

August 7, 2013

Ronald E. Wheeler, M.D.

## Re: <u>Peter V. Multiparametric MRI of the Prostate dated</u> <u>7/20/2013</u>

Dear Dr. Wheeler:

As you requested, I have reviewed your patient's multiparametric MRI of the prostate exam performed at EUH on a Siemens 3.0 Tesla MRI unit. The exam is of good, diagnostic quality including all parameters. The exam is compared to our prior study performed at Partners Imaging Center dated 4/1/2013.

**FINDINGS:** Again identified is hypointense T2 tumor engulfing the entire prostate, demonstrating abnormal intense early wash-in and early washout on DCE, marked diffusion restriction on DWI and markedly abnormal spectroscopy with choline+creatine multiple times greater than citrate peak. Tumor is invading the base of the bladder, seminal vesicles and distal sphincter with gross extracapsular extension into left more than right neurovascular bundles. The volume of the tumor has decreased by greater than 50% volume since prior exam from 8.0 x 6.7 x 6.6 cm to now 6.3 x 5.4 x 4.7 cm. In addition, there has been reduction in size of bilateral lower pelvic lymphadenopathy. A large nodal mass within the right lower pelvis has decreased in size from 6.2 x 4.9 cm to 5.2 x 3.6 cm with less mass effect upon the right lateral urinary bladder. A nodal mass within the left lower pelvis has decreased from 5.2 x 4.1 cm to 3.7 x 2.5 cm. Multiple other lymph nodes have decreased in volume. In addition, the multiple bony metastases are less apparent and have faded in signal since prior exam. There is no evidence for progressive or new disease. Foley catheter is in proper position with the balloon within the urinary bladder. The urinary bladder is nondistended.

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**IMPRESSION:** In summary, there has been a significant positive therapeutic response when compared to prior exam. There has been significant reduction by more than 50% volume of tumor within the prostate bed. Pelvic lymphadenopathy has also significantly decreased in size and multiple bony metastases are less apparent.

Thank you for your confidence and consideration in allowing me to review your patient's exam. As always, feel free to contact me with any questions or discussion.

Kind regards,

**RICHARD M. GOLDBERG, M.D.** Diplomats, American Board of Radiology

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