Dan Henderson, a medical student at

ACGME Feels Heat on Work Hours Restrictions

BY ALICIA AULT

new advocacy coalition is putting pressure on the Accreditation Council for Graduate Medical Education to speed up its process of developing new recommendations on work hour restrictions for residents, and to closely follow the Institute of Medicine's recommendations by further reducing hours.

BRIEF SUMMARY - Consult full prescribing information before use.

PENNSAID (diclofenac sodium topical solution) 1.5% w/w is for topical use only. Initial U.S. Approval: 1988

WARNING: CARDIOVASCULAR AND GASTROINTESTINAL RISK

50

- radiovascular Risk Nonsteroidal anti-inflammatory drugs (NSAIDs) may cause an increased risk of serious cardiovascular thrombotic events, myocardial infarction, and stroke, which can be fatal. This risk may increase with duration of use. Patients with cardiovascular disease or risk factors for cardiovascular disease may be at greater risk (see Warnings and Precautions (5.1)).
- PENNSAID is contraindicated in the perioperative setting of coronary artery bypass graft (CABG) surgery [see Contraindications (4)].

astrointestimal Risk NSADs cause an increased risk of serious gastrointestinal adverse events including bleeding, ulceration, and perforation of the stomach or intestimes, which can be fatal. These events can occur at any time during use and without warning symptoms. Elderby patients are at greater risk for serious gastrointestinal events *[see Warnings and Precautions (S.2)*].

CONTRAINDICATIONS PENNSAID is contraindicated in patients with a known hypersensitivity to diclofenac sodium or any other component of PENNSAID. Component or Environm. PENNSAID is contraindicated in patients who have experienced asthma, urticaria, or allergic-type reactions after taking aspirin or other NSAIDs. Severe, rarely fatal, anaphylactic-like reactions to NSAIDs have been reported in such patients [see Warnings and Precautions (5.7, 5.10]].

PENNSAID is contraindicated in the setting of coronary artery bypass graft (CABG) surgery [see Warnings and Precoutions (5.1]].

WARNINGS AND PRECAUTIONS Cardiovascular Thrombotic Events Linical trias of several oral COC-2 selective and nonselective NSAIDs of up to three years duration have shown an increased info 6 serious cardiovascular (CV) thrombotic events, myocardial infarction (MI), and stroke, which can be fatal. All NSAIDs, including PENIVSAID and COX-2 selective and honselective orally administered NSAIDs, may have a similar trik. Pattents with honow CV disease or factors for CV disease may be at greater risk. In minimize the potential risk for an adverse CV event in patients treated with an may be algreater (nst. In minimize the potentian runs for an arows ex correction un potentian breaken when on ISAID, use the lowest effective dose for the shortest duration possible. Physicians and patients should remain alert for the development of such events, even in the absence of previous. CV symptoms. Inform patients about the signs and/or symptoms of serious CV events and the steps to take if they occur. patients about the signs and/or symptoms of serious CV events and the steps to take if they occur. Two large, controlled, clinical trials of an orally administered COX-2 selective ISAID for the treatment of pain in the first 10 to 14 days following (ABG surgery found an increased incidence of myocardial infarction and stroke [see Contraindications (4]].

and stroke (see Contraindications (4)). There is no consistent evidence that concurrent use of aspirin mitigates the increased risk of serious (V thormbotic events associated with IKAID use. The concurrent use of aspirin and IKAIDs, such as didofenac, does increase the risk of serious G levents (see Warnings and Percaritons (5.2)). Gastrointestinal Effects – Risk of GI Ulceration, Bleeding, and Percoration IKAIDs, including didofenac, can cause serious gastrointestinal (GI) adverse events including bleeding, ulceration, and perforation of the stomach, small intestine, or large intestine, which can be fall. These serious adverse events can occur at any time, with or withbout warning symptoms, in patients treated with IKAIDs. Doing on in five patients who develop a serious super GI adverse event on IKAID therapy is symptomatic. Upper GI ulcers, gross bleeding, or perforation caused by IKAIDs occur in approximately 1% op failents treated for 3 to 6 months, and in about 2 to 4% of patients treated for one year. These trends continue with longer duration of use, increasing the likelihood of developing a serious GI event at some time during the course of therapy. However, who hereme caution in those with a park history of ulcer disease

Prescribe NSAIDs, including PENNSAID, with extreme caution in those with a prior history of ulcer diseas exture routes including i chroning, which careful exturbing the second of the second s to patients with neither of these risk factors. Other factors that increase the risk of GI bleeding in patient treated with NSAIDs include concomitant use of oral corticosteroids or anticoagulants, longer duration of NSAID theragy, romking, use of alcohol, older age, and poor general health status. Most spontaneous reports of fatal GI events are in elderly or debilitated patients and therefore, use special care when treating

the population. To minimize the potential risk for an adverse GI event, use the lowest effective dose for the shortest possible duration. Remain alert for signs and symptoms of GI ulceration and bleeding during diciderac therapy and pomptly initiate additional evaluation and treatment if a serious GI adverse event is suspected. For high-risk patients, consider alternate therapies that do not involve NSAIDs.

rsk patents, consider alternate therapies that do not involve NSAIDs. **Hepatic Effects** Borderline elevations (liess than 3 times the upper limit of the normal (UUI) range) or greater elevations of transmisses occurred in about 15% of oral dickforeac-treated patients in clinical trials of indications other than acute pain. Of the markers of hepatic function, ALT (SGPT) is recommended for the monitoring of their high sectors.

n clinical trials of an oral diclofenac-misoprostol combination product, meaningful elevations (i.e., mor than 3 times the ULN) of AST (SGOT) occurred in about 2% of approximately 5,700 patients at some time during diclofenac treatment (ALT was not measured in all studies).

during didofenac treatment (ALI was not measured in all studies). In an open-label, controlled trial of 3,700 patients treated for 2 to 6 months, patients with roal didofenac were monitored dpains for at 8 weeks and 1.200 patients were monitored again at 24 weeks. Meaningful elevations of ALI and/or AST occurred in about 4% of the 3,700 patients and included marked elevations (>8 times the ULI) in about 1% of the 3,700 patients. In this open-label study, a higher incidence of borderine (less than 3 times the ULI), more trues the ULI), and marked (>8 times the ULI) elevations of ALI or AST was observed in patients receiving didofenac when compared to other (KSMDs). Elevations in transminasse were seem one frequently in patients with obsearchinis than in those with theumatical arthritis. Almost all meaningful elevations in transminases were detected before patients became symptomatic. In all thas who developed marked transminase elevations. In postmarketing reports, cases of drug-induced heaptoticity have how no record in the fore than the set with and the set of the site socured during the first 2 months of therapy with oral didofenac in 42 of the 51 patients in all trials who developed marked transminase elevations. In postmarketing reports, cases of drug-induced heaptoticity have how no record in the fore than the set of the site of the

Il trials who developed marked transaminase elevations. In postmarketing reports, cases of drug-iced hepatotoxicity have been reported in the first month, and in some cases, the first 2 months of . NSAID therapy

Posture uneapp. Postmarketing surveillance has reported cases of severe hepatic reactions, including liver necrosis, jaundice, fultiminant hepatitis with and without jaundice, and liver failure. Some of these reported cases resulted in fatalities or liver transplantation.

resulted in talaines or inver transplantation. In a furgonen retrospective population-based, case-controlled study, 10 cases of oral dicioferaa casociated drug-induced liver injury with current use compared with non-use of diclofenac were associated with a statistically significant 4-fold adjusted odds ratio of liver injury. In this particular study, based on an overall number of 10 cases of liver injury associated with dicloferanc the adjusted odds ratio of liversed further with female gender, doses of 150 mg or more, and duration of use for more then 90 days.

Temale gender, dosse of 150 mg or more, and duration of use to more then 90 days. Measure transaminases (ALT and AST) periodically in patients receiving long-term therapy with diclofenac, because severe hepatotaxicity may develop without a prodome of distinguishing symptoms. The optimum times for making the first and subsequent transaminase measurements are not known. Based on clinical trial data and postmateting experimers, monitor transaminases within 1 40 a Wesh Safer initialing treatment with diclofenac. However, severe hepatic reactions can occur at any time during treatment with diclofenac (1 abnormal liver tests persist or worsen, if dimical signs and/or symptoms consistent with inver disease develop, or if systemic and relations occur (e.g., essiophilia, rash, abdominal pain, diartnea, dark uning, etc.), discontinue PEUNSADI immediately.

aark unne, etc.), discontinue PENISAID immediately. To minimize the possibility that hegatic injury will become severe between transaminase measurements, inform patients of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, diarthe, porturits, Jaundic, right upper quadrant tenderexa, and fluilule' symptoms), and the appropriate action to take if these signs and symptoms appear. To minimize the potential risk for an adverse lever-related event in patients treated with PENISAID, use the lowest effective dose for the shortest duration possible. Exercise caution when prescribing PENISAID with concontiant drugs that are known to be potentially hepatotoxic (e.g., acetaminophen, certain antibiotics, miteripleiptics). Guito patients to avoid taking upprescribed acetaminophen while using PENISAID. **Wypertension**

Hypertension MSADs, including diclofenac, can lead to new onset or worsening of preexisting hypertension, either of which may contribute to the increased incidence of CV events. Use NSADs, including PENNSAD, with caution in patients with hypertension. Monitor blood pressure (8P) closely during the initiation of NSAD treatment and throughout the course of therapy. Patients taking AC4: Inhibitors, thiazides or loop diuretics may have impaired response to these therapies when taking NSADs.

The coalition, led by Public Citizen, sent a letter to Dr. Thomas J. Nasca, ACGME's executive director, urging the accrediting body to adopt rules that aim to reduce sleep deprivation and to better protect patients, Dr. Sidney Wolfe, director of Public Citizen's Health Research Group, said in a briefing with reporters. "The available evidence suggests that the public is deeply concerned about the current work hours of medical resi-

dents," as stated in the letter to Dr. Nasca. The letter is posted at www.wakeupdoctor.org.

At the briefing, Dr. John Ingell, a surgical resident at the University of New Mexico, Albuquerque, said that he noticed he became less compassionate when severely fatigued. Concentration also suffered, said Dr. Ingell, who is on the board of the Service Employees International Union's medical resident section.

Special Senses: abnormal vision, blurred vision, cataract, ear pain, eye disorder, eye pain, taste perversion

Anticoagulants The effects of anticoagulants such as warfarin and NSAIDs on GI bleeding are synergistic, such that users of both drugs together have a risk of serious GI bleeding higher than users of either drug alone.

ACE-Inhibitors NSAIDs may diminish the antihypertensive effect of angiotensin converting enzyme (ACE) inhibitors Consider this interaction in patients taking NSAIDs concomitantly with ACE-inhibitors.

Diaretics (Cinical studies, as well as postmarketing observations, have shown that NSAIDs can reduce the natriuretic effect of fruorsemide and thizaids in some patients. The response has been attributed to inhibition of renal prostaglandin synthesis. During concornizant theapy with KIAOs, observe the patient closely for signs of renal failure (see Warnings and Precuruions (5.6)), as well as to assure diaretic efficacy.

NAME ISANDS have produced an elevation of plasma lithium levels and a reduction in renal lithium clastance. The mean minimum lithium concentration increased 15% and the renal clearance was decreased by appoximately 20%. These effects have been attributed to inhibition of renal prostaglandin synthesis by the ISAND. Thus, when ISANDs, including dicidenca, and inhium are administered concurrently, betwetnerstarks and the intervention of the

lethotrexate SAIDs have been reported to competitively inhibit methotrexate accumulation in rabbit kidney slices. This say indicate that they could enhance the toxicity of methotrexate. Use caution when NSAIDs, including iclofenac, are administered concomitantly with methotrexate.

Cyclosporine Dioforeac, like other NSAIDs, may affect renal prostaglandins and increase the toxicity of certain drugs. Therefore, concommant therapy with dioforeanc may increase cyclosporine's nephrotoxicity. Use caution when didofenac is administered concomitantly with cyclosporine.

when alocitatic is administered concomitantly with cyclosponne. Oral Nonsteroidal Anti-Inflammatory Drugs Concomitant use of oral ISAIDs with PENISAID has been evaluated in one Phase 3 controlled trial and in combination with oral dicklena, compared to oral dicklena; alone, resulted in a higher rate of rectal hemorthage (3% vs. less than 1%), and more frequent abnord reactinine (12% vs. 7%), unra (20% vs. 12%) and hemoglobin (13% vs. 9%). Therefore, do not use combination therapy with PENISAID and an oral NSAID unless the benefit outweighs the risk and conduct periodic laboratory evaluations.

Topical Treatments Instruct patients that before applying sunscreen, insect repellant, lotion, moisturizer, cosmetics, or other topical medication to the same skin surface of the knee treated with PENISAID, they must wait until the

USE IN SPECIFIC POPULATIONS

potential teratopenicity. Nonteratogonic Effects: In rats, maternally toxic doses of diclofenac were associated with dystocia, prolonged gestation, reduced fetal weights and growth, and reduced fetal survival. Labor and Delivery In deffects of PRIMSAID on labor and delivery in pregnant women are unknown. In rat studies maternal exposure to diclofenac, as with other NSAID drugs, known to inhibit postaglandin synthesis, increased the incidence of dystocia, delayed parturition, and decreased offspring survival. Muscine Mathers

Incourse or options accessed and accessed and accessed in human milk however, there is a case report in the literature indicating that didofenac can be detected at low levels in breast milk. Because many drugs are excreted in human milk and because of the potential for serious adverse reactions in nursing infants from PENISAID, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother.

Geniatric Use Of the 911 patients treated with PENIXSAID in seven controlled, Phase 3 dinical trials, 444 subjects were 65 years of age and over. There was no age-related difference in the incidence of adverse versits. Of the 793 patients treated with PENIXSAID none open-labeled safety trial, 334 subjects were 65 years of age and over including 107 subjects 73 and over. There was no adfremene in the indiverse of adverse events with long-term exposure to PENIXSAID for this elderly population. As with any IXSAID, use caution in treating the elderly (65 years and older) and it may be useful to monitor renal function since they are more likely to have decreased baseline renal function.

OVERDOSAGE There have been no known experiences of overdose with PENNSAID. Symptoms following actic NSAID overdose are usually limited to lethargy, drowsiness, nausea, vomiting, and epigastric pain, which are generally reversible with supportive care. Gastrointestinal bleeding an occur: Hyperension, acute renal adiarue, respiratory degression and coma may occur, but are rare. Anaphylactoid reactions have been reported with therapeutic ingestion of NSAIDs, and may occur following an overdose.

following an overdose. There are no specific and supportive care following an NSAID overdose. There are no specific antiotex. Emessis not recommended due to a possibility of aspiration and subsequent respiratory initiation by DMSO contained in PBINSAID. Activated sharcal (60 to 100 gin adults, 10 z0 g/sig in cilitari add/or asmotic cathartic may be indicated in patients seew within 4 hours of ingestion with symptoms or following a large overdose (5 to 10 times the usual dose). Forced diureis, alkalinization of urine, hemolapiss, or hemoperfusion may not be usual dose). Forced diureis, alkalinization of urine, hemolapiss, or hemoperfusion may not be usual dose). Forced more start of the patient of the patient in the more start of the start of t

For additional information about overdose treatment, call a poison control center (1-800-222-1222).

Distributed by: Mallinckrodt Brand Pharmaceuticals, Inc. Hazelwood, MO 63042 USA

Nuvo Manufacturing Varennes, Quebec, J3X 1P7 Canada

Mallinckrodt

COVIDIEN, COVIDIEN with logo and Covidien logo are U.S. and/or internationally registered trademarks of Covidien AG. PENNSAID is a trademark of Nuvo Research Inc. Other brands are trademarks of their

Issued 01/2010

COVIDIEN"

Pediatric Use Safety and effectiveness in pediatric patients have not been established.

Pregnancy Pregnancy Category C prior to 30 weeks gestation; Category D starting 30 weeks gestation.

Metabolic and Nutritional: creatinine increased Masculaskeletal: leg cramps, myalgia Nervous: depression, dizziness, drowsiness, lethargy, paresthesia, paresthesia at application site Respiratory: asthma, dyspnea, Jaryngismus, laryngitis, lpharyngitis Skin and Appendages: At the Application Site: contact dermatitis, contact dermatitis with vesicles, dy skin, puritus, astb, Other Skin and Appendages Adverse Reactions: eczema, rash, puritus, skin discoloration, urticaria Congestive Heart Failure and Edema Fluid retention and edema have been observed in some patients treated with NSAIDs, including PENNSAID. Use PENNSAID with caution in patients with fluid retention or heart failure.

Lithium

topical medication to the same treated area is completely dry.

evelopment otential tera

Geriatric Use

Renal Effects

Use caution when initiating treatment with PENNSAID in patients with considerable dehydration Use caluton when initiating reaching with the sensite of the real applicity necessite derivation. Long-term administration of NANDs has resulted in real applicity necessis and other renal injury. Renal toxicity has also been seen in patients in whom renal prostaglandins have a compensatory role in the maintenance of renal perfusion. In these patients, administration of an NSAID may cause a dose-dependent reduction in prostaglandin formation and, secondarily, in renal blood flow, which may precipitate overt renal decompensation. Patients at greatest risk of this reaction are those with impaired renal function, heart failure, live dysfunction, those taking diruteris and AC-inhibitors, and the elderly. Discontinuation of NSAID therapy is usually followed by recovery to the pretreatment state.

Information is available from controlled clinical studies regarding the use of PENISAID in patients with Advanced renal disease. Therefore, treatment with PENISAID is not recommended in patients with advanced renal disease. If PENISAID therapy is initiated, close monitoring of the patient's renal function is advisable.

Performance in transfer and the second secon

Precations (5.10), Seek emergency help in CaSes winer an anginyma.com reaction socials Skin Reactions Donot applyPENISAID to open skin wounds, infections, inflammations, or exfoliative dermatitis, as it may affect absorption and tolerability of the drug. NSADs, including PENISAID, can cause serious skin adverse events such as exfoliative dermatitis, Stevens-Johnson Syndrome (SS), and toxic epidemal necrolysis (TEN), which can be fatal. These serious events may occur without warning. Inform patients about the signs and symptoms of serious skin manifestations, and discontinue use of the drug at the first appearance of skin rash or any other signs of hypersensitivity.

Pregnancy PENNSAID should not be used by pregnant or nursing women or those intending to become pregnant.

Prensiting Astima Precisiting Astima Patients with asthma may have aspirin-sensitive asthma. The use of aspirin in patients with aspirin-sensitive asthma has been associated with severe bronchospasm, which can be fatal. Since ross-reactivity, including bronchospasm, between aspirin and other nonsteroidal anti-inflammatory drugs has been reported in such aspirin-sensitive patients, do not administer PENISAID to patients with this form of aspirin sensitivity and use with caution in patients with preexisting asthma.

aspun scientury on a service and a service of the s

Eye Exposure Avoid contact of PENNSAID with eyes and mucosa. Advise patients that if eye contact occurs, immediately wash out the eye with water or saline and consult a physician if irritation persists for more than an hour.

Consultation of the second sec

Conclusteroid Treatment PENISAID cannot be expected to substitute for corticosteroids or to treat corticosteroid insufficiency. Abrupt discontinuation of corticosteroids may lead to exacerbation of corticosteroid-response illness. For patients on prolonged corticosteroid therapy, taper slowly if a decision is made to discontinue corticosteroids.

nation Inflammation The pharmacological activity of PENNSAID in reducing inflammation, and possibly fever, may diminish the utility of these diagnostic signs in detecting complications of presumed noninfectious, painful conditions.

The pharmatourgue accurry and a complexity of the pharmatourgue accuracy and a complexity of the constraints of presume normaccurve, present Hematological Effects The effects of PENISAD on platelet function were studied in 10 healthy subjects administered 80 drops for times a day for 7 days. There was no significant change in platelet aggregation following one week of treatment [see *Clinical Pharmacology (12.4)]*. Anemia is sometime seen in platent receiving ISADDs. This may be due to fluid retention, occult or gross of blood loss, or an incompletely described effect upon erythropoiesis. Check hemoglobin or hematorit of patients on PENNSADD if they exhibit any signs or symptoms of anemia or blood loss. ISADDs inhibit platelet aggregation and have been shown to prolong bleeding time in some patients. Unlike agains, their effect on platelet function is quantitatively less, of shorter duration and reversible. Carefully montory patients receiving PENNSAD who may be adversely affected by alterations in platelet function, such as those with coagulation disorders or patients receiving anticoagulants.

Monitoring Secause serious GI tract ulcerations and bleeding can occur without warning uccators serious or tract uccerations and bleeding can occur without warning symptoms in patients taking NADDs, monitor patients for signs or symptoms of G bleeding. Check CBC and a chemistry profile periodically in patients on long-term treatment with NSAIDs. Discontinue PENNSAID if abnormal liver tests or renal tests period to worsen.

ADVERSE REACTIONS

Clinical Studies Experience Because dinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

nor retiect the rates observed in practice. The data described below reflect exposure to PENISAID of 911 patients treated between 4 and 12 weeks (mean duration of 49 days) in seven Phase 3 controlled trials, as well as exposure of 733 patients treated in a open-label tudy, including 463 patients treated for at least of montixs, and 144 patients treated for at least 12 months. The population mean age was approximately 60 years, 89% of patients treated for at least, 64% were females, and all patients thad primary osteaarthritis. The most common adverse events with PENIAGNU were application site skin reactions. These events were the most common reason for withdrawing from the studies.

<u>Application site reactions</u>: In controlled trials, the most common treatment-related adverse events in patients receiving PENISAIL were application site skin reactions. Application site reactions were characterized by one or more of the In the providence of the second secon c) yours an anomalous of a set of a

Winnin the instruments of exposite (caung to a windows in a constraint) and a set of an approximation are created with Algest events common the KSMJ Oceas. In controlled trials, subjects treated with PENISAID Repetition and events associated with the ISAID class more frequently than subjects using placebo (constipation, diarhea, dyspepsia, nausea, Ratulence, abdominal pain, edema). The combination of PENISAID and oral diadofensa, compared to oral Ratulence, abdominal pain, edema). didofenac alone, resulted in a higher rate of rectal hemorrhage (3% vs. less than 1%), and more frequent abnormal creatinine (12% vs. 7%), urea (20% vs. 12%), and hemoglobin (13% vs. 9%), but no difference in elevation of liver transaminase.

lowing adverse reactions occur in \geq 1% of patients receiving PENNSAID, where the rate in the AID group exceeded placebo, from seven controlled studies conducted in nations with octeorarthetic PENNSAID group exceeded placebo, from seven controlled studies conducted in patients with osteoarthritis. Since these trials were of different durations, these percentages do not capture cumulative rates of courtence: by Sin (Application Site); Contact Dematistic (Application Site); Opsepais; Abdominal Pain; Flatulence; Pruntus (Application Site); Contact Dematistic (Application Site); Opsepais; Abdominal Pain; Flatulence; Pruntus (Application Site); Diarrhea; Nausea; Pharyngitis; Constipation; Edema; Rash (Non-Application Site); Infection; Ecchymosis; Dry Shin (Non-Application Site); Sontact Dematistis, vesicle Application Site); Paresthesia (Non-Application Site); Accidental Injury; Prurtus (Non-Application Site); Sinustis; Halitosis; and Application Site); Kacidental Injury; Prurtus Non-Application Site); Sinustis; Halitosis; and Application Site; Sinustis; Halitosis; Application Site; Sinustis; Halitosis; Application Site; Sinustis; Halitosis; Application Site; Sinustis; Application Site; Sinustis; Application Site; Sinustis; Application Site; Sinustis; App

ribing information, Section 6.1 for a table showing the actual nu

Postmarketing Experience In non-US postmarketing surveillance, the following adverse reactions have been reported during post-approval use of PENISAID. 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 reliabilish on encourse.

ur uncertaim suce, it is not anivoys possible to reliably estimate their frequency or establish a causal relationship to drug exposure. Body as UMode: abdominal pain, accidental injury, allergic reaction, asthenia, back pain, body odor, chest pain, edema, face edema, halitosis, headache, lack of drug effect, neck rigidity, pain Cardiovascular disorder Digestive: diarrhea, dry mouth, dysepsia, gastroenteritis, decreased appetite, mouth ulceration, nausea, rectal hemortheage, ulcrative stomatiis

the University of Connecticut, Farmington, said that at the time, he was proud to work 12 hours or more a day or a 30hour continuous shift on his surgical rotation. Now, he feels "ashamed," because he realizes that such efforts did not improve his education and also had a negative effect on his feelings for patients.

He said he supported the limit on work hours recommended by the IOM in 2008. The IOM urged a reduction from 30-hour shifts to shifts lasting no longer than 16 hours. "I really think medicine needs a wake-up call and needs to move into the 21st century," said Mr. Henderson.

The ACGME had planned on reviewing the work hours 5 years after they were first reduced, which happened to coincide with the IOM's report, said Dr. Nasca in an interview. The 16-member Duty Hours Task Force has been meeting since last July. New draft standards

The current ACGME standards are widely flouted. Findings from confidential surveys of residents have shown 'widespread falsification' by trainees of actual work hours.

are likely to be issued by late April, and will then be available for public comment for 45 days, he said.

At the briefing, Dr. Charles A. Czeisler, professor of sleep medicine at Harvard Medical School, Boston, said that the current ACGME standards are widely flouted. He said confidential surveys of residents have shown "widespread falsification" by trainees on their actual work hours. Dr. Nasca responded that his organization was an educational accreditor, 'not an employment regulator.'

Added Dr. Nasca, "Our goal is to ensure substantial compliance with the regulations.'

There is a tension between the educational mission, safety, and other factors, acknowledged Dr. Nasca, adding that this is why the Duty Hours Task Force had gathered evidence and opinions from more than 140 organizations.

"There's a constant balance we have to take between setting realistic expectations for how residents are scheduled for duty and the expectations that programs comply with those, coupled with the desire to inculcate in physicians a sense of personal responsibility for the safety and care of each individual patient," said Dr. Nasca.

The risk of fatigue also has to be balanced against the risk of increased errors when patients are handed off to an increasing number of caregivers, he said. The evidence is conflicting on whether reduced work hours improves patient safety, added Dr. Nasca.

However, he said he welcomed the new group's attention to work hours. "This is an important issue for the public to understand," Dr. Nasca said.