

## **Buffalo Medical Group Now Offering Advanced CT Technology** *New 128-Slice Scanner Ensures Correct Radiation Dose, Enhanced Images*

WILLIAMSVILLE, NY – Buffalo Medical Group, PC, a leading Western New York provider of diagnostic and treatment services for decades, now offers the most advanced computed tomography (CT) scanning technology available to health care providers today.

BMG recently installed a SOMATOM® Definition AS+, a 128-slice CT scanner that adapts to virtually any patient, provides each person with complete dose protection, and enhances significantly the quality of the diagnostic information clinicians receive. Currently, only one other WNY health care provider offers such advanced CT technology.

The new CT scanner which was developed by Siemens Healthcare, is located in the Buffalo Medical Group Imaging Department, 295 Essjay Road, Williamsville.

Clinicians often face the challenge of scanning patients with a broad range of medical conditions and disease, each with their own set of unique circumstances such as breathing problems or weight issues. Those factors can complicate the imaging process, making it difficult for doctors to acquire the images necessary to provide a correct diagnosis. The SOMATOM® Definition AS+ provides quicker scanning and clearer images, and may eliminate the need for follow-up testing and potentially shorten hospital stays.

“This advanced technology gives Buffalo Medical Group a level of flexibility for CT scanning that we have not had previously, while providing us with the ability to perform virtually any type of exam from vessel imaging to cardiac tests to cancer staging on any type of patient,” explained Michelle A. Roesler, BMG director of Ancillary Services. “With SOMATOM® Definition AS+ technology our clinicians can improve the quality of patient care from initial diagnosis and throughout treatment.”

Ms. Roesler noted that although all CT scanners use some amount of radiation to create images of the body, the SOMATOM® Definition AS+ actively manages the radiation dose in 100 percent of spiral examinations, blocking unnecessary doses for patients before and after the spiral scan. The Siemens Adaptive Dose Shield ensures that only the clinically relevant dose is applied to the patient. She added that BMG Imaging Services are available to any patient, even if he or she does not have a BMG physician.

Another feature of BMG’s new CT scanner is adaptive 4D (high definition) spiral technology that enables physicians to differentiate, characterize, isolate and distinguish tissue, making it easier to determine the disease.

Siemens Healthcare is the first integrated healthcare company that brings together imaging and lab diagnostics, therapy and health care information technology solutions, supplemented by consulting and support services.

Founded in 1946, Buffalo Medical Group is among the oldest and largest multi-specialty physician practice groups in New York State and the largest in Western New York. With 100 specialists and sub-specialists as well as a team of 740 nurses, technologists, and other health care professionals, BMG records more than 400,000 outpatient visits annually at its main locations in Buffalo, Williamsville, and Orchard Park and 24 satellite sites.

More information about BMG's SOMATOM® Definition AS+ CT scanning is available on the *Imaging Services* page of the Buffalo Medical Group web site:

[www.buffalomedicalgroup.com](http://www.buffalomedicalgroup.com)

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