

The Center for LAM Research and Clinical Care

The Center for LAM Research and Clinical Care at Brigham and Women's Hospital is focused on providing excellence in clinical care and offering the most up-to-date research for women with lymphangioleiomyomatosis (LAM). The combination of comprehensive clinical care and leading edge research creates an ideal setting to increase our understanding of LAM pathogenesis and treatment. Partnership with the LAM Treatment Alliance enables us to play a leadership role in aggressively fostering and funding research and community coordination globally.

What is Lymphangioleiomyomatosis?

Lymphangioleiomyomatosis (LAM) is a rare, progressive multi-system disease that most commonly affects women in their childbearing years. LAM is characterized by smooth-muscle-like cells that infiltrate the lungs, kidneys and lymphatics. Healthy lung tissue is overtaken by cystic and nodular changes. One gene defect has been identified. The mechanism of pathogenesis and other gene defects are not well-understood.

LAM Clinical Services

The Center for LAM Research and Clinical Care is comprised of a multi-disciplinary team of clinicians providing patient-focused care to women at all stages of the Disease. Clinical services include:

- **Coordinated support and care management through the Center's nurse coordinator**
- **Comprehensive diagnostic testing for newly referred patients and formulation of a detailed disease management plan**
- **Access to a variety of designated specialists to assist in management of the specific health concerns of women with LAM**
- **Highest quality screening and care for patients with both LAM and TSC through our strong partnership with the Herscot Center for Tuberous Sclerosis Complex (TSC) at Massachusetts General Hospital**

Assistance with travel logistics is available for patients living outside of the United States by the Center's research and clinical care coordinator in cooperation with Brigham and Women's International Office. Financial assistance may also be available based on need through the LAM Treatment Alliance (www.cureLAM.org).

LAM Research

The Center for LAM Research and Clinical Care connects women with LAM, expert clinicians, and leading researchers in the LAM field, to accelerate translational research focused on innovative clinical studies including trials.

Research Initiatives

- **Development of more predictive biomarkers of disease progression and response to treatment taking advantage of leading edge imaging and circulating cell capture techniques, among others**
- **Creating a source of real or surrogate LAM cells accessible to the global research community; Development of models for LAM to systematically and efficiently test candidate drugs**
- **Creation of community pathology resources to overcome project delays such as Laser Capture Microdissection**
- **Establishing global networks of information sharing to enable aggregation of patient data from throughout the world**
- **Using innovative clinical trial design to test multiple candidate drugs in LAM within record time**



**BRIGHAM AND
WOMEN'S HOSPITAL**
A Teaching Affiliate of Harvard Medical School

OUR GOALS

Provide comprehensive, multidisciplinary, individualized clinical care for women with LAM



Fast-track leading-edge basic, translational, and patient-based LAM research and trials



Educate patient, medical, and scientific communities about LAM



Establish global networks for information and data exchange among patients, researchers and clinicians to accelerate the pace and impact of new knowledge

Contact Information

Please contact us if you are a researcher or clinician interested in learning more about LAM, the Center's active research protocols, clinical trials, the Center's Tissue Repository, or the International LAM Registry.

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The Center for
LAM Research
& Clinical Care



*Creating a dynamic bridge
between leading-edge
Lymphangioleiomyomatosis (LAM)
research and state of the art multi-
disciplinary clinical care*