

WELCOME TO PRIGGE RADIATION ONCOLOGY CENTER

At Prigge Radiation Oncology Center we strive to offer the best patient care, the latest in treatment modalities, and state-of-the-art technology needed to provide outstanding care to cancer patients in the San Joaquin Valley.

Dr. Peter K. Sien, M.D., M.S.H.A. leads our qualified team of nurses, therapists, medical physicists, dosimetrists and front office team members who are devoted to providing personalized and compassionate care in a comfortable environment.

OUR PHYSICIAN



Peter K. Sien, M.D., M.S.H.A., is a board-certified radiation oncologist with more than 30 years of clinical experience. He attended medical school at the Medical College of Wisconsin and did his internship and residency at

the University of California in San Francisco. Dr. Sien later completed an Associate Fellowship in Integrative Medicine at the University of Arizona.

Dr. Sien became the Medical Director at Prigge Radiation Oncology Center in 2004 and is an active medical staff member at Doctor's Medical Center, Memorial Medical Center, and Emanuel Medical Center.

(209) 575-5870

www.PriggeRadiationOncology.com

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1316 Nelson Avenue
Modesto, California 95350



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OUR ADVANCED TREATMENT OPTIONS

Prigge Radiation Oncology Center provides patients with some of the most advanced technologies available to treat cancer. Some of the treatments and technologies available at Prigge Radiation Oncology Center include:

- **Intensity Modulated Radiation Therapy (IMRT)** – a sophisticated type of external beam radiotherapy which allows delivery of precisely targeted radiation beams to tumors, while sparing the surrounding healthy organs and tissues.
- **Image Guided Radiotherapy (IGRT)** – visualized CT scans that verify target locations immediately before treatment delivery. In conjunction with IMRT, this allows for unprecedented accuracy in delivering radiotherapy.
- **Three-Dimensional Conformal Radiation Therapy (3D-CRT)** – a sophisticated set of computer assisted tomography scans (CT or CAT scans) and/or magnetic resonance imaging scans (MR or MRI scans) that create detailed, three-dimensional representations of tumors and surrounding organs for precise delivery of radiation beams to the exact size and shape of the tumor.
- **High Dose Rate Brachytherapy (HDR)** – an innovative form of internal radiotherapy that places radioactive materials directly in contact with cancer tissues using catheters or wires, which are then removed when a curative dose has been delivered to the cancer. This comprehensive, aggressive approach to treatment ensures the maximum radiation dose is given where you need it most, while sparing the healthy surrounding tissue.
- **Accelerated Partial Breast Irradiation** – a highly targeted procedure performed after a lumpectomy that uses a catheter (or catheters) to insert a radiation seed directly into the breast for a few minutes, twice a day for five days. After each treatment, the seed is removed and no radiation remains in the breast between treatments.



2011 MAKING STRIDES AGAINST BREAST CANCER OF MODESTO

Prigge Radiation Oncology Center is proud to sponsor and participate in the American Cancer Society's 2011 Making Strides Against Breast Cancer in Modesto.

Making Strides Against Breast Cancer honors breast cancer survivors, remembers people we have lost, and raises funds and awareness to fight breast cancer.

Please join us in the fight against breast cancer on Sunday, October 9, 2011 at the Gallo Center for the Arts in Modesto. Check-in will be at 8 a.m. followed by a ceremony at 8:30 a.m. and walk at 9 a.m.

For more information and to donate, please visit www.makingstrides.acsevents.org.



BREAST CANCER AWARENESS MONTH

As mentioned, October is Breast Cancer Awareness Month, making it the perfect time to highlight comprehensive approaches to breast cancer treatment that can help nearly 80 percent of patients live at least 10 years after their diagnosis.

While the main treatment for breast cancer is still surgery, with the incorporation of post-operative radiation therapy as well as chemotherapy and/or hormone blocking therapy, breast cancer patients have better outlooks than ever before.

Radiation therapy, a painless and targeted treatment designed to kill cancer cells that may still exist after surgery, can be delivered via external beam radiation therapy such as three-dimensional conformal radiation therapy (3D-CRT) or through the use of accelerated partial breast irradiation (APBI).

Patients who are candidates for 3D-CRT or other forms of external beam radiation will typically undergo a series of treatment sessions five days week, for six to eight weeks. For APBI, flexible plastic catheters or a balloon are inserted in to the breast to deliver targeted brachytherapy. Typically APBI requires treatment twice a day for five days.

Prigge Radiation Oncology Center provides 3D-CRT, APBI and other forms of radiation therapy to help breast cancer patients overcome their diagnoses. Our center also works closely with breast surgeons, medical oncologists, hematologists and other cancer specialists to ensure that each patient receives the most comprehensive, inclusive and beneficial course of treatment.

Learn more about Prigge Radiation
Oncology Center by calling
(209) 575-5870

or by visiting our redesigned website at
[www. PriggeRadiationOncology.com](http://www.PriggeRadiationOncology.com)