Within the medical center, there are six CT scanners, one of which is virtually devoted to performance of interventional procedures. A 16-slice scanner has recently been moved upstairs in the hospital to accommodate ICU patients and minimize the need to transport them across the hospital for these imaging studies. The department has two 64-slice multidetector scanners, one of which is located within the main department and one within the Emergency Department. Both of these scanners have EKG-gated hardware and software to permit cardiac CT applications. MR equipment in the Division of Clinical Radiology is manufactured by the General Electric Corporation and consists of three 1.5 Tesla MR scanners, one of which is located at the South Clinical Campus. The other two units are housed in the main department. There is also a 3.0T research MR scanner used primarily for neuroimaging studies. Four Vitrea 3D workstations (Vital Images, Inc.) provide post processing and 3D support for CT and MR imaging studies.