

SGRT INFORMATION

When fighting prostate cancer, who is looking out for your other organs?

We are.

Radiation can be a powerful treatment for prostate cancer.

We work to make sure that the radiation treatment you need today does not affect your surrounding organs tomorrow. Here at Dattoli Cancer Center, we use AlignRT®, the premier radiation therapy guidance system, that has been shown to reduce radiation exposure to your surrounding organs while you're treated for prostate cancer.

Fight the cancer. Spare the surrounding organs and healthy tissue.

When treating cancer with radiation therapy, our goal is to deliver radiation to your prostate while protecting surrounding healthy tissue from exposure and potential damage. If you have prostate cancer, we take extra precautions to make sure that your other organs receive minimal radiation exposure during your treatment.

Then, during treatment, you'll take and hold a deep breath in the same way as before. When your body surface is at the right position, the display lights turn green and AlignRT turns the radiation beam on.

Using three cameras to monitor thousands of points on your skin, AlignRT can detect any motion as you hold your breath — side to side, up and down, forward and back and more — with submillimeter accuracy. So, if you move out of position, the radiation beam is turned off. Thus, leaving no need for tattoos!

Your cancer is treated. And your surrounding organs are protected.

Advanced technology for advanced institutions.

AlignRT – by Vision RT – is the premier SGRT (**Surface Guided Radiation Therapy**) imaging tool. In fact, Vision RT systems are now in 37 of the top 50 US News "Best Hospitals for Cancer".