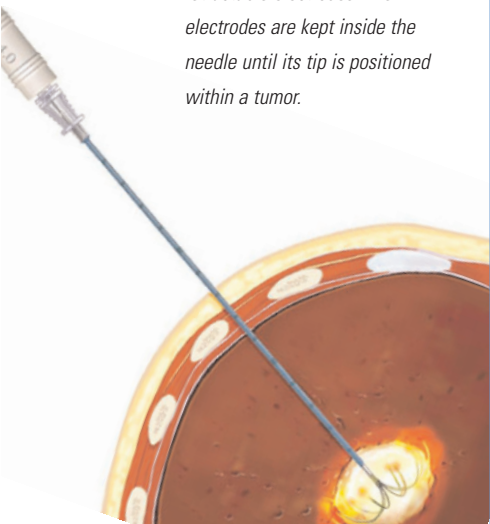


TOPic Of The Day:

RADIOFREQUENCY ABLATION (RFA) FOR LUNG CANCER

→ ***As the regional leader in thoracic oncology care, University Hospital offers Radiofrequency Ablation (RFA) to Central New York patients.***

Radiofrequency ablation needle devices contain multiple curved, retractable electrodes. The electrodes are kept inside the needle until its tip is positioned within a tumor.



Certain Lung Cancer Patients Can Benefit From RFA

Radiofrequency ablation (RFA) can help lung cancer patients who are not candidates for traditional surgery, due to advanced disease in the lungs, poor cardiac function and/or poor pulmonary function.

Performed by interventional radiologists at University Hospital since 2000, RFA is much less invasive than open surgery. Guided primarily by computed tomography (CT) scanning, a small needle electrode is inserted through the skin and directly into the tumor tissue. Radiofrequency energy consisting of an alternating electrical current in the frequency of radio waves is passed through the electrode. The energy causes the tissues around the needle electrode to heat up, killing nearby cancer cells. At the same time, heat from radiofrequency energy closes small blood vessels and lessens the risk of bleeding. RFA usually causes little discomfort. It is usually done as an outpatient procedure that does not call for general anesthesia.

Advantages of RFA

- Effective treatment for small cancers
- Minimally invasive procedure with no skin incision
- Minimal risk to patient
- Typically little or no pain after the procedure
- Minimal hospital stay
- Procedure can be repeated if new cancer appears

Contact TOP

If you would like more information about Radiofrequency Ablation (RFA) at University Hospital, call MD Direct, 800-544-1605



Ernest M. Scalzetti, MD
Radiofrequency Ablation (RFA)
Professor of Radiology

VIEWS
FROM
THE
TOP
UNIVERSITY
HOSPITAL'S
THORACIC
ONCOLOGY
PROGRAM

University Hospital...
providing **TOP** care
for your thoracic
oncology patients.

www.upstate.edu/top



TEAM APPROACH to treating thoracic cancers — including lung cancer, esophageal cancer, mesothelioma, mediastinal tumors, thymoma, malignant pleural effusion and cancers metastatic to the chest.

ONE APPOINTMENT CONVENIENCE for patients to meet with **specialists from:** Thoracic Surgery, Medical Oncology, Radiation Oncology, Pulmonary Medicine and Thoracic Radiology.

PERIODIC UPDATES on University Hospital's treatment options for your thoracic oncology patients at the **region's only academic medical center.**

If you would like more information on **management of pleural effusion** please contact us at MD Direct, 800-544-1605.

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