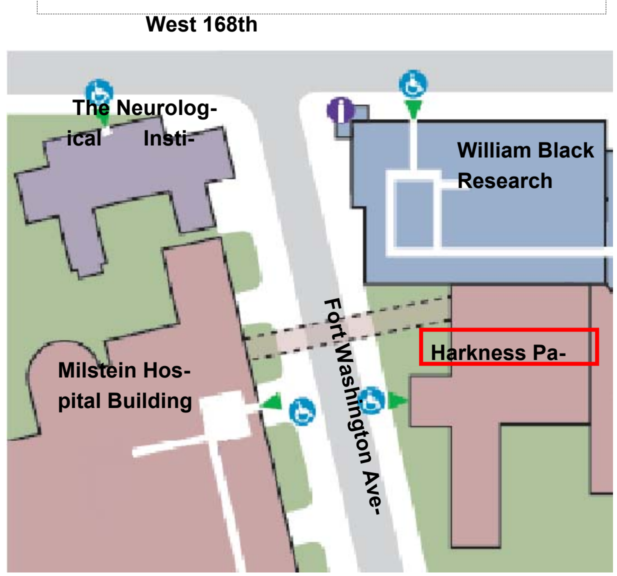
## *What is the purpose of this research?*

Acromegaly is a condition in which to much growth hormone is made by a tumor of the pituitary gland. The purpose of this study is to characterize the outcome of surgery and other therapies for acromegaly. In this study patients with acromegaly will have levels of hormones measured over time so that we can gain better understanding of those factors responsible for the excess morbidity and mortality in acromegaly. If you decide to participate in this study, the first part of the study consists of an interview and examination of you. You will also have blood drawn for measurement of the following hormones: growth hormone, insulin-like growth factor (IGF-1), insulin, leptin, ghrelin, glucose, IGF binding proteins, interleukin-6, C-reactive protein, cholesterol, lipoprotein (a) and homocysteine. You will then come for visits over time after surgery or your other therapy for acromegaly.

**<u>Research Center Location:</u>**

Columbia University
College of Physicians and Surgeons
Neuroendocrine Unit
180 Fort Washington Avenue
Harkness Pavilion
9th Floor, Room 970
New York, New York 10032




IRB Protocol #: AAAA0890

Title: Prospective Study of Outcome After Therapy for Acromegaly

Principal Investigator: Pamela Freda, MD

COLUMBIA UNIVERSITY MEDICAL CENTER

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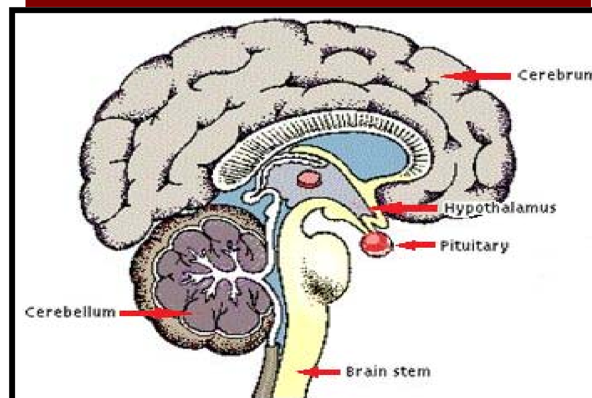
# Prospective Study of Outcome After Therapy for Acromegaly




Neuroendocrinology

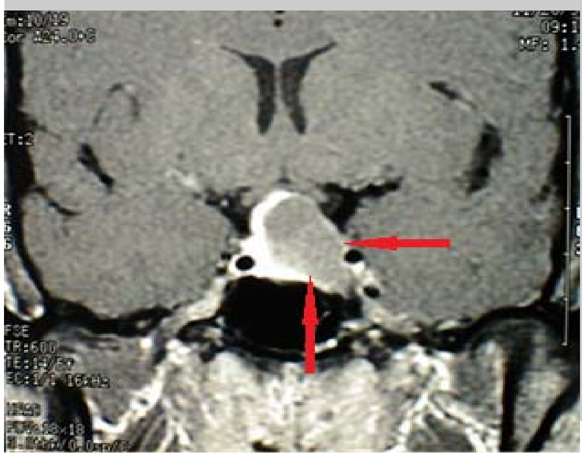
## *Who can participate in the study?*

Men and women 18 years of age or older who have been diagnosed with Acromegaly are invited to participate in this study.

**The following groups can participate:**

- All patients with acromegaly who presents for pituitary surgery with Dr. Jeffrey Bruce at Columbia University Presbyterian Medical Center or to the Columbia University Neuroendocrine Unit for evaluation will be invited to participate.

- Patients who are newly diagnosed and have not received treatment as well as patients who have previously been treated for acromegaly may join the study.



## *What does the study involve?*

If you undergo surgical therapy you will then be seen for the study on an initial research visit before surgery and then visits 1 week, 1, 3, 6 & 12 months after surgery and every year after that for five years.

At your discretion or at the discretion of the research team the interval between your visits may be lengthened to every 2 to 3 years at some time in the future.

If you are receiving another form of therapy for acromegaly your visits will take place before and yearly during the course of your other therapy such as medications.

If you have undergone surgery at some time in the past you may join the study at any point in its course and undergo the procedures described above as appropriate.

## *Each visit will include the following:*

- ♦ Medical history review
- ♦ Physical examination by Dr. Freda
- ♦ Measurement of blood pressure, pulse, height and weight, ring size, waist and hip
- ♦ Blood tests to measure standard and new pituitary hormones
- ♦ Completion of questionnaires about your health and symptoms of acromegaly

## *Voluntary Participation:*

Your participation in the study is voluntary. You may decide not to participate in the study and you are free to withdraw from the study at any time.

## *Compensation:*

You will receive compensation for parking and transportation costs during your visits for this study up to a maximum of $40.00 per visit. There are no costs to you for participating in this study.

## Research Contacts:

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