

Evansville Cancer Center's Community Involvement



The fight against cancer will only be won if communities get involved, and thus Evansville Cancer Center/Vantage Oncology does its best to be a part of community involvement in any way possible. American Cancer Society's Relay for Life took place at Central High School beginning on Friday, June 1, and continuing through Saturday, June 2. In addition to being a corporate sponsor of this event, ECC/VO's army-themed team with the motto "Combat Cancer" led by Stephanie Proctor consisted of 32 members, ten members of which stayed the entire night, making sure that someone was on the track at all times for the 24-hour period. The members enjoyed themselves and kept busy by not only walking on the track but also by participating in the contests that took place during the event. At the end of Relay for Life, ECC/VO had received the most points from participating and was awarded the Relay for Life 2007 Game Champion trophy. As participants, ECC/VO is proud to hear that as of July 17, Relay for Life has raised \$72,182 from all the teams involved in the event.

More recently ECC/VO participated in the Susan G. Komen Bowl for the Cure that took place on Friday, July 13, at Willow Bowling Center. ECC/VO's two teams had a wonderful time cosmic bowling and raising money for breast cancer.



Evansville Cancer Center would like to recognize the tireless efforts of our own cancer survivor, Stephanie Proctor, RT (R)(T) as team captain for the American Cancer Society's Relay for Life and for the Susan G. Komen Bowl for the Cure and Race for the Cure!

■ EVANSVILLE CANCER CENTER RADIATION ONCOLOGISTS

Al Korba, M.D., FACRO, Jon D. Frazier, M.D. & Shannon Lamb, M.D.

MEDICAL ONCOLOGIST

Rick Ballou, M.D., Ph.D.

RADIATION PHYSICISTS

Saiyid Masroor Shah, Ph.D. & Arnold Sorensen, B.S.

■ HENDERSON CANCER CENTER - Shannon Lamb, M.D., Radiation Oncologist & Rick Ballou, M.D., Ph.D., Medical Oncologist

■ TRI-COUNTY CANCER CENTER - JASPER - Crystal Reed, M.D., Radiation Oncologist

Evansville Cancer Center is the only ACR accredited cancer facility in the entire Tri-State area!

700 N. Burkhardt Road, Evansville, Indiana 47715

Vantage Oncology

Evansville Cancer Center

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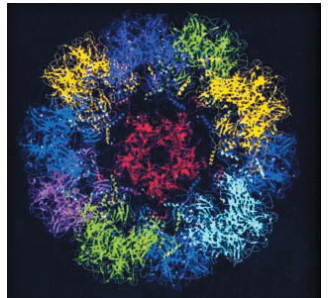
REGIONAL Oncology Update

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Summer 2007*

New Advances on the War Against Cervical Cancer

Since the advent of the Pap test in the 1940s for cervical cancer screening, the incidence of invasive cancer has decreased by 75%. Regardless of this decrease, there will be 11,150 new cases diagnosed and 3,650 deaths from the disease this year alone in the United States.

Human Papilloma Virus (HPV) is a sexually transmitted virus that was first linked with cervical cancer in 1975 and is now known to be the causative agent. There are over one hundred types of HPV, and between thirty and forty of these are anogenital and give rise to cervical cancer and genital warts. It is types 16 and 18 that are responsible for 70% of cervical cancers. Statistics show that by age fifty, at least 80% of women will have acquired a genital HPV infection. Most of these are transient infections and will clear due to the patient's own immunity, but persistent infection leads to cancer.



Virus-like Particles (VLPs) Assembled from the L1 Protein of Human Papillomavirus 16.

HPV is most prevalent in the twenty to twenty-four year old age group which demonstrates that 44.8% are infected, and of women age twenty-five to thirty-nine, 27.5% test positive. What may be astonishing is that 24.5% of fourteen to nineteen year old females have positive HPV, yet this will not be a surprise when looking at recent survey statistics from the Center for Disease Control (CDC) which show that 43.6% of female high school students are sexually active, and 19.1% of eighth grade females and 8.6% of sixth grade females admitted to having had sexual intercourse. Cervical cancer is a disease of young women with a peak incidence age of approximately forty. High risk HPV—types 16 and 18—are the etiology as well as persistent infection with HPV for cervical cancer.

Now in the 21st century, we finally have the means to actually prevent cervical cancer and significantly decrease the morbidity and mortality of this young group of patients. This power comes from the utilization of the first HPV vaccine approved by the FDA in 2006 as well as the continuation of Pap screenings. The vaccine is not therapeutic but is protective. It is a viral like particle without any active DNA and cannot cause

the infection. This presently approved MERCK quadrivalent vaccine is effective against HPV 6, 11, 16, and 18. It is types 16 and 18 that are the genesis of 70% of cervical cancers, and type 11 is responsible for 90% of genital warts. This vaccine has shown essentially 100% efficacy against HPV 16 and 18 as well as eighteen pre-cancerous conditions of those noted on Pap tests. The vaccine should be administered before the onset of sexual activity—before exposure to the virus—and therefore routine vaccination is recommended for girls eleven to twelve years of age. The vaccine is, however, also recommended for girls and women thirteen to twenty-six years of age even if these individuals are already sexually active. Screening with the Pap test is still necessary because the vaccine does not protect against all known HPV types responsible for cervical cancers.

In today's world, we, as doctors, are among the best witnesses to technological and scientific advancements. We understand their importance and appreciate the increase in control they provide us over the care of our patients.

- Shannon Lamb, M.D., Radiation Oncologist, Evansville Cancer Center

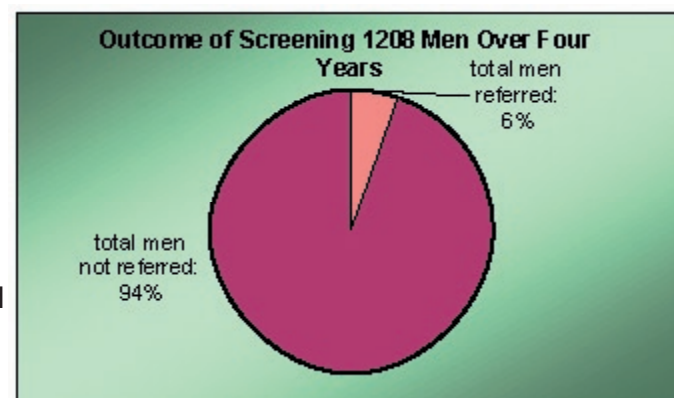
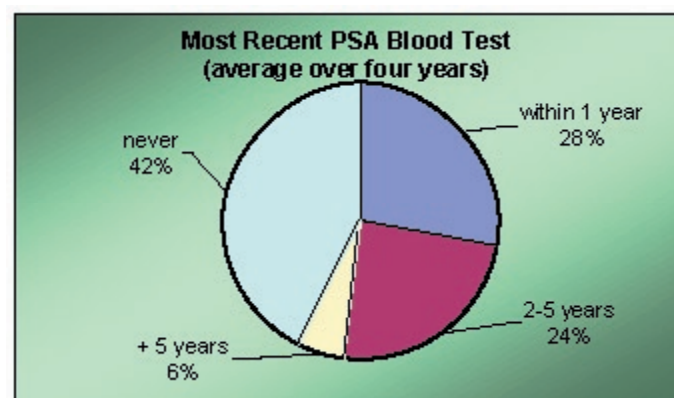
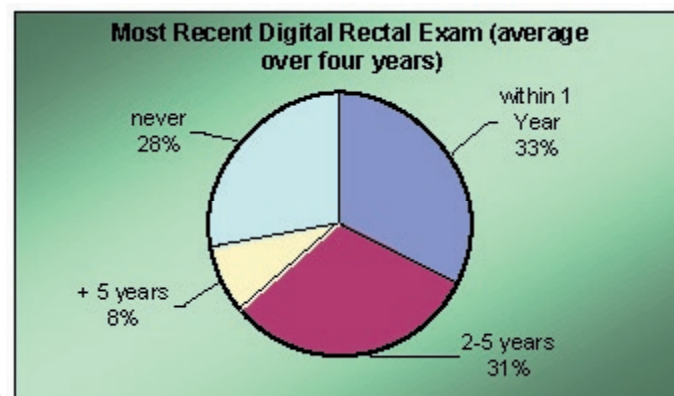
Prostate Cancer Awareness On-Going Efforts

With Evansville Cancer Center/Vantage Oncology's annual Prostate Cancer Awareness Program planned for August and the Prostate Cancer Awareness Month of September following close behind, it is important to reflect on why so much time is and should continue to be allotted to prostate cancer awareness education and free, public prostate cancer screenings. Over the past four years, Evansville Cancer Center in partnership with Tri-State area urologists have provided free screenings to the public as well as to specific companies and industries. A total of 1,208 men have been screened, and of these men, 68 were found to have either high PSA levels or abnormal digital rectal exams and were thus instructed to seek further attention from their primary care physician or a urologist. The alarming fact from the compiled statistics over the four-year period is that on average, only 33% of men are having annual digital rectal exams and only 28% of men are having annual PSA blood tests.

The problem with getting the word out about prostate cancer is that men do not want to talk about the subject. Many do not receive annual physical exams, let alone prostate exams or screenings. Very often the mentality is, "If I am not sick, I will not go to the doctor." What men do not realize is that by the time symptoms appear, prostate cancer could be at an advanced stage necessitating more than one treatment modality.

In order to try and educate men on the importance of taking charge of their health, Evansville Cancer Center began an annual Prostate Cancer Awareness Program in 2002 that takes place in August with the signature part of the program being a famous guest. The goal of this program is to bring men in the community together for a day of information and education on prostate cancer and to allow them to meet favorite sports stars such as Len Dawson and Bart Starr last year or the Cardinal Caravan of Red Schoendienst, Whitey Herzog, and Lou Brock coming this year.

The overall goals of Evansville Cancer Center are to raise awareness of prostate cancer and make men more comfortable when talking about this disease. The American Cancer Society estimates that 218,890 men will be diagnosed with prostate cancer and 27,050 will die from the disease in 2007 alone. The key to reducing these statistics is early detection spreading the message, "Get screened; it could save your life."



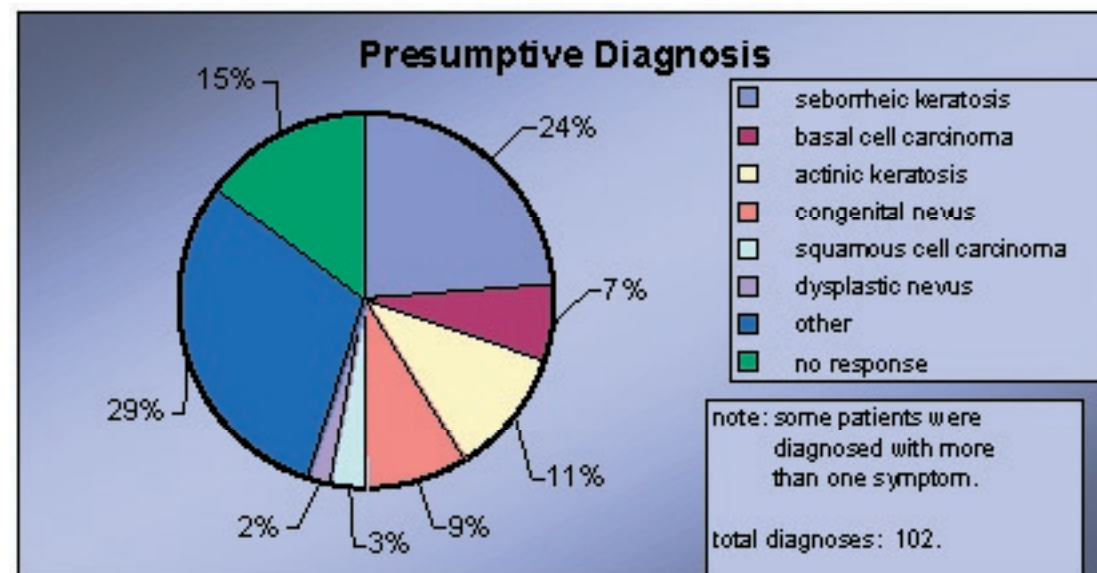
The Evansville Cancer Center/Vantage Oncology would like to thank the urologists in the Tri-State area & LabCorp for teaming with us to provide educational awareness of prostate cancer and free prostate cancer screenings.

William Fisher, MD, Phillip M. Gilson, MD, Barney Maynard, MD, Todd Renschler, M.D., Bruce Romick, MD, Bill Samm, MD & Michael Zenni, M.D. of Urological Associates, Inc. Thomas Gadiant, M.D. of Urology Consultants & Paul F. Siami, MD of Welborn Clinic

2007 Skin Cancer Screening Results

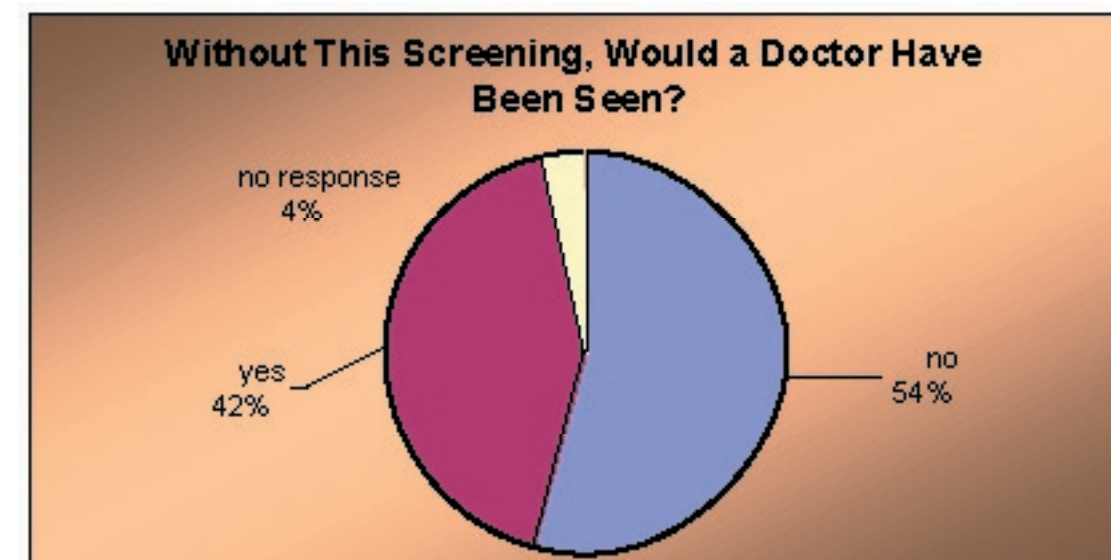
Because May was Skin Cancer Awareness Month, Evansville Cancer Center joined with dermatologists Dr. Shari Barrett and Dr. Jane Lim to provide free, full-body skin screenings to the Evansville public. A total of 85 people ranging from the age of 18 to age 83 participated in the screening. By the end of the event, 34 people had been instructed to receive further care from their primary care physician or a dermatologist, and 18 biopsies were recommended. As seen in the graph, some form of skin irregularity was found on almost every participant.

Evansville Cancer Center continues to try and educate the public as much as possible on the effects of sun damage to skin and the dangers of skin cancer. The need for continuing education is shown through the fact that 19% of the participants in the skin screening reported always using sunscreen, yet many of them were users of indoor tanning equipment. The myth that tanning beds are safer than the natural sun is believed by many when in fact the American Academy of Dermatology reports that they are fifteen times more dangerous.



Evansville Cancer Center provides free screenings for the public in hopes that people who normally would not be screened will participate and take a step towards properly maintaining their health. Although Evansville has many talented and experienced physicians as well as the most advanced technology, the public is not receiving the care they

need simply because they are not seeking out medical attention. This year's skin screening demonstrates this point. Over 50% of the participants had never had a previous skin screening of any kind. Furthermore, as seen in the graph, 54% of participants would not have seen a physician had it not been for this screening. It is more important than ever to reach out and inform persons of their need for annual skin screenings and how they can access resources to accomplish that goal.



Evansville Cancer Center would like to thank Dr. Barrett and Dr. Lim for graciously volunteering their time in support of Skin Cancer Awareness Month sponsored by the Evansville Cancer Center and the American Academy of Dermatology.