

Fluorescence Bronchoscopy

LIFE bronchoscopy is currently
FDA approved for the detection of
lung cancer when used with stan-
dard bronchoscopy.

We hope that it may be used as a
screening tool to detect early lung
cancer before the cancer spreads.
If lung cancer is detected early,
patients have more treatment op-
tions. These options may result in
improved survival.



Courtesy of UNC Medical Illustration

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UNC
**LINEBERGER COMPREHENSIVE
CANCER CENTER**
**MULTIDISCIPLINARY THORACIC
ONCOLOGY PROGRAM**

***GET
A
LIFE!***



National Institute of Health
**National Institute of
Environmental Health Sciences**

LIFE Bronchoscopy - Lung Imaging Fluorescence Endoscope



Lung cancer is
the most lethal
cancer in the
world in both

men and women. Over
160,000 people die yearly in
the United States. Unlike co-
lon cancer, breast cancer, cer-
vical cancer, and prostate can-
cer, there is currently no reli-
able test to detect early lung
cancer. People are most often
diagnosed with lung cancer
when it has already spread
and the chance for a cure is
less likely.

LIFE Bronchoscopy

LIFE Bronchoscopy is a camera
which can show the insides of
the lungs. It uses special light
(fluorescent) which can detect
early spots in the lungs. These
early spots are either pre-cancer
or cancer that has started to
grow. These spots are not able
to be detected with chest x-rays
or CAT scans.

UNC and NIEHS

The University of North Carolina
and the National Institute of En-
vironmental Health Sciences
(Division of the National Insti-
tutes of Health)
are working to-
gether. They will test LIFE bron-
choscopy as a screening tool for
early lung cancer.



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are working to-

Many risk factors for lung can-
cer have been identified. This
study will attempt to examine
the lungs of people who are at
increased risk for lung cancer
due to smoking, family history
of lung cancer, and other
causes.

Qualified applicants will have a
complete medical history and
physical examination. These
will be done by a lung specialist
at UNC. Applicants will com-
plete a list of questions to esti-
mate possible risk factors for
lung cancer.

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