Thyroid radiofrequency ablation (RFA) is a non-surgical treatment for thyroid nodules that provides an alternative option to surgery for patients with symptomatic or enlarging benign thyroid nodules. Instead of being performed in the operating room, thyroid RFA can be done in a clinic setting. As a result, this procedure does not leave a scar or require anesthesia, providing patients with other comorbidities with a safer alternative to surgery.

Thyroid RFA is a new, safe, effective, and innovative therapy that can shrink thyroid nodules by up to 90% in a durable fashion. Outcomes from thyroid RFA procedures have been studied for several years and have a complication rate lower than surgery. Our team at Rush will closely follow the outcomes to ensure the highest quality of care and the best results for our patients.

This procedure will be performed in collaboration with a multidisciplinary team of providers, including medical endocrinologists and primary care clinicians. We also have a highly skilled support staff of nurses and medical assistants who are trained to assist in performing this procedure.

Who is an ideal candidate for this procedure?

The ideal patient for thyroid RFA would have one of the following conditions:

- Benign thyroid nodules that are enlarging
- Symptoms of neck compression from the enlarged thyroid
- Cosmetic issues related to an enlarged thyroid

Thyroid RFA is also an excellent therapy to treat an overactive nodule, otherwise known as a “hot” thyroid nodule, which may cause a hormone imbalance in the body.
Why refer your patients here?

**First-rate care:** *U.S. News & World Report* ranked Rush University Medical Center’s otorhinolaryngology, head and neck surgery program as among the best in the nation.

**Latest treatments:** Rush is the first hospital in Chicago to offer thyroid RFA for the treatment of benign thyroid nodules.

**Clinical trials and groundbreaking therapies:** Our physicians are leaders in cutting-edge clinical and basic scientific research, including clinical trials aimed at improving treatment for a variety of conditions and shaping the future of ENT care.

Our Team

Mihir Bhayani, MD  
**Clinical expertise**  
Head and neck surgery  
- Thyroid biopsy, molecular biopsy, radiofrequency ablation, surgery and ultrasound

Sean Wrenn, MD  
**Clinical expertise**  
Endocrine surgery  
- Thyroid biopsy, molecular biopsy, radiofrequency ablation, surgery and ultrasound

Locations

**Rush University Medical Center**  
Professional Office Building  
1725 W. Harrison St.  
Suite 250  
Chicago, IL 60612

**To learn more or to refer a patient for thyroid radiofrequency ablation, contact the following individuals:**

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**U.S. News & World Report** ranked Rush University Medical Center’s Cancer Center among the best in the nation.