

Oncology Care Systems (OCS)

Which therapy does Oncology Care Systems offer?

- OCS offers radiation therapy options
- Equipment includes: linear accelerators, oncology care information systems, and other relevant advanced options (stereotactic solutions, treatment and robotic tables, treatment planning systems, in-room CT-on-rails, and robotics)

What is radiation therapy?

- Radiotherapy is the use of various forms of X-rays to treat cancer and other diseases
- During the course of breast cancer treatment, radiation therapy is used after surgery to kill microscopic cancer cells that may remain near the area where the tumor was removed
- For breast cancer, radiation therapy is commonly used following surgery and or chemotherapy
- A machine called linear accelerator is typically used for radiation therapy
- The treatment course usually consists of 10- to 20-minute sessions which are normally pain free
- The patient is positioned on an adjustable treatment table so that radiation beams can be aimed at the correct location in the patient's body
- The linear accelerator emits X-rays from several positions while rotating around the patient

Advantages of Siemens' OCS radiation treatment

- It helps prevent cancer recurrence in general
- It helps eliminate any microscopic cancer cells in the remaining breast tissue
- The advanced technology enables clinicians to maximize dose to target tissue while minimizing radiation to healthy tissue

- Image options make it possible to adjust treatment plans on a daily basis, taking into account changes in size and location that may result from the radiation therapy itself, patient motion, patient weight change, etc