Advanced Wound Healing Modalities Improve Outcomes

Wound Healing and Hyperbaric Medicine at Beebe Healthcare, which provides many different advanced healing modalities, has grown in volume with outcomes that exceed the national average. In March 2016, the program relocated to an expanded facility at the Medical Arts Building at the Beebe Health Campus on Route 24 in Rehoboth, and in April the Hyperbaric Medicine program was launched at the same location.

An experienced staff of wound healing professionals identifies specific issues that create a non-healing, hostile wound environment and find ways to address the problems. Every wound is unique, requires expert assessment and wound healing knowledge, and a commitment to provide a patient-centered, evidence-based approach to care that addresses the core barriers to wound healing. Read more inside.

Welcome to Beebe Wellness!

Beebe Healthcare has introduced a program of services called Beebe Wellness to support you and your patients in improving and maintaining good health. Beebe Wellness offers programs that include:

- Monthly exercise gym membership, using specialty MedX exercise equipment
- Individual health coaching
- Health and wellness workshops
- Mindfulness meditation
- Personal fitness

Beebe Wellness offers a monthly gym membership for $49 per month.

Other services may be purchased as individual sessions or as packages. Classes, workshops, and gym equipment are available at Beebe's Georgetown Health Campus at 21635 Biden Ave., Georgetown. Health coaches will meet clients at other locations, and wellness partnerships can be designed to meet your needs. Call (302) 217-3000 for more information.

Beebe Healthcare Earns Blue Distinction® Center+ Designation for Quality and Cost-efficiency in Spine Surgery

Highmark BCBS Delaware has selected Beebe Healthcare as a Blue Distinction® Center+ for Spine Surgery, as part of the Blue Distinction Specialty Care program. Blue Distinction Centers are nationally designated healthcare facilities shown to deliver improved patient safety and better health outcomes based on objective measures that were developed by Blue Cross and Blue Shield companies with input from the medical community.
Acute wounds generally heal in an orderly fashion, typically within 4–8 weeks. Those that do not heal become chronic and present challenges. Once this happens, typical interventions often do not produce easy resolution to healing.

**Which wounds need referral?**

Many types of wounds may benefit from a Wound Healing referral. They include but are not limited to:

- Non-healing surgical wounds
- Arterial wounds
- Diabetic foot ulcers
- Traumatic wounds
- Venous stasis ulcers
- Pressure ulcers/pressure injury
- Atypical wounds
- Minor burns
- Others as indicated

Our wound care staff has extensive training and expertise, providing a comprehensive plan of care using various wound modalities based on individual patient assessment and co-morbidities. Care is customized to a patient’s needs and may consist of:

- Lymphedema/edema control measures
- Blood glucose optimization
- Infection control
- Vascular evaluation/referral
- Nutrition supplementation
- Off-loading of pressure from the wound bed
- Smoking cessation education
- Wound product selection

**Advanced Healing Modalities**

When a serious wound has not improved with traditional wound healing...
modalities, advanced modalities may be necessary. Those available at Beebe include:

- Wound bed preparation including surgical, enzymatic, or autolytic debridement
- Vacuum-assisted closure with powered and non-powered NPWT devices
- Cellular- and/or tissue-based products: Examples we select from include Collagen-based products, Oasis, Epifix, Puraply, Grafix, Allografts such as Theraskin, Apligraf, Dermagraft, and many others
- Hyperbaric oxygen therapy (HBOT) for those wounds that meet medical necessity:
  > During hyperbaric oxygen therapy, patients receive a high dose of oxygen while under atmospheric pressure  
  > HBOT provides potential positive effects on the body:
    - Angiogenesis
    - Hyperoxygenation
    - Osteogenesis
    - Enhanced elimination of bacteria
    - Vasoconstriction

A referral should be made for any wound that has not healed in one month, is a complicated acute wound, and/or is a wound in any patient with a complex medical history that could lead to non-healing. Please fax a signed physician order, including specific diagnosis for hyperbaric oxygen therapy and recent medical history to (302) 645-3428 and direct patients to us at (302) 645-3121 to schedule an appointment.

For additional information please call (302) 645-3121.

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**BEEBE LABORATORY**

**Dr. Xiaoli Chen Joins Beebe Laboratory as Medical Director**

Xiaoli Chen, MD, has joined the Beebe Laboratory as Medical Director. She comes from Drexel University College of Medicine, where she was the Medical Director of the Pathology Diagnostics Laboratory. She was the Medical Director of the Clinical Laboratory at Forest Health Medical Center of Bucks County (Pa.) and Kindred Hospital Philadelphia-Haverton. Dr. Chen was the Medical Director of Axis Diagnostics and a visiting professor at Shanghai Traditional Chinese Medical University.

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**BOARD OF DIRECTORS**

**New Beebe Board Members**

Rehoboth Beach business leaders Michael Meoli and Eric Sugrue have recently joined the Beebe Healthcare Board of Directors.

**Mr. Meoli** has been a McDonald’s franchisee for 22 years. He owns and operates 14 restaurants and employs approximately 800 crew members, managers, and mid-level supervisors and office personnel.

**Mr. Sugrue** is president and managing partner of the Big Fish Restaurant Group, which is comprised of 10 restaurants as well as catering and wholesale businesses.

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**BEEBE WOUND HEALING VOLUMES**

**Annual Wound Healing Statistics—FY 2016**

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Admissions</td>
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<tr>
<td>Annual Visits Not Including New</td>
<td>6,127</td>
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<tr>
<td>Average Visits Per Patient</td>
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</tr>
</tbody>
</table>

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**WOUND TYPES SEEN IN BEEBE WOUND HEALING**

**Annual Wound Healing Statistics—FY 2016**

- Venous Ulcer: 30%
- Pressure Injury: 20%
- Surgical Wound: 14%
- Trauma Wound: 10%
- Other: 26%
Pulmonary Rehab Expands Into Downstairs Location

Beebe Healthcare’s pilot Pulmonary Rehabilitation program, which started in 2013, has proved so successful in improving patient outcomes and quality of life that it has been relocated from the 4th floor in the Medical Center in Lewes to nearly triple the space in a windowed room on the main floor. A specialized respiratory therapist works with patients to improve and optimize their overall lung health and quality of living. This is done under the supervision of a Board Certified pulmonologist.

We instruct, educate, and guide patients with alternative methods to help them improve their endurance and tolerance levels related to daily living. Each plan is customized to fit a patient’s specific needs; each exercise session is conducted and monitored under direct supervision of trained staff; and each area of education will be taught by a team of respiratory therapists.

Program Highlights
• Guided exercise program under supervision
• Patient education about overall health, chronic lung disease and its effects, and how to control symptoms
• Stress management techniques

Benefits of Pulmonary Rehab
• Increases strength, stamina, and endurance

How to Enroll
A physician’s referral is required. A general medical evaluation and some diagnostic testing may be needed prior to entrance to the Pulmonary Rehabilitation program. For more information, please call (302) 645-3579.

Jefferson Neuroscience Network Offers Support to Patients at Beebe

Thomas Jefferson University Hospitals in Philadelphia created the Jefferson Neuroscience Network to connect patients from regional hospitals, like Beebe Healthcare, to the specialists at Jefferson who have the expertise to diagnose time-sensitive neurological disorders. When hospitals join this network, patients have access to:
• The latest clinical protocols and trials
• Community-based specialists
• Community education programs
• Priority transfers to Jefferson for acutely ill patients
• Jefferson Expert Teleconsulting (JET), the region’s first university-based, high-tech, mobile robotic system for acute stroke

Patients receive automatic acceptance to Jefferson’s Neuroscience center with a single phone call. When necessary, the helicopter is put into flight immediately. For care providers at Beebe, telemedicine specialists are available and providers may activate a JET consult to speak with an attending stroke expert. With this call, the transfer center contacts the attending physician to discuss treatment plan recommendations.

Jefferson Neuroscience Network Offers Support to Patients at Beebe

(L–R) Kelly Thompson, Cindy Dabrowski, Pam Lowe

• Increases independence in activities of daily living
• Increases a patient’s knowledge of chronic lung disease
• Provides patient with coping skills and ways to decrease anxiety

About Beebe Healthcare
Beebe Healthcare is a not-for-profit healthcare system that offers comprehensive medical care and outpatient services throughout Sussex County, Delaware. For more information, please visit us online at beebehealthcare.org.

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