Which Comes First, Chronic Pain or Depression?

BY SHERRY BOSCHERT

San Francisco Bureau

SAN DIEGO — When chronic pain and depression coexist, treat the patient under the assumption that the pain is causing the depression, not the reverse, Rollin M. Gallagher, M.D., said at a psychopharmacology congress sponsored by the Neuroscience Education Institute.

Studies have shown that pain precedes depression in a majority of patients who

have both, he said. That said, depression or an anxiety disorder can intensify a patient's perception of pain.

Physicians need to ensure that patients with pain and depression get referred to pain specialists or psychiatrists early, said Dr. Gallagher, director of pain medicine at Philadelphia Veterans Affairs Medical Center and professor of psychiatry and anesthesiology at the University of Pennsylvania, Philadelphia.

Treatment that improves both physical

and affective symptoms provides the best chance of remission of depression.

Keep an eye out for pain in patients treated for depression, he added. Someone with a history of recurrent depression is prone to relapse soon after the onset of pain. "You need to treat the pain right away," Dr. Gallagher said.

Unexplained somatic symptoms, including pain, were the chief complaints among 69% of 1,146 patients who met the criteria for major depression, one international study found (N. Engl. J. Med. 1999:341:1329-35)

"Probably all of these patients have disorders of the sensory nervous system that you don't find on the typical physical exam but that you could see if you did imaging studies of the brain," he said.

It's estimated that 30%-60% of depressed patients have pain, according to both clinical and population-based studies. Conversely, about two-thirds of patients with chronic pain conditions have a lifetime history of major depressive disorder.

Physical symptoms and depression are linked across cultures, which suggests that physical symptoms are as much a core part of depressive disorder as sleeplessness, depressed mood, and apathy. Pain associated with depression is more common in women than in men.

A study comparing 248 depressed patients in primary care with 794 nondepressed patients found that depressed patients were significantly more likely to have fatigue, sleep disturbance, more than three complaints, and a variety of pain



'You need to treat the pain right away' in patients with recurrent depression, to prevent relapse.

DR. GALLAGHER

complaints. Nonspecific musculoskeletal complaints and back pain especially are tip-offs that a patient may be depressed.

Psychiatrists and family physicians usually excel in looking for depression in patients with physical complaints, but other specialists often overlook the depression, Dr. Gallagher said.

He suggested routinely asking patients with physical complaints a couple of questions that are helpful to screen for depression: "Are you depressed most days, or have you been depressed most of the time in the last 2 weeks? Are you interested in doing the things you normally do?" While not specific for depression, these questions are quite sensitive in identifying patients who deserve further work-up for possible depression, studies have shown.

Dr. Gallagher described a 75-year-old woman whose grown children were considering placing her in a nursing home because she seemed confused and depressed, and would not leave her house. In an evaluation, Dr. Gallagher found no new disease, but she did have osteoarthritis in her knees, hip, and spine; spinal stenosis associated with corrective surgery for scoliosis; and brachial plexopathy following prior mastectomy and radiation for breast cancer. She was in severe pain, was quite depressed, and was wasting away.

He hospitalized her, treated the pain with a fentanyl patch and IV morphine, started an antidepressant, and 4 days later transferred her to a step-down clinic where she started physical therapy. She went home 10 days later with pain medications and an antidepressant, and has lived independently for the past 5 years.

References: 1. Data on file. Pfizer Inc., New York, NY. 2. IMS Health Inc; May 2004.

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LPITOR® (Aprovatatic Calcium) tables

Brief Sammary of Prescribing Information

CONTRAINGENDS. Active ber design or unexplained parasters elevations of serum transminases. Hypersonatory to any component of this medication. Pregiancy and Lectation — Atherecellorosis is on the actions of Important Transminases. Hypersonatory to any component of this medication. Pregiancy and Lectation — Atherecellorosis is on the actions of Important Transminases. Hypersonatory to any component of this medication. Pregiancy and Lectation — Atherecellorosis is on the actions of Important Transminases. Programment of the Control of Important Transminases. Programment of the Control of Important Transminases. Programment of the Control of Important Transminases. Programment Transminases

development was delayed (rotorod performance at 100 mg/kg/day and acoustic startle at 225 mg/kg/day, pinnae detachment and eye opening at 225 mg/kg/day). These doses correspond to 6 times 1100 mg/kg/day, pinnae detachment and eye opening at 225 mg/kg/day). These doses correspond to 6 times 1100 mg/kg/day 21 times (225 mg/kg/db) mg/day. The proports of congenital anomalies have been received following intrauterine exposure to HMG-CoA reductase inhibitors. There has been one report of severe congenital bony deforming it recheo-esophaged listula, and an all artises (VAITER association) in a baby born to a woman who took (voastatin with devtoamphetamine sulfate during the first trimester of pregnancy. LIPTIOR should be administered to women of child-bearing potential only when such patients are highly unliked to conceive and have been informed of the potential hazards. If the woman becomes pregnant while taking IPTIOR, it is doubted be discontinued and the patient advised gain as to the operantial hazards to the four IPTIOR in the control of the description of the potential hazards of the four IPTIOR, it is doubted be discontinued and the patient advised gain as to the operantial hazards to the four IPTIOR in the most of the season of the patients of the patients of the patients.

Nursing Mothers — Nursing rat pus had plasma and five drug levels of 50% and 40%, respectively, of that in their mother's mik. Because of the tentention of solverse reactions in nursing intents, women taking LIPTIOR had an adverse experience so stemalial hypercholesterolemia have been evaluated in a controlled clinical trial of 6 months duration in adolescent boys and postemanical girls. Patients treated with LIPTIOR had an adverse experiences observed in both groups, regardless of causally assessment, were infections. Doses greater than 20 mg have not been studied in this patient population. In this limited controlled study, there was no detectable effect on growth or sexual maturation in boys or on menstrale cycle length in girls (see C Adverse Events in Placebo-Controlled Studies (% of Patients)

BODY SYSTEM	Placebo	Atorvastatin	Atorvastatin	Atorvastatin	Atorvastatin
Adverse Event		10 mg N = 863	20 mg N = 36	40 mg N = 79	80 mg N = 94
	N = 270				
BODY AS A WHOLE					
Infection	10.0	10.3	2.8	10.1	7.4
Headache	7.0	5.4	16.7	2.5	6.4
Accidental Injury	3.7	4.2	0.0	1.3	3.2
Flu Syndrome	1.9	2.2	0.0	2.5	3.2
Abdominal Pain	0.7	2.8	0.0	3.8	2.1
Back Pain	3.0	2.8	0.0	3.8	1.1
Allergic Reaction	2.6	0.9	2.8	1.3	0.0
Asthenia	1.9	2.2	0.0	3.8	0.0
DIGESTIVE SYSTEM					
Constipation	1.8	2.1	0.0	2.5	1.1
Diarrhea	1.5	2.7	0.0	3.8	5.3
Dyspepsia	4.1	2.3	2.8	1.3	2.1
Flatulence	3.3	2.1	2.8	1.3	1.1
RESPIRATORY SYSTEM					
Sinusitis	2.6	2.8	0.0	2.5	6.4
Pharyngitis	1.5	2.5	0.0	1.3	2.1
SKIN AND APPENDAGES					
Rash	0.7	3.9	2.8	3.8	1.1
MUSCULOSKELETAL SYSTEM					
Arthra l gia	1.5	2.0	0.0	5.1	0.0
Myalgia	1.1	3.2	5.6	1.3	0.0

Arthralgia

1.5

2.0

Myalgia

1.5

3.0

Anglo-Scandinavian Cardiac Outcomes Trial (ASCOT)—In ASCOT (see CLINICAL PHARMACOLOGY, Clinical Studies in full prescribing information) involving 10,305 participants treated with LIPITOR 10 mg daily (n=5,168) or placebo (n=5,137), the safety and tolerability profile of the group treated with LIPITOR was comparable to that of the group treated with placebo during a median of 3.3 years of follow-up.

The following adverse events were reported, regardless of causality assessment in patients treated with atorvastatin in clinical trials. The events in italics occurred in 22% of patients.

Body as a Whole: Chest pain, face edema, fever, neck rigidity, malaise, photosensitivity reaction, generalized detema. Digestive System: Nausea, gastroenteritis, liver function tests abnormal, colitis, vomiting, gastritis, dry mouth, rectal hemorrhage, esophagitis, eructation, glossitis, mouth ulceration, anorexia, increased appetite, stomatis, bilary pain, chellitis, doulenal ulcer, dysphagia, entertis, melena, gum hemorrhage, stomach ulcer, tenesmus, ulcerative stomatitis, helary pain, chellitis, doulenal ulcer, dysphagia, entertisis, melena, gum hemorrhage, stomach ulcer, tenesmus, ulcerative stomatitis, hepapatitis, pancreatitis, cholestatic jaundice. Respiratory System: Bronchitis, rhinitis, pneumonia, dyspena, asthma, epistaxis. Navous System: Insomma, dizziness, paresthesia, somnolence, amnesia, abnormal dreams, libido decreased, emotional lability, incoordination, peripheral neuropathy, torticollis, facial paralysis, hyperkinesia, depression, hypesthesia, they protoniation, peripheral neuropathy, torticollis, facial paralysis, hyperkinesia, depression, hypesthesia, ence, urticaria, eczema, seborrhea, skin ulcer. Urogenital System: Urinary tract infection, urinary frequency, cystitis, hematuria, impotence, dysunia, kidney calculus, nocturia, epididymitis, fibrocystic breast, vagnial hemorrhage, abuminuria, breast enlargement, metrorrhagia, nephritis, urinary incontinence, urinary ret

Please see full prescribing information for additional information about LIPITOR.

By only

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