 24 months. A statistically significant increase in the incidence of liver adenomas and carcinomas was noted in high dose male mice compared to control male mice (251X MRHD based on weekly AUC comparisons). An increased number of skin papillomas was observed in vehicle cream control group animals at the treated site only. The quantitative composition of the vehicle cream used in the dermal mouse carcinogenicity study is the same as the vehicle cream used for Aldara Cream, minus the active moiety (imiquimod). In a 52-week dermal photococarcinogenicity study, the median time to onset of skin tumor formation was decreased in hairless mice following chronic topical dosing (3X/week; 40 weeks of treatment followed by 12 weeks of observation) with concurrent exposure to UV radiation (5 days per week) with the Aldara Cream vehicle alone. No additional effect on tumor development beyond the vehicle effect was noted with the addition of the active ingredient, imiquimod, to the vehicle cream. Imiquimod revealed no evidence of mutagenic or clastogenic potential based on the results of five in vitro genotoxicity tests (Arme sas, muse mythomona L5178Y assay, Chinese hamster ovary cell chromosome aberration assay, human lymphocyte chromosome aberration assay and SHE cell transformation assay) and three in vivo genotoxicity tests (arm and hamster 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility In an oral (gayage) rat carcinogenicity study



6204 0913 2 ed: November 2007 is a registered trademark of eway Pharmaceuticals, LLC

-Alicia Ault