



*Lung Cancer
Long-Term
Outcome Study*



Purpose of Study

Lung cancer prognosis is mainly determined by what stage of the disease an individual is diagnosed. Not all patients are diagnosed at the same stage nor do they have the same symptoms and length of survival. Recent evidence shows that some inherited factors could influence the course of the disease including response to treatment, disease progression, development of new cancer, and survival. The purpose of this study is to learn whether these inherited factors affect the clinical course of lung cancer which includes recurrence and survival. Learning what these factors are will help physicians and their patients make better decisions on how to treat lung cancer.

Participation in this study does not mean that you are suspected of having a genetic cause for your cancer outcome.

What is Involved in the Study?

As a study participant you will be asked to:

- 1) Fill out a questionnaire concerning your well-being after 5 years following your initial lung cancer diagnosis. This questionnaire takes about 20 minutes to complete. After you receive the first questionnaire you will be sent one questionnaire each year for approximately 5 years.
- 2) You may be asked to donate approximately 30–40cc (4–5 tablespoons) of blood.

We will make every effort to collect this blood sample with your routine blood work to avoid an additional blood draw.

- 3) For patients undergoing surgery, give permission to use, for research, a small sample (about the size of 1/4 to 4 peanuts) of the tissue that has been taken as part of your regular medical care.

What are Benefits of Participation?

There may be no direct clinical benefit to you from participating in this study; however, your responses to the questionnaires, along with your blood and/or tissue sample, will be useful in learning more about the biological factors of lung cancer's long-term outcome. This new knowledge may lead to the discovery of new disease coping strategies for patients, new drugs for treating and preventing lung cancer, and the development of a treatment plan for each individual.

What are the Costs of Participation?

You will not need to pay for any tests or procedures which are done just for this research study. Some of your time, however, will be spent filling out a questionnaire once a year. If you choose not to participate, you will not jeopardize your present or future medical care at the Mayo Clinic or other benefits to which you are entitled.

What About My Privacy?

All data from the study will be used for research purposes only. Results of any tests will not become part of your Mayo Clinic medical record. Results may be published in a scientific journal, but your identity will not be released. This is in keeping with the Mayo Clinic's policy of patient confidentiality.

Will I Know the Results of this Important Research?

At a future date, if clinically useful information arises as a result of this study, we may contact you for discussion of optional clinical testing. You do not have to decide about it at this time.

What Happens Next?

You will be contacted shortly by our study coordinator regarding your decision to participate. If you elect to proceed, you will be asked to fill out a questionnaire and possibly donate a blood sample.

Thank you for taking the time to consider our study. If, at any time, you have any questions, please contact Sheila McNallan at 507-266-1065, or Susan Ernst at 507-284-5553.



200 First Street SW
Rochester, Minnesota 55905
www.mayoclinic.org

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