

CANCER CARE NEWS

SHC Cancer Center Newsletter

January 2017

Welcome to Our 1st Newsletter!

Sidney Health Center Cancer Care would like to share our news with you! With the latest technology, staff highlights, fundraisers, news articles, tips, fun things, and the latest in living well, the Cancer Care team wants you to know about us. The newsletter will be sent to SHC departments, regional healthcare facilities, fundraiser participants, and more. If you know of someone that would like to be added to our listing, electronically or by mail, please let us know. See back page for contact information.

Kathy Jensen, Manager

"Cancer touches everyone, families, friends, co-workers—We are ready to help you right here, close to home, because WE CARE!"

- Lyle Harrison, MD, RO



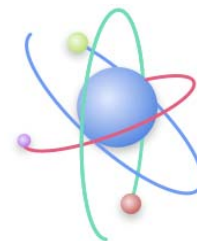
We are Sidney Health Center Cancer Care



Sidney Health Center Cancer Care Opened in 2011

In This Issue

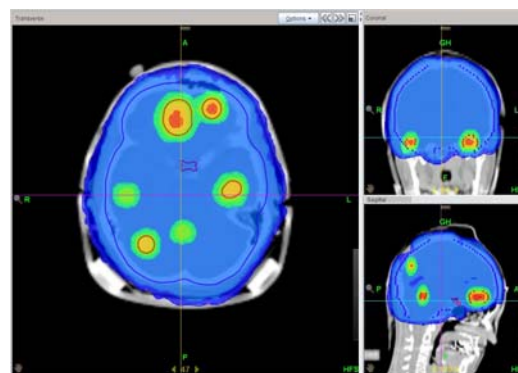
- Meet Tim Stack, Medical Physicist
- Radiation Therapy: New Treatment SBRT & SRS
- Shut Out Cancer! Hockey Fundraiser
- Patient Lodging



Know A Student Who Likes Physics?

What is a **physicist**?

The *definition* of a *physicist* is a scientist specializing in the relation between energy and matter. Physicists use mathematics, computers, and problem solving skills to find solutions for complex processes. Many physicists work in research, however, some physicists work on treating cancer, through radiotherapy, and diagnosing illness through various types of imaging, all based on physics. Tim would be glad to visit with students interested in physics!



Brain Treatment Planning



Meet Tim Stack, Physicist

Tim joins Sidney Health Center Staff

Having a full-time Medical Physicist on staff is a Super-Plus for the Cancer Care facility. With 25 years of experience, Tim started his career at the University of Missouri-Columbia with a masters in Nuclear Engineering, with an emphasis in Medical Physics. His career led him to Montana, North Dakota, and Idaho. Tim has worked as our remote physicist for the past six years and with Dr. Harrison since the late 1990's as a consulting medical physicist for radiation therapy.

Tim oversees the technical side of radiation therapy, such as the dosimetry treatment planning, dosage, machine stability mechanisms, and quality control. As a full-time employee, Tim is assisting to bring advanced treatment programs and technology to SHC Cancer Care such as Stereotactic Body Radiation Therapy and Stereotactic Radiosurgery.

With TomoTherapy and the new treatment options, Tim notes that cancer patients are able to receive radiation treatment right here in Sidney that they would have had to travel afar for years ago. What a wondrous thing for the MonDak region!

What Tim likes best about working at SHC Cancer Care is that the staff gives *personalized* care, as they have the opportunity to **know** each individual patient. And, he adds, the staff is pleasant, friendly, and truly cares about each other.

TomoTherapy:

The *Hi-Art* treatment system, available at Sidney Health Center Cancer Care, is a CT scanner and lets clinicians efficiently acquire 3D CTrue™ images of every patient, every day. With these images, clinicians can check the size, shape and location of tumors before each treatment. Daily images can be used to analyze and modify, if necessary, a patient's treatment at any point during the treatment course.



TomoTherapy, 360° Treatment Delivery

New Radiation Treatment Options:

The TomoTherapy® platform provides a platform of delivering stereotactic body radiation therapy (SBRT) to small tumors in extracranial sites with limited exposure to the surrounding organs. Treatments are usually two to five fractions with highly daily doses.

Stereotactic Radiosurgery (SRS) is a non-surgical radiation therapy used to treat functional abnormalities and small tumors of the brain. It can deliver precisely-targeted radiation in fewer high-dose treatments than traditional therapy, which can help preserve healthy tissue.

SBRT can benefit lung cancer patients with small tumors that are close to airways or to the heart. SRS damages the DNA of brain tumor cells & as a result lose their ability to reproduce.

This new technology is made available through the Foundation for Community Care donations, as well as Light the Park, and Richland Rangers Shut Out Cancer Fundraisers.



SHUT OUT CANCER!!!

The 19-U Richland Rangers Hockey Team will be hosting a fundraiser on Friday, January 27th at 5:00 p.m. for the SHC Cancer Care. Stop in to the game at the Ranger Arena or visit www.foundationforcommunitycare.org to donate online. THANK YOU!

Cancer Patient Lodging

The Cancer Center is proud to announce the opening of Big Sky Loft and Prairie Place. The two cancer patient lodging rooms are located in SHC Extended Care. With donations from **Pack it in Pink**, courtesy of Sidney High School volleyball teams, the rooms have been updated to include a handicapped shower, queen size bed, sleep chair for caregivers, linens, fridge, microwave, and comfy furniture. Patients are able to stay in the comfortable rooms during their course of treatment to allow for healthy healing and no worries about driving every day to Sidney. Thank you donors for making this possible!



Contact Us

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Visit us on the web at
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Sidney Health Center Cancer Care — WE Care About You!

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