

SPECIALIZED IMAGING TO IDENTIFY LOCATIONS OF METASTASIZED PROSTATE CANCER

Compiled by Charles (Chuck) Maack – Prostate Cancer Activist/Mentor

DISCLAIMER: Please recognize that I am not a Medical Doctor. I have been an avid student researching and studying prostate cancer as a survivor and continuing patient since 1992. I have dedicated my retirement years to continued research and study in order to serve as an advocate for prostate cancer awareness, and, from a activist patient's viewpoint, to voluntarily help patients, caregivers, and others interested develop an understanding of prostate cancer, its treatment options, and the treatment of the side effects that often accompany treatment. There is absolutely no charge for my mentoring – I provide this free service as one who has been there and hoping to make your journey one with better understanding and knowledge than was available to me when I was diagnosed so many years ago. Readers of this paper must understand that the comments or recommendations I make are not intended to be the procedure to blindly follow; rather, they are to be reviewed as my opinion, then used for further personal research, study, and subsequent discussion with the medical professional/physician providing your prostate cancer care.

C-11 CHOLINE AND C-11 SODIUM ACETATE PET/CT IMAGING:

C-11 CHOLINE:

Dr. Eugene Kwon, research co-director for the Department of Urology and the Cancer Immunology and Immunotherapy Program, Mayo Clinic, 200 First Street SW, Rochester, MN 55905, telephone 507-538-3270, Contact:

<http://www.mayo.edu/research/faculty/kwon-eugene-d-m-d/bio-00028116>

C-11 SODIUM ACETATE:

KANSAS UNIVERSITY MEDICAL CENTER

Dr. Reginald Dusing, Department of Radiology, Director, Division of Nuclear Medicine, Assistant Professor of Radiology, Assistant Professor of Family

Medicine, 3901 Rainbow Boulevard, Mail Stop 4032, Kansas City, Kansas 66160, telephone 913-588-6805 (See: http://www.rad.kumc.edu/nucmed/pet/pet_general_info_0612.pdf)

PHOENIX, ARIZONA

- Dr. Fabio Almeida, Medical Director, Phoenix Molecular Imaging , 4540 E. Cotton Gin Loop #150, Phoenix, AZ 85040, Phnoe: (520-661-5125) website www.phxmi.com, Directions: <http://www.phxmi.com/contact.html>. Also, Medical Director Southwest PET/CT Institute 1951 W. 25th St., Suite G, Yuma, AZ 85364 - in the Picacho Mountain Medical Center, telephone (928) 314-4800 website <http://www.swpetct.com> Directions: <http://www.swpetct.com/locate-us#yuma>)

USPIO (Ultrasmall Superparamagnetic Iron Oxide) Imaging – Patients are often referred for this imaging by Medical Oncologist Charles E. Myers as well as Radiation Oncologist Michael Dattoli. An ultrasmall superparamagnetic iron oxide (USPIO) enhanced MRI/CT fusion study of the chest, abdomen and pelvis in Orlando, Florida at Sand Lake Imaging is a recently available test that evaluates lymph nodes as well as soft tissue sites and other organs for any abnormality. The procedure is a slow infusion of USPIO nanoparticles with Feraheme (ferumoxytol) on the first day and then a CT of the abdomen and pelvis. The next day, 24 hours after the infusion, an MRI of the chest, abdomen, and pelvis completes the procedure. USPIO nanoparticles with Feraheme (ferumoxytol) is an excellent imaging tool to locate/identify tumor development and considered by some as better than C-11 Choline or Sodium Acetate because of their false positives. It pretty much serves as the U.S. replacement for the Combidex procedure that is only available in the Netherlands. After establishing a referral to Sand Lake Imaging, they then contact patients directly regarding the scheduling of this study prior to a consultation appointment. Sand Lake Imaging is located at 9350 Turkey Lake Road, Orlando, FL 32819-7319, telephone 407-363-2772, www.sandlakeimaging.com. Suggest call and discuss this procedure with Dr. Bravo.