

## **USPIO (Ultrasmall Superparamagnetic Iron Oxide) Imaging**

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

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 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. 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 prostate cancer care.

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 better than anything else at the moment. It pretty much serves as the replacement for the former Combidex procedure (no longer available) that patients had to travel to the Netherlands to have performed.

Sand Lake Imaging contacts 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](http://www.sandlakeimaging.com). Suggest call and discuss this procedure.

Well known Medical Oncologist Charles E. "Snuffy" Myers, as well as Radiation Oncologist Michael Dattoli, have recently been referring patients to Sand Lake for this procedure to hopefully identify, if occurring, the location of developing/recurring prostate cancer. From the reports of patients who have had this procedure, insurance will likely cover all but the Feraheme product that is infused, and that product has an expense of somewhere right around \$900.00.

