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May 2016



Learn about common digestive maladies

and how to feel better PAGE 8

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Tired of Being Tired?

Are you excessively sleepy during the day?

Do you have difficulty falling asleep or waking up? Do you snore loudly or wake up gasping or choking during the night?

If you answered yes to any of these questions, you could be one of the millions of Americans suffering from a sleep disorder. Over time, a lack of quality ZZZs can significantly impact your physical, mental and emotional health, and even put you at increased risk for serious health conditions.

If you're not getting the quality or quantity of sleep you need, ask your doctor for a referral to the Baylor Scott & White Medical Center – McKinney Sleep Lab. Staffed by board-certified sleep specialists, registered sleep technologists and registered respiratory therapists, the Sleep Lab offers comprehensive care for a wide range of sleep disorders, including:

- ▶ Insomnia
- Narcolepsy
- Periodic limb movement disorder
- ► REM sleep behavioral disorders
- Restless legs syndrome
- Sleep apnea
- Sleep terrors

MORE

Better Sleep, Better You

If your sleep quality is suffering, the sleep experts at Baylor Scott & White – McKinney Sleep Lab can help. To schedule a consultation or a sleep study, call **469.930.4503**.



The Future Is Now: Robotic Technology and Orthopedics

In the past 15 years, the number of robot-assisted surgeries has exploded—and orthopedic procedures are no exception.

"Robot-assisted procedures offer many advantages over conventional surgical methods," explains Charles Toulson, MD, medical director of orthopedics and the joint replacement program at Baylor Scott & White Medical Center – McKinney. "These include improved accuracy and precision in bone resurfacing and positioning; a typically quicker, less painful recovery; and generally more reliable patient outcomes."

Baylor Scott & White – McKinney now has a dedicated orthopedics floor, and offers the following robot-assisted orthopedic surgeries:

MOVE WITHOUT PAIN

To learn more about orthopedic services and procedures available at Baylor Scott & White – McKinney, visit BaylorHealth.com/
McKinneyOrthoRobot today.

- ► Total hip replacement
- ► Partial knee replacement

"We've had tremendously positive feedback from patients who have undergone these procedures, and we are excited to be able to offer this advanced technology to them," Dr. Toulson says.

If you're considering joint replacement, ask your doctor if a robot-assisted procedure could be right for you.

Baylor Scott & White Medical Center – McKinney, 5252 W. University Drive, McKinney, TX 75071. President: Scott Peek; Marketing/Public Relations Manager: Jennifer Estes. Baylor McKinney Main Number: 469.764.1000; Parent Education Classes: 1.800.4BAYLOR (1.800.422.9567); Baylor McKinney Breast Center: 469.764.7000; Baylor McKinney Physician Referral: 1.800.4BAYLOR. Visit BaylorHealth.com/McKinney or call 1.800.4BAYLOR for information about Baylor McKinney's services, upcoming events, career opportunities and more.

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HOW HEALTHY ARE YOU?

If you haven't had a checkup in a while, it can be hard to know where you fall on the health spectrum.

Thankfully, there's an easy way to get a gauge—without leaving home.

Baylor Scott & White Health offers numerous online health risk assessments at **BaylorHealth.com/ RiskAssessments** that allow you to estimate your risk for everything from acid reflux to osteoporosis.

For each assessment, you'll be asked to answer a handful of questions about your age, weight and lifestyle habits. In a matter of seconds, you'll receive your results and information about what steps to take next, including visiting your doctor. It's that guick and easy.

MORE

Check Your Risk with a Click

Visit BaylorHealth.com/ RiskAssessments to find out your risk level for a variety of conditions such as cancer, diabetes and depression. **Baby** Can Wait

When it comes to pregnancy, every week matters to your baby's health. That means week 37 is just as important as weeks 39 and 40. Acknowledging this, the American Congress of Obstetricians and Gynecologists recommends against induced labor before 39 weeks, except when medically necessary (such as when your water breaks or a complication like preeclampsia develops). Previously, it was thought that babies born anytime between 37 to 42 weeks had the same health results, but recent research shows that's not the case.

Need more persuading? Here are two very good reasons to wait until at least 39 weeks to give birth:

You'll give the baby time to develop. In the last few weeks of gestation, the baby's lungs and brain are still maturing. Waiting gives these crucial organs time to fully form.

The chances of having a healthy baby go up. Research shows that the magic window (now considered full term) is 39 weeks 0 days to 40 weeks 6 days. Babies born within this time frame had the best results.

GET READY FOR THE ARRIVAL

Sign up for classes on childbirth and breastfeeding or take a maternity tour. Visit **BaylorScottandWhite.com/ParentEd** for locations and times near you.





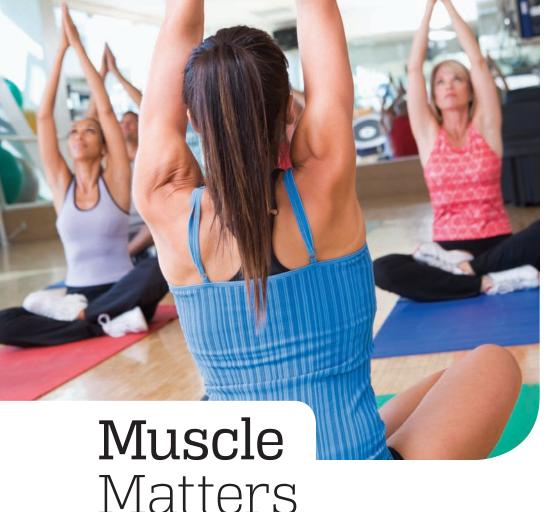
Women can lose 20 percent of their bone density in the five to seven years after menopause. In honor of National Osteoporosis Month (May), protect

your bones by committing to an exercise regimen

Weight-bearing activities are best (think: walking, dancing, doing yoga). Also, stop smoking—tobacco use lowers estrogen levels and weakens your bones.

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What's the difference between a strain and a sprain?

"A strain usually refers to a muscle or tendon injury," says Duncan McKellar, MD, an orthopedic surgeon on the medical staff at **Baylor Scott &** White Medical Center - Carrollton. "Sprains are ligament injuries. They happen when you twist a joint and stretch the ligaments around the bone."

What's normal—and what's not—when it comes to pain after exercise

GOOD FOR YOU for going hard at the gym yesterday! But today you can barely get out of bed. Is what you're experiencing normal muscle fatigue, or are you dealing with a strain or a sprain?

Soreness is the byproduct of placing new stress on a muscle or group of muscles. It's a common experience when you first start working out, but it can also occur anytime you increase resistance or intensity. Soreness typically kicks in 12 to 24 hours after exercise, whereas an injury tends to appear right away.

SIGNS OF INJURY

"With strains and sprains, there's usually an event that occurs when you feel something twist, pull or tear," says Duncan McKellar, MD, an orthopedic surgeon on the medical staff at Baylor Scott & White Medical Center – Carrollton. "But that doesn't

mean it will necessarily be dramatic. It may not even stop you from playing. But when you wake up the next day, the muscle is sore or tight or cramped."

HELP YOURSELF TO RICE

Although it may be uncomfortable at first, it's not harmful to work out when you're sore. In fact, light cardiovascular exercise to get the blood flowing might help alleviate some of the pain. Just be careful not to overdo it. Over-the-counter pain relievers also may help minimize soreness, but the discomfort should dissipate on its own after two or three days.

For strains and sprains, rest is best. The RICE method of treatment—rest, ice, compression and elevation—continues to be the gold standard for sports injuries.

"If you have a minor strain or sprain and you're able to

walk and perform normal activities, elevate it as soon as you can, apply ice and put a compression wrap on it," Dr. McKellar says.

WHEN HOME TREATMENT ISN'T ENOUGH

"If you're unable to bear weight or you can't move a joint in a normal way, that could represent a tear, and you should be seen by a physician," Dr. McKellar adds. "Also, if swelling persists for more than five to seven days or worsens, call your doctor."

MORE

Get Back Out There

Has an athletic injury sidelined you? We can help. To learn more about the orthopedic services at Baylor Scott & White – McKinney, visit BaylorHealth.com/
McKinneyOrtho today.

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Life After Cancer

You beat the disease. Yes! Here are four tips for being a survivor

FAR TOO LONG, cancer ruled your life. All your energy, all your brainpower—all your you—have been focused on treatment, appointments, side effects and cell counts. But now you're cancer-free! As much as you want to revel in the joys of survivorship, you realize this part of the journey can be difficult in its own way. Here are four bits of advice as you begin to adjust.

Own your emotions. You just got the best news of your life, and yet you feel uneasy. That's OK. "It's normal to be anxious when you're in remission," says Mark Holguin, MD, medical director of the oncology service line for Baylor Scott & White Health – Central Division. "There often is great concern about the cancer coming back and how you'll know if it does."

lean meats and low-fat dairy products. Find a physical activity you enjoy, such as swimming, biking, walking or yoga. Proper self-care will help you feel good and also may boost your recovery from lingering side effects of treatment.

"And there's a growing body of evidence that suggests regular physical activity may be associated with a reduced risk of recurrence," says Dr. Holguin, who recommends getting at least 30 minutes per day three to five days a week.

Reep up with follow-ups. "Most of the cancers we treat have at least some risk of recurrence," Dr. Holguin says. "Remission is the first step to cure, but we have to maintain that remission long enough to be sure it's not going to come back. It's wise for people to be vigilant about follow-ups so that we may catch recurrences early."

EVERY STAGE, EVERY STEP

From helping you cope with your diagnosis to navigating treatment options and life as a survivor, we're here for you. To learn more, visit **BaylorHealth.com/ McKinneyCancer** today.





Stroke symptoms can begin long before a life-threatening brain attack occurs. Are you paying attention?

IT WAS A NORMAL SATURDAY in August 2013. Judy Buck was in her kitchen making a grocery list. Then, her left side "felt like it weighed 500 pounds," she recalls. "I kept writing, and it kept getting heavier and heavier." She called for her husband, Billy.

"Something's not right," she told him. He agreed and suggested going to the hospital. Buck, now 66, wasn't so sure.

"But then, my face started drooping," she says. "And I thought, well, maybe I will go and get checked out."

When they got to Baylor Scott & White Medical Center – Irving, the staff recognized the paralysis on her left side and her drooping face as two symptoms of a stroke—a life-threatening medical condition.

"I never thought it could be a stroke," Buck says. But now, with more knowledge about these brain attacks, she realizes the earliest symptoms may have started a couple of weeks before.

"If I had to do it over again, I'd have gone to the doctor two weeks before my stroke."

-Judy Buck

SYMPTOMS

In addition to a drooping face and weakness on one side of the body, stroke symptoms can include difficulty speaking or understanding, loss of balance, difficulty walking and trouble seeing. The sudden onset of an explosive headache also can be a sign, says Dion Graybeal, MD, medical director for stroke for Baylor Scott & White Health – North Texas.

When these symptoms come and go within a few minutes, it could be a transient ischemic attack, or TIA. Combined with other stroke risk factors, a TIA is correlated with a much higher risk of stroke. "It could happen in the next two days, the next week or even the next month," Dr. Graybeal says.

Buck realizes the curious symptoms she experienced in the days leading up to her stroke were likely TIAs, or ministrokes.

"I did have a little bit of numbness on my left side. I thought it was just because I sat at the computer too long. And I had horrible headaches," she says. "Looking back, I can see those signs of stroke that I didn't pay attention to."

If you're having stroke symptoms that persist, call 911. If your symptoms are fleeting, it's still important to see a doctor immediately.

TREATMENT

There are two main types of stroke. During an ischemic stroke (about 85 percent of strokes), a blood clot blocks blood flow to the brain. In a less-common hemorrhagic stroke, there's bleeding in the brain.

Once a stroke has started, the treatments are time sensitive, Dr. Graybeal says. An IV medication called tPA, a "clot-busting" drug, ideally should be given within three hours of the start of symptoms. This treatment saved Buck's life.

Other treatments have different time limits, but it's all a matter of hours. Getting care quickly helps prevent death and disability.

"You're losing about 2 million brain cells per minute. Time really is brain," Dr. Graybeal says. "If we can restore normal blood flow quickly, we can improve functional outcomes."

PREVENTION

Though there are some risk factors you can't change (like age and family history), there are a few you do have control over. To reduce your risk, it's important to not smoke and to effectively manage high blood pressure, diabetes, cholesterol and atrial fibrillation. Keeping these conditions in check may include taking medication as well as exercising, eating healthfully and managing stress.

It's also important to talk to your primary care physician about regular screenings for blood pressure, diabetes and cholesterol to better understand your risk.

Buck says she sees areas of her life she could've improved upon: She worked a lot, remained sedentary for long periods and had a lot of stress.

Today, she stresses less, eats healthier and exercises more, and she's lost weight.

And although she was always reluctant to go to the doctor for her checkups, she now sees the value—and hopes others do, too.

"It's so important that people take better care of themselves," she says. "And take time and listen to what your body is trying to tell you."

NEW HOPE FOR STROKE PATIENTS

Recent advances in prevention and treatment are helping reduce the risk of stroke and improving outcomes for those who experience it. We asked Easwar Sundaram, MD, a neurologist on the medical staff at Baylor Scott & White Medical Center – McKinney, to share some of the most compelling advancements in the past five years.

- 1. Better risk assessment and education. "There's been a significant improvement in our understanding of stroke risk factors and our effectiveness in assessing and educating our patients," Dr. Sundaram says. "We know more about stroke risk factors than ever before, and we have a greater focus on educating our patients on how to reduce their risk."
- 2. Faster, better imaging. "Through advanced imaging technology such as computed tomography [CT] angiogram and magnetic resonance imaging [MRI], we can identify exactly where a stroke is occurring almost instantaneously," Dr. Sundaram says. This allows physicians to start medications or surgical interventions to stop a stroke as quickly as possible, minimizing long-term damage.
 - 3. Improved acute care.

"Improved clot-busting drugs and surgical interventions like the stent retriever have exponentially improved our ability to quickly restore blood flow to the brain," Dr. Sundaram says. "This is a critical factor when treating stroke because every second counts."

MORE

Quality Stroke Care

To learn more about stroke treatment and rehabilitation at Baylor Scott & White – McKinney, visit **BaylorHealth.com/ McKinneyNeuro** today.



Your guide to understanding the GI troublemakers IBS and IBD

IRRITABLE BOWEL SYNDROME and inflammatory bowel disease may sound similar—they even share some symptoms—but they are actually very different. Understanding the distinctions between the two gastrointestinal conditions can help you get the relief you need.

WHAT IS IBS?

Irritable bowel syndrome (IBS) occurs when the gastrointestinal

tract acts abnormally, causing symptoms such as constipation, diarrhea or alternating bouts of each. It affects around 10 to 15 percent of people in the U.S., according to the International Foundation for Functional Gastrointestinal Disorders, and is often diagnosed in late adolescence or early adulthood.

"IBS is quite common," says Jason Welch, DO, a gastroenterologist on the medical staff at Baylor Scott & White Medical Center – Marble Falls. "Though many theories exist, there is not a single, identifiable cause, unfortunately, as there is

no anatomic disease or bowel inflammation. What we can do is treat the symptoms."

WHAT IS IBD?

Inflammatory bowel disease (IBD) refers to two conditions that cause inflammation or ulceration along the gastrointestinal tract: Crohn's disease and ulcerative colitis. Altogether, these conditions affect about 1.6 million Americans, according to the Crohn's & Colitis Foundation of America.

"IBD carries significant longterm health implications and should be closely managed by a gastroenterologist," Dr. Welch says.

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IBS and IBD: Comparing the Conditions

	Irritable Bowel Syndrome	Inflammatory Bowel Disease
Most often affects	Women are twice as likely as men to get it, according to the National Institute of Diabetes and Digestive and Kidney Diseases, and it's most common in those 45 and younger.	Men and women. Ulcerative colitis: people ages 15 to 30 and older than 60, people of Jewish descent and those who have a family member with the disease. Crohn's disease: people ages 15 to 35 and those who have a family member with the disease.
Symptoms	Abdominal pain and discomfort; a change in bowel habits; constipation, diarrhea or both; urgent need for a bowel movement; bloating; mucus in the stool; feeling as though bowel movements are incomplete.	Abdominal cramps and pain; constipation; diarrhea; rectal bleeding; urgent need for a bowel movement; feeling as though bowel movements are incomplete; weight loss; loss of appetite; fever; fatigue; night sweats.
Treatment	Primary: lifestyle changes, including dietary changes and stress management. Secondary: medication, probiotic supplements, counseling and alternative medicine like acupuncture, meditation and yoga. See your doctor regularly to get symptoms under control.	Medication, including anti-inflammatories, immunosuppressants, antibiotics, pain relievers and other prescriptions and supplements. Surgery may be necessary in some cases.
Raises risk for colon cancer	No. Because it's classified as a syndrome (a collection of symptoms) rather than a disease, IBS itself does not cause cancer.	Yes, depending on duration and severity. "Once a person has had IBD for 10 to 15 years, he or she will need surveillance colonoscopies every one to two years, even if the disease is under control by then," says Jason Welch, DO, an internal medicine physician and a gastroenterologist.

How Stress Affects Your Stomach

Have you ever felt anxious or stressed out to the point of feeling sick to your stomach or needing to run to the bathroom? If so, you've experienced firsthand the connection between your digestive system and your head, and why the gut is often referred to as "the second brain."

"There is definitely a connection between the brain and the gastrointestinal tract," says Clyde Collins, MD, a gastroenterologist on the medical staff at Baylor Scott & White Medical Center – McKinney. "While the exact mechanism is not completely understood, we know that hormones like epinephrine and cortisol are released into the bloodstream during times of stress, which leads to a physiological response in the digestive system."

Stress could be the culprit behind the following digestive symptoms:

- ► Stomachache
- ► Nausea
- ► Vomiting
- ► Constipation
- ► Diarrhea

"Whether you have chronic digestive problems like irritable bowel syndrome that are aggravated by stress or you experience acute digestive symptoms during stressful situations, learning to cope with stress properly can help alleviate your symptoms," Dr. Collins says. "I recommend moderate exercise, meditating and healthy eating."

If your stress-related symptoms occur frequently or don't resolve, talk to your doctor to rule out a more serious problem.

MORE

Gut Check

If you've been experiencing worrisome digestive symptoms, our experienced team can help. Visit **BaylorHealth.com/McKinneyDigestive** to learn more about our digestive health services today.



By examining blood vessels in the eye, a research team looks to avoid vision loss in people with diabetes and other conditions

THE EYES HAVE BEEN CALLED

windows to the soul. But they are also windows to your health.

> That's because by examining blood vessels in the eve, doctors can detect health conditions like

> > diabetes.

Knowing

how these blood

vessels work

normally and

important in

treatments—

goal of the

Vascular

Research

Program

(OVRP), a

collaboration

between the

Department of

Ophthalmology

Ophthalmic

and that's the

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helping develop

ABOUT THE STUDY

Ophthalmic Vascular Research

A team of scientists is better understanding how the blood vessels in the eye work with the goal of finding therapies for people with impaired vision as a result of retinal vascular and degenerative diseases.

Key Contributors

Baylor Scott & White Health Texas A&M Health Science Center Scott & White Healthcare Foundation (funding)

Retina Research Foundation (funding)

National Institutes of Health (funding) in yet another way."

at Baylor Scott & White Health and the departments of Medical Physiology and Surgery at the Texas A&M Health Science Center (TAMHSC).

A UNIQUE TECHNIQUE

The key is to study blood vessels in the eyes independently from other tissues. Lih Kuo, PhD, director of the research program and professor of medical physiology at TAMHSC, is known for his work with isolating microscopic blood vessels from the heart. The OVRP team applied a similar approach to the eye.

"Blood vessels in the heart respond to stimuli in a certain way," explains Robert Rosa Jr., MD, an ophthalmologist, vice chair for research in the Baylor Scott & White Department of Ophthalmology and a researcher in the OVRP. "The blood vessels in the kidneys may respond differently to the same stimuli; the blood vessels in the eye may respond

Today, the OVRP is the only research program in the U.S. to use the isolated retinal microvessel technique.

LASTING IMPACT

Diseases like diabetes and high blood pressure affect blood vessels in the eye, damaging the retina (the back of the eye) and leading to impaired vision. Regulating and improving blood flow might help.

"Diabetes is the most common cause of blindness among 20- to 60-year-olds," Dr. Rosa explains. "Our work could have a significant impact in preserving vision in patients with diabetes."

What's more, the OVRP investigators have developed patents that could aid in the establishment of new treatments for other eye diseases, including dry macular degeneration and retinitis pigmentosa.

"Our goal ultimately," he says, "is to have a lasting impact on patient care and find new therapeutic strategies to prevent blindness from retinal vascular and degenerative diseases."

MORE

Take a Look at the Latest Research

Visit BaylorHealth.com/ Advancing Medicine and research.sw.org for other advancements like this.

WHAT'S ONLINE

BaylorHealth.com











HEART-HEALTHY GROCERY LIST

When you go shopping, are you filling your cart with foods that are good for your ticker—or your tummy? With a little planning, you can do both!

→ Go to BaylorHealth.com/ Tipsheet to download our handy checklist.



WATERMELON **YOGURT SOUP**

This cold soup features a refreshing—and hydrating blend of watermelon. cucumber and yogurt that's well suited for warmer weather.

→ Visit BaylorHealth.com/ **Recipe** to find this recipe, plus many more.



ONLINE

Volunteer Here!

→ To learn more about volunteering requirements and opportunities at Baylor Scott & White - McKinney, visit BaylorHealth.com/McKinney and mouse over the "About" tab and click "Become a Volunteer."



HAVE YOU MADE YOUR HEALTH CARE WISHES KNOWN?

See what you know about advance directives—such as living wills—which are important documents that tell loved ones about your care in the event that you are unable to speak for yourself.

→ Check out BaylorHealth.com/AdvanceDirectiveQuiz to test your knowledge.

VIDEO

FOUR MEDICATION SAFETY TIPS

Adverse drug reactions account for hundreds of thousands of visits to hospitals and emergency departments every year. Learn the dos and don'ts of your daily prescription dose.

→ Watch the video at BaylorHealth.com/DigitalShort —and share the advice.







Community Calendar

May & June 2016

Registration required for all events unless otherwise indicated. → Call **1.800.4BAYLOR** to register.

CHILDBIRTH AND FAMILY EDUCATION

Prepared Childbirth encompasses three weekly sessions beginning May 3 or June 7, 6:45 to 9:30 p.m. No charge.

Power Prepared Childbirth is a two-day version of Prepared Childbirth. May 21 or June 18, 8 a.m. to 1 p.m. \$15.

Basics of Baby Care teaches infant care and development. May 5 or 19, June 2 or 16, 6:45 to 9:30 p.m. No charge.

Breastfeeding Class is designed to discuss the many benefits of breastfeeding your baby. May 12 and 26, or June 9 and 23, 6:45 to 9:30 p.m. No charge.

Infant Safety and CPR teaches basic skills but is not a certification course. May 14 or June 11, 9 a.m. to noon. \$35.

