

Greetings

Thank you for taking the time to learn about the services offered by Lifespan Laboratories and about the people who provide them.



One of the most comprehensive, efficient and advanced pathology centers and clinical laboratories in New England, Lifespan Laboratories provides test results to physicians throughout Rhode Island, southeastern Massachusetts and beyond. And our capabilities are growing all the time.

Our dedicated staff of clinical laboratory scientists and other laboratory personnel are central to our commitment to continuous quality improvement. Our surgical pathology division is staffed by pathologists with subspecialty expertise in a wide range of areas.

Our fully automated core laboratory, one of the region's largest and most sophisticated testing facilities, sets a new standard for speed and accuracy.

With the launch of the automated lab in 2001, we began dramatically expanding our outreach program. Today, the program comprises a network of patient service centers, open during convenient hours, in medical buildings and other sites around Rhode Island and southeastern Massachusetts. The number of facilities

continues to grow. Couriers pick up samples and deliver them to our automated lab. Results are then reported to physicians and other health care providers.

Physicians can access the results immediately if they're registered with LifeLinks, the most advanced patient data management system in the area. Lifespan's pioneering LifeLinks system gives health care providers instant access 24 hours a day to patient information from virtually anywhere via a secure, confidential wide-area network.

In a single electronic repository, LifeLinks combines information previously maintained on hundreds of individual computers, including clinical tests and lab results, medical records from all Lifespan hospitals, discharge summaries, surgical notes and more.

LifeLinks reports pathology test results in as little as three hours. LifeLinks also allows you to avoid duplication by checking instantly whether a critical test has already been ordered.

Our high standards and ongoing pursuit of excellence are evidenced by continued accreditation from the College of American Pathologists and the American Association of Blood Banks.

We look forward to helping you provide the best possible care to your patients. Thank you.

Ronald A. DeLellis, MD, pathologist-in-chief, Rhode Island Hospital and The Miriam Hospital

MEDICAL EDUCATION/GRADUATE EDUCATION - MD Tufts University School of Medicine, 1966

RESIDENCY - Massachusetts General Hospital - 1966-1967, National Cancer Institute - 1967-1969

FELLOWSHIP - National Institutes of Health

CERTIFICATION - American Board of Pathology



**Rhode Island Hospital
The Miriam Hospital
Newport Hospital**

Lifespan Partners

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Access. Results.

*Lifespan Laboratories
Pathology and
Laboratory Medicine*



Lifespan

Helping our hospitals take the best care of you

Leading-edge technology. Unparalleled customer service.

Lifespan offers a full range of clinical and anatomic pathology testing to physicians, whether or not they belong to the Lifespan hospital network. In 2002, we performed 4.5 million tests. That number grew to 6.1 million the following year. In 2004, our labs processed 8.4 million tests in more than twenty specialties and subspecialties, some of which are unique to the region.

Lifespan Laboratories provides physicians access not only to data, but also to the advice of experts recognized as leaders in their fields. In recent years, we have recruited a team of subspecialists second to none and created pathology centers of excellence at Lifespan partner hospitals. More than 400 professionals staff our labs.

At Lifespan Laboratories, physicians receive customized service that many commercial labs cannot provide. Our friendly, knowledgeable staff works closely with you. Calls are returned quickly. Follow-through is fast and complete.

Lifespan's automated lab allows for a robust quality assurance and quality control program. It reduces the



risk of contamination and misidentification, increasing patient safety. Test results can be reported to physicians via fax, mail or LifeLinks. And Lifespan is committed to developing new procedures; e.g., molecular testing for coagulation studies.

Lifespan's anatomic pathology laboratories perform:

- Diagnostic surgical pathology
- Cytopathology
- Autopsy pathology

Subspecialty areas include:

- Gastrointestinal pathology
- Breast pathology
- Pulmonary pathology
- Head and neck pathology
- Endocrine pathology
- Hematopathology
- Renal pathology
- Neuropathology (including muscle and nerve biopsies)
- Cardiovascular pathology
- Genito-urinary pathology
- Pediatric pathology
- Dermatopathology

Special diagnostic services include:

- Molecular diagnostics
- Immunofluorescence
- Immunocytochemistry
- Electron microscopy
- Flow cytometry

Lifespan's clinical pathology laboratories offer testing procedures in:

- Coagulation and transfusion medicine
- Clinical chemistry
- Clinical microscopy (urinalysis)
- Hematology
- Immunology
- Microbiology
- Parasitology
- Virology
- Molecular biology
- Toxicology

Lifespan Automated Core Laboratory

HOW IT WORKS

Samples reach the automated laboratory from laboratories and physician offices around the region. Each specimen is entered into the computer in the laboratory or entered directly by the physician via Lifespan's LifeLinks system. The computer produces bar code stickers for each sample, identifying the sample and the patient.

Robotic machines centrifuge each sample, divide the sample into additional tubes if necessary, perform the tests, generate results and file each specimen in a storage unit. Critical test results are automatically repeated. If the physician orders additional tests on the same sample, the lab is able to retrieve the sample robotically and send it back for more testing.



SAFETY FIRST

At each stage in the process, the bar code on every test tube and the tube's fluid level are automatically checked to make sure the sample is being handled correctly. If at any stage in the process the tube's bar code or fluid level doesn't match the computer records, the tube is pulled off the system and the computer notifies the laboratory staff that an error has occurred.

The computerized system is so precise it can perform dozens of tests on a single patient's sample and locate any sample among hundreds. The accuracy and efficiency of the process increase patient safety because the laboratory staff no longer prepare, test and retrieve samples by hand. This reduces the likelihood of human error and results in more accurate and reliable test results.

CALL OUR CUSTOMER SERVICE LINE AT 1-800-980-4244. We can answer your questions.

Lifespan Laboratories Staff

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