

First of Its Kind Superficial Radiation Therapy in WNY

Superficial Radiotherapy (SRT) is a non-invasive treatment option for non-melanoma skin cancers (NMSCs) including basal cell carcinoma (BCC) and squamous cell carcinoma (SCC), the most common forms of skin cancer. With SRT, low energy x-rays penetrate the cancer cells in the skin, killing the sensitive fast-growing cells that make up the tumors. The procedure is highly effective with a >95% cure rate and it is painless and cosmetically appealing (no surgery scars). The procedure is non-invasive and pain-free and thus requires no anesthetics. A full treatment requires multiple short sessions to maximize cure rate and minimize side effects. Patients can expect a little redness and a perhaps a protective scab which resolves.

We introduce the Sensus SRT-100+ (Sensus Healthcare, Boca Raton, FL), the first of its kind delivery system for superficial radiation therapy in WNY. As easy to use as a dental x-ray machine, it delivers its x-rays through the use of applicator cones designed to deliver accurate, reproducible radiotherapy doses. While not the right choice for all patients, SRT is a great alternative for older patients who are not good surgical candidates all while having cost parameters equivalent to in office Mohs surgery. In addition to skin cancers, SRT is the only FDA-approved treatment for keloids with cure rates of 96% with only two post-surgical treatment sessions.



NIAGARA DERMATOLOGY
ASSOCIATES LLC

LEWISTON

KENMORE

EAST AMHERST

Mohs Micrographic Surgery

Mohs micrographic surgery (MMS) is the single most effective treatment for non-melanoma skin cancers. Unlike standard excisions which require large circumferential margins in a single step to maximize effectiveness, MMS takes a staged approach with a minimal initial margin followed by subsequent stages only in the area of persistence, terminating once the margin is clear. This results in a higher cure rate and a smaller defect, the latter resulting in less complicated repairs and a better cosmetic outcome. In MMS, the surgeon has the unique ability to excise the lesion, review its pathology under the microscope, and repair the defect.

Both Dr. Ramsdell and Dr. Miller are experienced Mohs surgeons having performed hundreds of these procedures for theirs and referring providers' patients. And, with MMS being the best at clearing the tumors, we will gladly work with plastic surgeons, head and neck surgeons, and oculoplastic surgeons to clear the tumor first with subsequent repair by the referring surgeon.

Full-spectrum Skin Cancer Treatment

Niagara Dermatology has the widest range of treatment options for non-melanoma skin cancers (NMSCs) in WNY. Because NMSCs are generally non-lethal, treatment options are available that range from the lowest cure rate with the least invasive aspects to the highest cure rate that are most invasive. Decisions are based upon the type of NMSC, the size of the lesion, lesion location and whether it has been treated previously. Other factors include the age of the patient, their immune status and patient desire. Treating with one option does not exclude treating subsequently with another, however, there is risk that subsequent treatments will be less effective or that the lesion will become larger.

Because of our expertise in all NMSC treatment modalities, the patient can be assured that treatment at Niagara Dermatology is tailored to the patient's needs and desires. Niagara Dermatology uniquely has this ability.

NMSC Cure Rates

Mohs surgery	>96%
Superficial radiation	95
Standard excision	90-95
Electrodessication and curettage	85-90
Topical chemotherapy	80
Cryosurgery (LN2)	60

COVID-19 Safety Changes

Our East Amherst office has incorporated procedures to maximize patient safety during the COVID-19 pandemic. Each exam room has been equipped with UV-C light sources which serve to sanitize room air and surfaces in between patient visits (NewSource LLC, Lockport, NY 716.449.0050). We have also incorporated new design elements into the waiting room with dividers separating patients and limited seating capacity to meet mandatory social distancing parameters.