Lawyer Takes Stand for Requests to Alter Records

BY CHRISTINE KILGORE Contributing Writer

he long-held perception that medical records should never be altered at a patient's request is quickly becoming erroneous, according to health lawyer and ethicist George Annas.

We can delete (items from the record), as long as we note that something has been deleted and who did it," said Mr. Annas, chairman of the department of health law, bioethics, and human rights at Boston University.

In a Webcast sponsored by the National Institutes of Health, he braced physicians for a future in which patients will increasingly ask them to correct, delete, or change items in the medical record that are either errors or items that they are concerned may pose harm to them.

The real reason patients don't ask to make deletions [now] is because most people don't look at their records," he said.

But with the advent of the Health Insurance Portability and Accountability Act (HIPAA), "now there's a federal right of access to medical records.'

Moreover, President Bush's current emphasis on electronic medical records (EMRs) embraces "the idea that patients should be in control," and patients are generally much more concerned about the content of electronic records than paper records, said Mr. Annas, who is also professor of sociomedical sciences and community medicine at Boston University.

The Bush administration has not addressed, in the context of its EMR proposals, whether "a patient [should] be able to delete accurate, factual information [from medical records]," he said.

The bottom line, however, is that "we're in the process of radically changing the medical record ... into the patient's record," Mr. Annas said.

There are "lots of mistakes in medical records," making it likely that many changes made in the future will address actual errors. Debate about other types of alterations will ensue, but under this new climate "you could argue that patients should be able to change anything," he told the physicians.

HIPAA addresses the issue of corrections to medical records, saying that "patients have a right to request corrections in the record, and if there's no response, they can write their own letter and have it added," Mr. Annas explained.

The physicians who attended the NIH session reviewed a case in which a patient presented at the National Institute of Neurological Diseases and Stroke to enroll in a sleep study. He had a chief complaint of insomnia but, during a visit with an NIH clinical social worker, he also reported symptoms of severe depression and a history of drug use.

The day after the social worker evaluated the 37-year-old unemployed man, he requested that the information entered in the computerized record be deleted. "He was vague in his request, but he was concerned that someone would illegally obtain access ... and use [the information] against him," said Elaine Chase, of the social work department at the NIH Clinical Center, Bethesda, Md.

Mr. Annas said that if he were the provider faced with this request, he would agree to delete the information most disconcerting to the patient. "And if he wanted it out of a paper record, I'd still say yes," though, in the interest of research integrity, the patient should then be excluded from the NIH study, he said.

He offered his verdict on the case example after a free-ranging discussion in which some physicians voiced concern that a move from "physician's record" to "patient's record" would hinder communication among providers.

"Part of the purpose [of the medical record] is it helps individuals plan care," said one physician. "So from this standpoint, you can't just delete things. ... Or if there's going to be a patient medical record, maybe there needs to be another record [for providers]," she said.

It's true, Mr. Annas said, that "defense attorneys still say today that your best defense is a complete medical record."

Still, physicians, overall, "take the record too seriously" and, although questions remain, they are going to have to be more willing to consider patient requests to alter the medical records, Mr. Annas told this newspaper.

Theoretically, at least, the doctor and patient should review the content of the record before the visit ends, he said.

Xopenex® (levalbuterol HCl) Inhalation Solution, 0.31 mg*, 0.63 mg*, 1.25 mg*

REF SUMMAY INDICATIONS AND USAGE: Xopenex (levalbuterol HCI) Inhalation Solution is indicated for the treatment or prevention of bronchospasm in adults, addiescents and children 6 years of age and older with reversible obstructive airway disease. CONTRAINICATIONS: Xopenex (levalbuterol HCI) Inhalation Solution is contraindicated in patients with a history of hypersensitivity to levalbuterol HCI or

CONTRAINDICATIONS: Xopenex (levalbuterol HCI) Inhilation Solution is contrainticated in puterins with a instory on hyper-activity of experimental activity. WARNINGS: 1. <u>Paradoxical Bronchospasm</u>: Like other inhaled beta-adrenergic agonists, Xopenex Inhilation Solution can produce paradoxical bronchospasm, which may be life threatening. If paradoxical bronchospasm occurs, Xopenex Inhilation Solution should be discontinued immediately and alternative therapy instituted. It should be recognized that paradoxical bronchospasm, when associated with inhaled formulations, frequently occurs with the first use of a new canister or via's. <u>Deterioration of Astima</u>, Asthum any deteriorate acutely over a period of hours or chronically over several days or longer. If the patient needs more doese of Xopenex Inhalation Solution than usual, this may be a marker of destabilization of asthma and requires reevaluation of the patient and treatment regimen, giving special consideration to the possible need for anti-inflammatory gateris. The use of beat-adherergic agonists throncholidators sione may not be adequate to control asthma in many patients. Early consideration should be given to adding anti-inflammatory ganets, e.g., corticosteroids, to the therapeutic regimen. 4. <u>Cardiosascular Effects</u>: Xopenex Inhalation Solution or and/or symptoms. Although such effects are uncommon after administration of Xopenex Inhalation Solution at recommended doese, if they courcile days in mark need to be discontinued. In addition, beta-agonists have been reported to produce EGG changes, such as fattering of the Twave prolongation of the proster beta-adrenergic agonists, have been reported to produce EGG changes, such as fattering of the Twave prolongation of the and/or symptoms. and/or symptoms. Although such effects are uncommon after administration of Xopenex inhibition Solution af recommended doess, if they occur, the drug may need to be discontinued. In addition, beta-agoints have been reported to produce EGC changes, such as fattenning of the T wave, profloadingion of the OT, interval, and ST segment depression. The clinical significance of these findings is unknown. Therefore, Xopenex Inhalation Solution, like all symptathomimetic amines, should be used with caution in patients with cardiovascular disorders, sepecially coronary insufficiency, cardiac arrythrinas, patients with asthma. The exact cause of death is unknown, but cardiac arrest following an unexpected development of a severe adult asthmatic crisis and subsequent hypoxia is suspected. 6. Immediate <u>Hypersensitivity Reactions</u>; Immediate hypersensitivity reactions may occur after administration of racemic adjutorio, as demostrated by rare cases of unctraint, angioderma, rash, bronchospaam, amaphydaxi, and orongharyngeal detma. The potential for hypersensitivity must be considered in the clinical evaluation of patients who experience immediate hypersensitivity reactions while receiving Xopenex Inhalation Solution.

Inhatation Solution. PRECAUTIONS: General Levalbuterol HCI, like all sympathomimetic amines, should be used with caution in patients with cardiovascular disorders, especially corranary insufficiency, hypertension, and cardiac arrhythmias; in patients with convulsive disorders, hyperthyroidism, or diabetes mellitus; and in patients who are unusually responsive to sympathomimetic amines. Clinically significant changes in systolic and disatolic blood pressure have been seen in individual patients and could be expected to occur in some patients after the use of any beta-adrenergic bronchodilator. Large doses of intravenous racemic albuterol have been reported to aggravate prevexisting diabetes mellius and ketoadiosis. As with other beta-adrenergic agoints, levabluterol may produce significant hypokalemia in some patients, possibly through intracellular shunting, which has the potential to produce adverse cardiovascular effects. The charcease is useful torogent on the contribution.

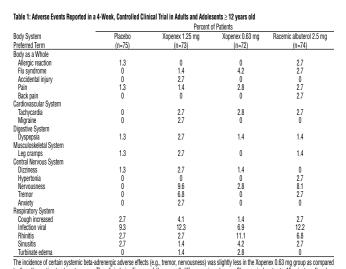
significant hypokalernia in some patients, possibly through intracellular shunting, which has the potential to produce adverse cardiovascular effects. The decrease is usually transient, not requiring supplementation. **Information of Patients** The action of Xopenet (velatiouterol HC) inhalation Solution may last up to 8 hours. Xopenet Inhalation Solution should not be used more frequently than recommended. Do not increase the dose or frequency of dosing of Xopenet Inhalation Solution without consulting your physicain. If use the product more frequently than usual, you should seek medical attention immediately. While you are taking Xopenet Inhalation Solution, other inhalad drugs and astima medications should be taken only as directed by your physicain. Common adverse effects include palplations, chert printale endacthe, dictases, and tremor or nervourses. If your are pregnant or nursing, contrad your physicain and the use of Xopenet (Inhalation Solution Solution Solution Solution Solution Solution Solution solute and satima medications found be taken only as directed by your physicain. Common adverse effects include palplations, chert pain, pain heart rate, theadache, dictases, and tremor or nervourses. If your are pregnant or nursing, contrad your physicain and but use of Xopenet Inhalation Solution Effective and safe use of Xopenet (Inhalation Solution requires consideration of the following information in addition to that expression Boult the expiration of the following information in addition to that expiration date stamped on the container. Unused vials should be stored in the protective foll pouch hove all 25°C (86°F and 77°F). Do not use after the expiration date stamped on the container. Unused vials should be stored in the protective foll pouch. Ince the foll pouch is opened, the vials should be used within no week. Discard any vial if the solutions in not colorless.

The drug compatibility (physical and chemical), efficacy, and safety of Xopenex Inhalation Solution when mixed with other drugs in a nebulizer have not been

established. Drug Interactions Other short-acting sympathomimetic aerosol bronchodilators or epinephrine should be used with caution with levalbuterol. If additional adrenergic drugs are to be administered by any route, they should be used with caution to avoid deleterious cardiovascular effects. 1. <u>Beta-blockers</u> Beta-adrenergic receptor blocking agents not only block the pulmonary effect of beta-agonists such as Xopenex (levalbuterol HCI) Inhalation Solution, but may also produce severe bronchospasm in asthmatic patients. Therefore, patients with asthma should not normally be treated with beta-

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 1. <u>Bet advectss</u>: Bet-adrenetic respective bioching agents not only block the pulmonary effect of beta-agonists such as Xopenex (lenal/utero II-10) Inhabition advective advective

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Inursing Mothers Plasma levels of the potential for tumorigenicity shown for racemic abuterol in animal studies and the lack of experience with the use of Xopenex Inhalation Solution by nursing mothers, a decision should be made whether to discontinue runsing or to discontinue the drug to the mother Caution should be exercised with Aspenex Inhalation Solution by nursing mothers, a decision should be made whether to discontinue runsing or to discontinue the drug to the mother Caution should be exercised with Aspenex Inhalation Solution starting waterow.
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Iutimitate elema The incidence of certain systemic beta-adrenergic adverse effects (e.g., tremor, nervousness) was slightly less in the Xopenex 0.63 mg group as compared to the other active treatment groups. The clinical significance of these small differences is unknown. Changes in heart rate 15 minutes after drug administration and in plasma glucose and polassium one hour after drug administration on day 1 and day 29 were clinically comparable in the Xopenex 0.63 mg group administration and in plasma glucose and polassium one hour after drug administration on day 1 and day 29 were clinically comparable in the Xopenex 0.63 mg group compared to the other active treatment groups (see **Table 2**). The clinical significance of these small differences is unknown. After 4 weeks, effects on heart rate, plasma glucose, and plasma polassium were generally diminished compared with day 1 in all active treatment groups. Table 2: Mean Changes from Baseline in Heart Rate at 15 Minutes and in Glucose and Potassium at 1 Hour after First Dose (Day 1) in Adults and

Adolescents ≥12 years old					
	Mean Changes (day 1)				
Treatment	Heart Rate (bpm)	Glucose (mg/dL)	Potassium (mEq/L)		
Xopenex 0.63 mg, n=72	2.4	4.6	-0.2		
Kopenex 1.25 mg, n=73	6.9	10.3	-0.3		
Racemic albuterol 2.5 mg, n=74	5.7	8.2	-0.3		
Placebo, n=75	-2.8	-0.2	-0.2		
a slightly greater number of serious adversa who received Xopenex 1.25 mg compared occurred in less than 2% of the 292 subjec	to the other active treatment groups	. The following adverse events, conside	red potentially related to Xopenex,		
Body as a Whole:		n, chest pain			
Cardiovascular System:	ECG abnormal, ECG change, hypertension, hypotension, syncope				
Digestive System:	diarrhea, dry mouth, dry throat, dyspepsia, gastroenteritis, nausea				
Hemic and Lymphatic System:	lymphadi				
Musculoskeletal System:		os, myalgia			
Nervous System:	anxiety, h	anxiety, hypesthesia of the hand, insomnia, paresthesia, tremor			
Special Senses:	eye itch				
The following events, considered potentially received placebo: asthma exacerbation, cou	gh increased, wheezing, sweating, a				

ADVERSE REACTIONS (Children 6 - 11 years old): Adverse events reported in ≥ 2% of patients in any treatment group and more frequently than in patients receiving placebo in a 3-week, controlled clinical trial are listed in Table 3.

Table 3: Most Frequently Reported Adverse Events (≥2% in Any Treatment Group) and More Frequently Than Placebo During the Double-Blind Period (ITT Population, 6 - 11 Years Old)

Body System Preferred Term	Percent of Patients					
	Placebo (n=59)	Xopenex 0.31 mg (n=66)	Xopenex 0.63 mg (n=67)	Racemic albuterol 1.25 mg (n=64)	Racemic albuterol 2.5 mg (n=60)	
Body as a Whole						
Abdominal pain	3.4	0	1.5	3.1	6.7	
Accidental injury	3.4	6.1	4.5	3.1	5.0	
Asthenia	0	3.0	3.0	1.6	1.7	
Fever	5.1	9.1	3.0	1.6	6.7	
Headache	8.5	7.6	11.9	9.4	3.3	
Pain	3.4	3.0	1.5	4.7	6.7	
Viral Infection	5.1	7.6	9.0	4.7	8.3	
Digestive System						
Diarrhea	0	1.5	6.0	1.6	0	
Hemic and Lymphatic						
Lymphadenopathy	0	3.0	0	1.6	0	
Musculoskeletal System						
Myalgia	0	0	1.5	1.6	3.3	
Respiratory System						
Asthma	5.1	9.1	9.0	6.3	10.0	
Pharyngitis	6.8	3.0	10.4	0	6.7	
Rhinitis	1.7	6.1	10.4	3.1	5.0	
Skin and Appendages						
Eczema	0	0	0	0	3.3	
Rash	Ó	Ó	7.5	1.6	0	
Urticaria	Ō	ō	3.0	0	Ō	
Special Senses						
Otitia Madia	17	٥	٥	0	2.2	

Note: Subjects may have more than one adverse event per body system and preferred term. Changes in heart rate, plasma glucose, and serum potassium are shown in Table 4. The clinical significance of these small differences is unknown.

Table 4: Mean Changes from Baseline in Heart Rate at 30 Minutes and in Glucose and Potassium at 1 Hour after First Dose (Day 1) and Last Dose (Day 21) in Children 6-11 years old

	Mean Changes (Day 1)			
Treatment	Heart Rate (bpm)	Glucose (mg/dL)	Potassium (mEg/L	
Kopenex 0.31 mg, n=66	0.8	4.9	-0.31	
Kopenex 0.63 mg, n=67	6.7	5.2	-0.36	
Racemic albuterol 1.25 mg, n=64	6.4	8.0	-0.27	
Racemic albuterol 2.5 mg, n=60	10.9	10.8	-0.56	
Placebo, n=59	-1.8	0.6	-0.05	
	Mean Changes (Day 21)			
Treatment	Heart Rate (bpm)	Glucose (mg/dL)	Potassium (mEg/L	
Kopenex 0.31 mg, n=60	0	2.6	-0.32	
Kopenex 0.63 mg, n=66	3.8	5.8	-0.34	
Racemic albuterol 1.25 mg, n=62	5.8	1.7	-0.18	
Racemic albuterol 2.5 mg, n=54	5.7	11.8	-0.26	
Placebo, n=55	-1.7	1.1	-0.04	

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