The statements by Siemens' customers described herein are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.

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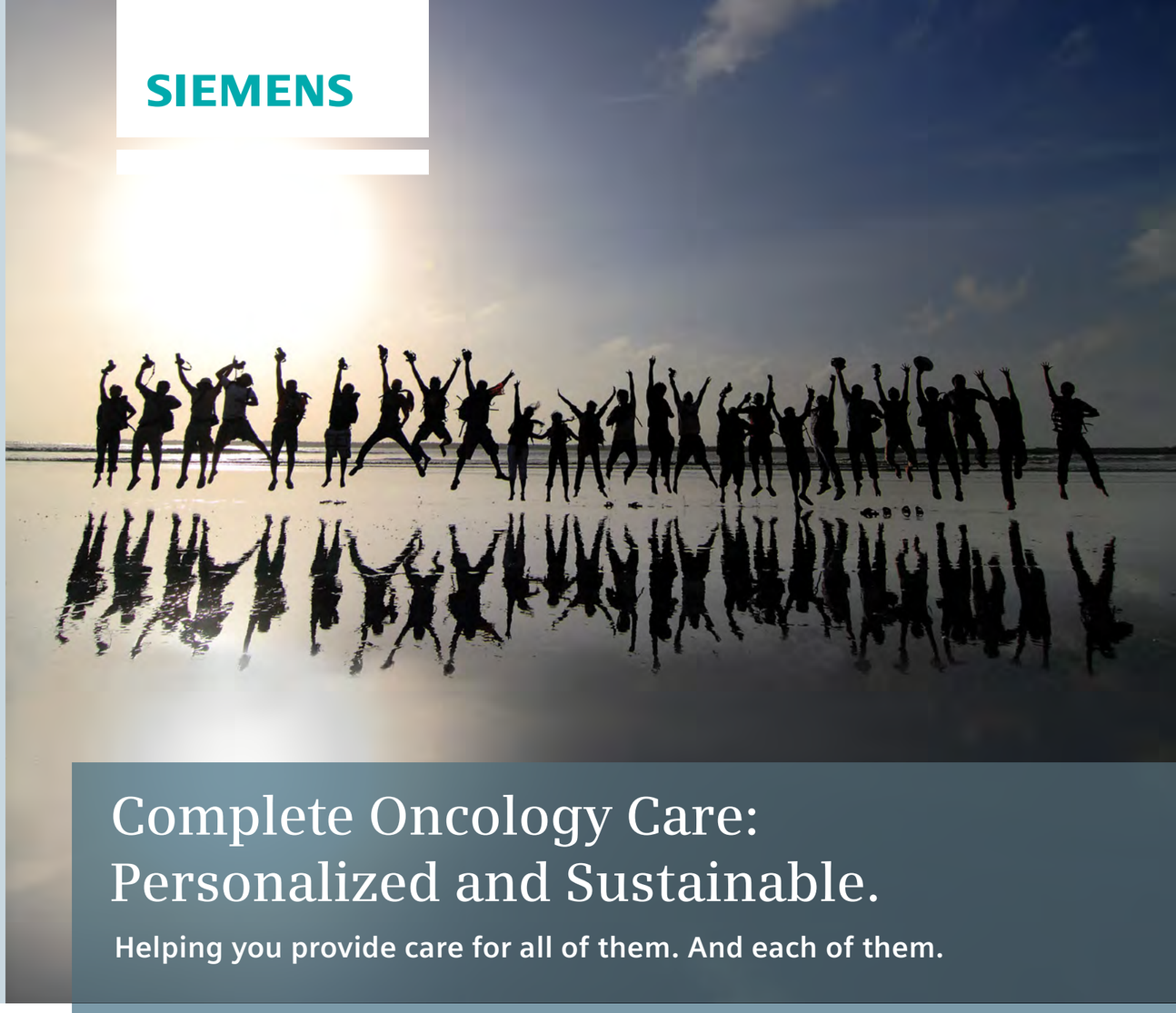

Complete Oncology Care: Personalized and Sustainable.

Helping you provide care for all of them. And each of them.

www.usa.siemens.com/oncology

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Answers for life.

Creating a healthier world—for your patients and your facility.

Diagnosing and treating cancer is a complex process, requiring more than one physician, more than one examination, and often more than one type of treatment. It requires resources—your staff, your laboratory, and your imaging systems. The more complete the information your staff receives, the better the odds of a successful patient outcome, and the more cost effective the care.

Supplying you with a comprehensive and unique set of solutions that helps you affordably provide the best possible care for your patients is the cornerstone of what we do. And with the rise of minimally invasive oncology procedures, our technology can help support more treatment options. We innovate these solutions, recognizing market trends and developing applications to cover these new needs.

In fact, from prevention and screening to diagnosis, treatment, and survivorship, we are pioneering technology that creates a healthier world for your patients and healthier operations for your facility.

"Physicians have discovered they can get their immunoassay results very quickly, and can take action on the results. In the end, that's going to reduce the time from testing to treatment."

Susan Dawson
Clinical Laboratory Manager
Swedish Covenant Hospital
Chicago, IL

ADVIA Centaur® XP
Immunoassay System

Science that serves people.

Science and research that serve people—it's why we create technologies that make earlier diagnosis a reality and improve the patient experience. Because with the tools to make earlier diagnosis possible, you may be better able to manage and treat your patient's disease.

It's about innovating technology that not only serves your patients but also your facility by making leading-edge cancer detection effective and affordable. With the right solutions in place, you open the potential for better differentiation between benign and malignant tissue, elimination of unnecessary biopsies, and optimized examination time. So your physicians can move forward with what they do best—strategizing best practice diagnostics and treatment plans that help improve the quality of life for your patients.

Innovating science that serves people with:

- A digital mammography system that can reduce radiation dose by up to 30%. Automated and integrated screening functionality reduces the number of steps required to produce examination results. And, optimized breast compression for greater patient comfort and improved image quality.
- Unique immunoassays, such as complexed PSA (cPSA), a more specific testing alternative to PSA, and Serum HER-2/neu, the only serum test available for sale in the U.S. to monitor HER-2/neu values of metastatic breast cancer patients.
- An advanced visualization and quantification tool that enables findings from prior exams to be automatically propagated for follow-up; results regarding tumor growth are instantly provided within the context-specific report.
- Automatic measurements of RECIST 1.0, WHO, and tumor volume in CT or MRI images, as well as SUV quantification on PET for more objective measurements and a better reproducibility of results because inter-reader or intra-reader dependencies are eliminated. Tumor growth rates and tumor burden can also be calculated automatically.
- Groundbreaking new technology for the X-ray tube and X-ray detection, enabling low dose 3D imaging that is vital for tumor imaging and treatment during interventional procedures.

"We did an exhaustive evaluation of mammography systems and decided that the MAMMOMAT® Inspiration was the best. The durability of the detector, the image quality, and lower radiation dose made it an easy choice."

Gordon Hixson, MD
Radiologist
Women's Health Services
Chattanooga, TN

Better information to advance care.

Cancer cells can be as different and as individual as the patients who fight them. With advanced imaging, laboratory diagnostics, and IT solutions, you can obtain detailed insight into an individual tumor, making personalized cancer care a reality. Obtain a tumor's specific characteristics in a way that is efficient, effective, and meaningful and you have what we call tumor analytics—and it can change the way you care for your patients.

With technology that helps you understand a tumor's properties and pathways, you have information that can help support patient care and reduce costs. Treatment can be more precise, delivered sooner, and, potentially, result in better outcomes. That's what makes this kind of personalized care possible and sustainable.

Providing better information with:

- A molecular CT system that can help detect, characterize, and monitor the tiniest cancer lesions with reproducible quantification, allowing the potential for improved diagnosis and treatment.
- The world's only simultaneous whole-body MRI and PET imaging, offering the ability to detect both cell structure and function for a more comprehensive diagnostic picture.
- Native tracing software for ultrasound imaging that performs automated trace measurements with area, circumference, linear, and volume results, enabling faster examinations.

"From our own experience in cervical cancer patients, we see that simultaneous MR and PET is the ideal imaging tool, covering the whole range of clinical care from diagnosis, therapy planning, monitoring, and follow-up. The benefits over other modalities are improved spatial registration, the high soft tissue contrast and functional capabilities of MRI, and minimizing the patient's scan time or dose burden."

Perry W. Grigsby, MD
Professor, Radiation Oncology
Director, Brachytherapy Center
Washington University School of Medicine
St. Louis, MO

Fast, effective solutions for treatment.

Our goal is to help you provide the best possible care from the moment a potential cancer patient walks in your facility, all the way through treatment and follow-up care. That's why we partner with Varian Medical Systems, the world's leading manufacturer of medical devices and software for cancer treatment.

Use the information you receive from our advanced imaging, laboratory, and IT systems to give you guidance in determining which treatment is right for which patient. And if radiation therapy is your strategy, Varian provides innovative solutions for image-guided radiotherapy and radiosurgery.

Follow your patients' progress by using solutions that offer fast, accurate assessment of treatment efficacy, so you can quickly improve and adjust treatment planning, enabling the potential for better patient outcomes and more efficient use of your facility's resources. Response to therapy becomes more accurate, individual, and quantifiable.

Making treatment planning faster and more accurate with:

- Monitoring Serum HER-2/neu levels yields important information about response to therapy. This helps physicians make more informed decisions when developing and modifying patient treatment regimens.
- Planning software for minimally invasive embolization procedures that uses MRI or CT preprocedural data sets to make embolizations faster with less dose and increase treatment confidence.
- CT 3D models for a highly accurate guide for radiation treatment.
- Software that provides functional 3D imaging directly in the angio suite, including blood volume maps that enable characterization and comparison of blood distribution as an effect of treatment.
- Technology that merges 3D CT and MRI data sets to real-time ultrasound. Real-time 3D needle tracking for biopsy and ablations.
- High-quality imaging, whether it's CT, PET·CT, or MRI, is essential for screening, diagnosis, and treatment planning.

"All those image quality characteristics [of the Biograph® mCT PET·CT system] will help us create carefully sculpted, highly focused plans."

Billy W. Loo, Jr., MD, PhD, DABR
Assistant Professor of Radiation Oncology
Stanford University Medical Center
Stanford, CA

VARIAN
medical systems

Strategic Partner
of Siemens for
Radiation Therapy

Technology for the insight you and your patients need.

A cancer diagnosis is just the beginning of a lifelong journey of care for your patients. Whether the disease has been in full remission or you need to keep a watchful eye on a suspicious lesion, the ability to accurately detect cancer growth is critical to your patients' ongoing best health.

This kind of clinical insight—the kind that enables increased clinical confidence and, potentially, better patient care—requires solutions that enable effective information sharing among modalities, disciplines, and providers. And those solutions are born from a vision—a vision for sustainable, integrated patient care that advances human health.

Improving insight for enhanced patient care with:

- Innovative medical imaging technology and laboratory diagnostics, combined with the use of powerful IT, to help you optimize healthcare and its processes.
- A common software solution for every step of your oncology workflow and to assess multimodality imaging exams—allowing you to streamline your clinical workflow from diagnosis to treatment and follow-up, and enabling information sharing among peers.
- A total lab automation solution that combines peak performance, adaptability, and intelligent technologies with Siemens' workflow expertise to improve turnaround time and reduce errors.
- Technology that saves valuable time by enabling physicians to read images on mobile devices[1] and easily share images and results with colleagues and patients.

[1]Prerequisities include: Internet connection to clinical network, DICOM compliance, meeting of minimum hardware requirements, and adherence to local data security regulations.

"There is no other software program available for imaging that allows accurate and reproducible quantification of imaging data for cancer patients. Evaluating, documenting, and storing serial changes in tumor diameter is invaluable for oncologists. Furthermore, the ability to follow tumor volume may redefine levels of sensitivity in tumor response, allowing faster alterations in treatment."

Alec J. Megibow, MD, MPH
Professor of Radiology
New York University Medical Center
New York, NY

Personalized care in your real-life practice.

Making cancer treatment more personal for each of your patients requires the collection, analysis, sharing, and integration of a large amount of biological and clinical information. Successfully managing that volume of information in a way that is effective and efficient is a fundamental component of your ability to provide care. Marrying these two ideas—enabling personalized cancer care and its practical day-to-day implementation for your staff and facility—is at the heart of the innovations we pioneer.

Technology needs to be clinically right for your patients and operationally right for your facility. Clinically, you need solutions that enable low dose imaging and provide the right information in the right place at the right time. Operationally, solutions that are easy to use, affordable, and provide a long-term return on your investment are the most sustainable. That's why we are so committed to developing technologies that can realistically help your patients and your facility now and in the future.

Putting personalized care into sustainable practice with:

- A portfolio of applications that lowers radiation exposure to previously unseen levels and accelerates workflow through structured dose monitoring and reporting tools.
- A diagnostic large-bore CT that can be used for both CT simulation for radiotherapy planning and as a backup for radiology scans, maximizing the CT system's use.
- A flexible interventional imaging system with dedicated applications to enable minimally invasive treatment of tumors, improving efficiency and patient outcomes.
- Planned software and hardware upgrades that prolong the longevity of your system.
- On-time and reliable delivery of high-quality PET radiopharmaceuticals through the world's largest network of PET radiopharmaceutical drug manufacturing facilities and dispensing nuclear pharmacies.

With the new detector, Artis Q increased the contrast resolution four times for best-in-class soft tissue imaging with *syngo*® DynaCT, which enables better tissue differentiation and homogenous image quality.

Driven by a passion to innovate.

Our more than 40,000 employees are also parents and grandparents, sisters and brothers, husbands and wives, and daughters and sons. Together, we are committed to pushing healthcare innovation further so it provides real solutions to healthcare challenges for all the world's families—and the facilities like yours that take care of them.

At the heart of our innovation is a commitment to helping you optimize patient care and its delivery. It's why our employees have invented some of the most remarkable healthcare technology innovations to date—and why they are working to create more every day.

You can make personalized cancer care a reality at your facility. We're here to help you do it by offering real, sustainable solutions that fit your specific needs. And together, we can create a healthier world.

Learn more at www.usa.siemens.com/oncology