Emanuel Medical Center Foundation

giving

A newsletter for the supporters and friends of Legacy Emanuel Medical Center

Fall/Winter 2010

Inside this issue

*Burn survivors inspire* . . . . . 3

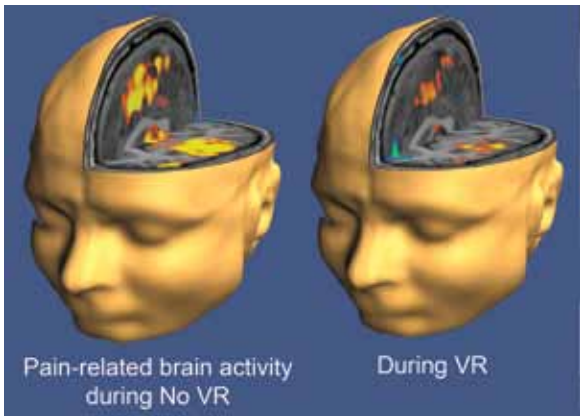
*Your support makes a difference* . . . . . 5

*Robotic surgery* . . . . 7

# Virtual reality will bring comfort to burn patients

Burn patients must endure intense pain while their wounds are being treated. Daily wound care involves the cleaning and removal of dead tissue to prevent infection. Pain management during dressing changes is often a challenge, but an innovative new tool for controlling pain will soon be available to patients at Legacy Emanuel, with your support.

Studies have shown that introducing a distraction is one of the best ways to alleviate pain. A recent article in *Scientific American* stated, "Because virtual reality immerses users in a three-dimensional, computer-generated world, it is uniquely suited to distracting patients from their pain. Functional magnetic resonance imaging shows that virtual reality actually reduces the amount of pain-related activity in the brain."




*Virtual reality signifigantly reduced pain-related brain activity during thermal pain (functional MRI laboratory study).*

Emanuel Medical Center Foundation is raising funds to purchase the software and equipment needed for a Virtual Reality Pain Management Program. The patient wears a high quality headset and goggles to engage in the virtual reality experience. Sound and visual effects, with a 90 degree field of view, complete the immersion into virtual reality. One software program specially designed for burn patients is called SnowWorld. Patients experience flying through a snowy canyon with a frigid river, icicles and a waterfall. Penguins and igloos appear as targets that disappear in a puff of powder when hit by a snowball.

Virtual reality can make painful treatment tolerable for patients who are not helped by traditional painkilling medications. It also helps to relieve much of the dread and trauma associated with treatment. It is especially helpful for pediatric patients. Almost one third of the patients treated at the Oregon Burn Center are children.

Emanuel Medical Center Foundation is raising $50,000 to support this important project. To make a gift, please refer to the enclosed envelope or contact Kathleen Buckley, development officer, at 503-413-2751 or kbuckley@lhs.org.

LEGACY HEALTH

# Spotlight on the Oregon Burn Center

The only facility of its kind between Seattle and Sacramento, the Oregon Burn Center at Legacy Emanuel Medical Center is a recognized leader in burn assessment, treatment and rehabilitation. The center provides a continuum of care for the patient from the initial injury through follow-up therapy. The center cares for more than 400 patients per year. Approximately one third of the patients cared for at the Oregon Burn Center are children.

The Oregon Burn Center cares for many patients in high risk industries, including power company linemen, firemen and electricians. The Burn Prevention and Education program educates the public and workers in high risk industries about how to prevent burns at home and on the job, reaching more than 5,000 people around the Northwest each year. This program is made possible through the generous support of our donors. Local companies such as PGE and Pacific Power are loyal supporters of the Oregon Burn Center. Annual golf tournaments, including Fire Fighters Fight Burns and the Benefit Golf Classic, donate their proceeds to benefit the Burn Prevention and Education program.

*Jonathan Burkhert was severely burned two years ago and was treated at the Oregon Burn Center. After his immediate care, surgeons placed expanders in his shoulders to stretch his skin. After six months, those were removed and they placed the new skin on his neck and face. Jonathan has maintained a positive attitude despite his many reconstructive surgeries (including six in spring 2010) and was recently selected to travel as a student ambassador to Europe next summer.*

The Oregon Burn Center leads the way in patient care and comfort. From its implementation of a three-dimensional facial scanner to painlessly create specialized facial compression masks (which reduce long-term scarring and skin contracture during the healing process), to its incorporation of special air flow beds (which reduce reinjury and infection of fragile, healing skin) to the coming implementation of virtual reality as a pain management tool, the Oregon Burn Center works to create an environment to maximize patient comfort during treatment of painful and often traumatic injuries.

Also along the lines of whole-patient care, the Oregon Burn Center was the first hospital in the nation to offer a therapeutic garden created specifically for burn survivors. This award-winning, 9000-square-foot garden provides a beautiful, restful place where burn patients and their families can enjoy the outdoors with protection from the sun and a sense of privacy. The garden is also used as part of the patients' physical, occupational, speech and recreational therapies.

## Burn survivor family shows interest in healing

After a tragic plane accident in Gearhart two summers ago, a Portland family explored the pathways to healing by helping to initiate the regional nonprofit organization, LEAP. Because burn camps and other programs exist for young burn patients, this program serves as a bridge to continue the healing process for young and mature adults. By combining survivors at varied stages of recovery, the LEAP program provides a platform for participants to learn and exchange life stories as a group. LEAP stands for Leadership Experience and Adventure Program and invites adult burn patients to engage in a whitewater rafting trip during the summer months.

Following the accident in which a plane flew into a house, Ruth Reimann, Christopher (13 at the time) and Sarah (then 11) were treated at the Oregon Burn Center at Legacy Emanuel for several weeks. Matt and Ruth Reimann's 10-year-old daughter, Julia, along with her two cousins, did not survive. Matt Reimann and friends Jim Crystal and John Taylor started the LEAP organization.

Helen Christians, an occupational therapist at the Oregon Burn Center, recently received a letter from a woman who participated in a LEAP whitewater rafting trip on the Rogue River this summer. The following is an excerpt from her letter:

This is what you need to know. Burns are incredibly painful – inexplicably. Feeling chronically depressed and anxious is worse – hands down. This Rogue River rafting trip helped me heal internally more than anything that I have done since the accident and subsequent breakdown, and I didn't even realize I had more healing to do. This trip was truly miraculous and magical. I do not think I am the only person who had a life-shifting experience on this trip. I would go so far as to assume that we all significantly shifted in our own way. For the first time, at age 42, I realized I was actively saying thank you sincerely, not just politely. I am sure the recipients could not tell the difference, but I certainly did and will continue to.

Thank you, Emanuel Medical Center Foundation, LEAP and Orange Torpedo, for making this experience possible for me.

– Anne Scott

To learn more about the LEAP organization, please visit www.leapadventure.org.

*Anne Scott on the Rogue River*

# Emanuel Medical Center Foundation

*Revenue, Expenses and Changes in Fund Balances (unaudited) for Twelve Months Ended March 31, 2010*

**Philanthropic & Interest Revenue**

| | |
|---|---|
| Donations | $906,485 |
| Bequests | 56,902 |
| Special Events | 5,802 |
| Trust Receipts | 23,049 |
| In-Kind Gifts | 5,647 |
| Interest & Investment Income | 2,250,481 |
| *Revenue* | 3,248,366 |
| LHS Institutional Support | 243,846 |
| ***Total Revenue*** | **$3,492,212** |

**Distributions – Foundation Program Support**

| | |
|---|---|
| Patient Care | 1,060,529 |
| Research | 57,167 |
| Education and Training | 78,530 |
| Other Hospital Programs | 94,523 |
| ***Total Distributions*** | **$1,290,749** |

**Operating Expenses**

| | |
|---|---|
| Salaries and Benefits | 140,616 |
| Supplies and Other Expenses | 103,230 |
| ***Total Operating Expenses*** | **$243,846** |
| ***Total Distributions & Operating Expenses*** | **$1,534,595** |
| Changes in Net Assets | 1,957,617 |
| Ending Net Assets at March 31, 2009 | 6,053,138 |
| **Ending Net Assets at March 31, 2010** | **$8,010,755** |

## Balance Sheet

*(unaudited) as of March 31, 2010*

**Assets**

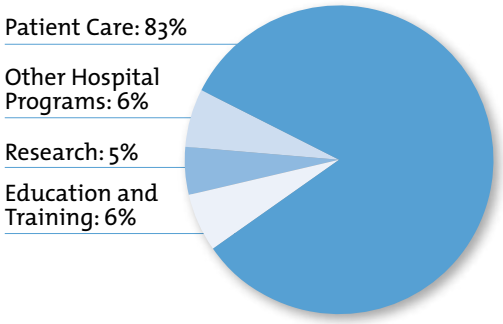
| | |
|---|---|
| Cash & Noncurrent Investments | 8,010,755 |
| ***Total Assets*** | **$8,010,755** |
| **Liabilities** | 0 |
| ***Total Liabilities*** | **$0** |
| **Net Assets** | |
| ***Total Net Assets*** | **$8,010,755** |
| ***Total Liabilities and Net Assets*** | **$8,010,755** |

# Your support makes a difference!

In its fiscal year ended March 31, 2010, Emanuel Medical Center Foundation provided more than $1.2 million in support for projects to enhance patient care, provide patient and staff education, improve the health and safety of our community, and conduct research designed to find more effective medical treatments or cures. None of these important projects would be possible without the generous contributions from donors who understand the vital role Legacy Emanuel Medical Center plays in promoting the health of our community. Because of your gifts, Emanuel Medical Center Foundation was able to:

- Provide short-term supplies of prescription medications for patients who cannot be discharged from the hospital without the prescription and have no financial resources.
- Provide specialized wheelchair seating, walkers, crutches and other durable medical equipment for patients who have no other source of funding to obtain these items.
- Study and develop an optimized bicycle helmet design to prevent injuries resulting from rotational acceleration of the head.
- Purchase burn pressure garments for Oregon Burn Center patients who do not have funding or financial resources to purchase these critical therapy garments.

**Emanuel Medical Center Foundation Distributions**



*The Spiritual Care Program offers comfort quilts for patients at the end of life. The beautiful handmade quilts provide a caring keepsake for families.*

- Support the Oregon Burn Center's Burn Prevention and Education program.
- Support the Spiritual Care and Clinical Pastoral Education programs at Emanuel Medical Center.

Thanks to your generosity, Emanuel Medical Center Foundation is creating a legacy of good health for our people, our patients, our communities and our world. For that we are deeply grateful.

## New project keeps patients connected to outside world

Social networking takes on a new meaning when patients are hospitalized for a long time. Being separated from friends, jobs and the community can impair an individual's ability to recover. A study by the American College of Surgeons concluded that patients with large social networks reported better outcomes after surgery.

Recognizing the value of social support in patient care, Legacy Health created CarePages two years ago to help patients stay connected. CarePages are secure, individualized blogs that allow patients and their families to invite their friends and loved ones to receive updates, news, photos, or whatever the family chooses to make available. Friends can send messages of support to the patient through their Care Page.

The popularity of this program has grown rapidly. Now, the "Computers on Wheels with Skype" project, also known as "COWS," will take online social access a step further by providing 10 laptop computers on secure rolling carts for the exclusive use of Legacy Emanuel inpatients and their families. The computers will be linked to the internet and will be equipped with built-in video cameras, to enable patients and their families to use Skype for real-time video conversations if they so choose. Through this access, patients and their family members will find it much easier to communicate with the outside world and receive the social support they need.

Emanuel Medical Center Foundation is seeking to raise $20,000 to purchase and outfit 10 laptops and rolling carts. We look forward to your support in this endeavor that will help our patients recover more quickly and enhance our environment of family-centered care.

For more information about this important project, please contact Kathleen Buckley at 503-413-2751 or kbuckley@lhs.org. You may also make a donation using the enclosed envelope.

Each year, the Pacific Northwest Lineman's Rodeo, a collaboration of Portland General Electric, Pacific Power, Clark County PUD, IBEW Local 125 and IBEW Local 659, makes a contribution to Emanuel Medical Center Foundation in support of the Oregon Burn Center.

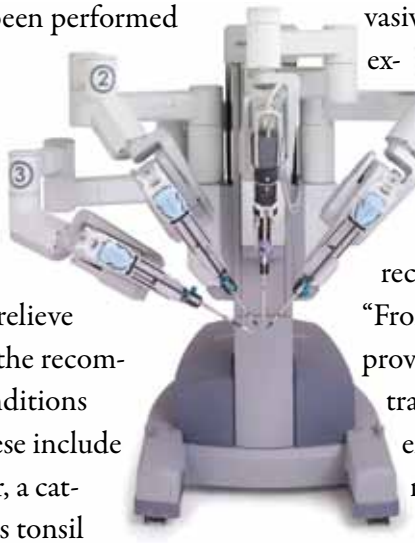
## Innovative robotic surgery one of the first

Legacy Emanuel Medical Center is one of the first hospitals on the West Cost where TORS – or transoral robotic surgery – has been performed for the treatment of cancer.

This summer, Dr. Eric Dierks performed several oral surgeries with the help of the hospital's new da Vinci Surgical System.

When medication and other non-surgical treatments cannot relieve a patient's symptoms, surgery is the recommended treatment for many conditions affecting the head and neck. These include thyroid cancer and throat cancer, a category of conditions that includes tonsil cancer, cancer of the larynx (laryngeal cancer), cancer of the pharynx (pharyngeal cancer) and tongue cancer.

With help from the robot's advanced technology, surgeons such as Dr. Dierks can perform complex procedures using a minimally invasive approach. As a result, patients may experience reduced trauma to the body; reduced blood loss and need for transfusions; less post-operative pain and discomfort; reduced risk of infection; a shorter hospital stay; faster recovery and less scarring.



*The da Vinci Surgical System enables surgeons to perform precise, minimally invasive procedures.*

"From a surgeon's perspective, vastly improved surgical access and instrumentation translates into a more straightforward operation and a much better post-operative recovery," Dr. Dierks said.

Your gifts to Emanuel Medical Center Foundation help to provide this type of innovative technology that keeps Emanuel on the cutting edge of patient care.

**Our Grey Matters,** an inaugural event to benefit the Molecular and Clinical Neurosurgery Research Fund at Legacy Emanuel Medical Center, took place on October 23, 2010 at the Grand Hotel at Bridgeport in Tualatin. It featured an informative talk by Dr. Jeff Chen, director of Neurotrauma at Legacy Emanuel Medical Center, live entertainment and an auction. In addition to raising funds, the event was held to raise awareness of Legacy's neuroscience, neurosurgery and neurospine program and advances being made through research and treatment.

Proceeds are expected to approach $50,000 when the results are all in.

Several former neurosurgery patients and their families attended the event, including Christa Knox, a patient of Dr. Chen's. About a year and a half ago, she had a brain bleed, followed by a stroke and subsequent brain surgery. Today she is doing great and is proud of her scar, which can't even be seen.

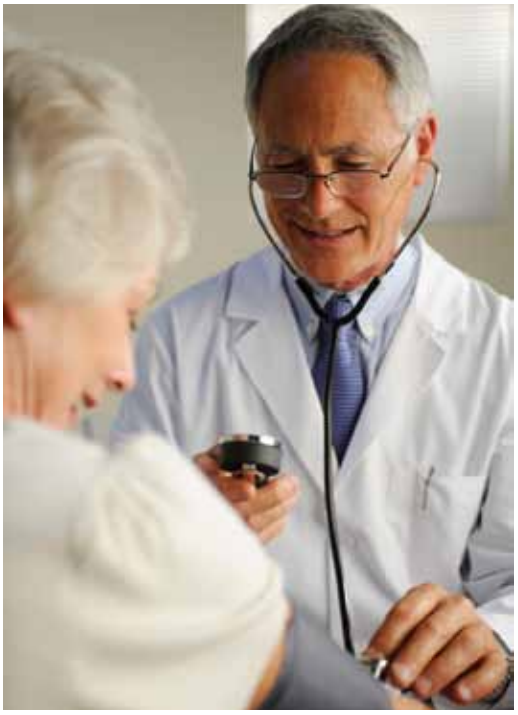
*Christa Knox with Dr. Jeff Chen at the Our Grey Matters event*

To support Legacy's neurology program, please see the enclosed giving envelope. To learn more, please contact Kathleen Buckley, development officer for Emanuel Medical Center Foundation, at 503-413-2751 or kbuckley@lhs.org.

**Emanuel Medical Center Foundation**
P.O. Box 4484
Portland, Oregon 97208

*Address Service Requested*

Emanuel Medical Center Foundation **giving**



## 'Tis the season...to consider your year-end gift to Legacy Emanuel

Now more than ever, your charitable support is needed to create a legacy of health for Legacy Emanuel Medical Center patients, their families, and the people of our region.

As you make your year-end financial plans, consider a tax-deductible gift of stock to Emanuel Medical Center Foundation. A stock gift is an easy way to support Legacy Emanuel, with tax benefits for you and your family.

Drew Hunsinger, senior director of gift planning, is available to answer your questions and provide the information your broker needs.

Give Drew a call at 503-413-6514 or email him at dhunsing@lhs.org.

Thank you for reading *Emanuel Medical Center Foundation Giving*. Please forward your comments and suggestions to Kathleen Buckley at P.O. Box 4484, Portland, OR, 97208, call 503-413-2751, fax 503-413-2787 or email kbuckley@lhs.org. Writer/editor: Sharon Sipprell

Please write to us if you do not wish to receive fundraising requests from Emanuel Medical Center Foundation in the future. In the event you contact us with this request, we will make every effort to ensure you do not receive any additional fundraising requests from us.