# Lehigh Valley Health Network

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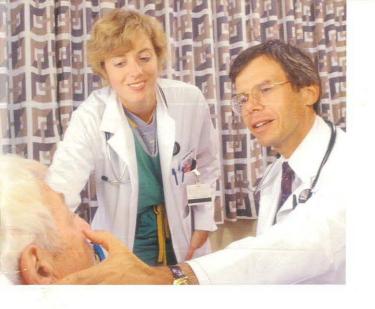
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# Lehigh Valley Hospital Brochure

Lehigh Valley Health Network

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# Lehigh

Valley





Hospital

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From advanced diagnostics to Level 1 trauma care, Lehigh Valley Hospital is uniquely positioned to meet the health needs of the region.

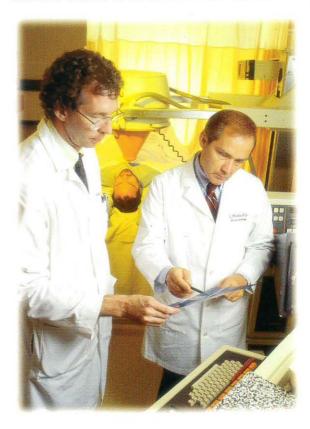
Lehigh Valley Hospital is recognized for its accomplishments as a leading medical care and research center, and a community-based health care institution.

As one of Pennsylvania's largest and oldest teaching hospitals, Lehigh Valley Hospital offers communities a vast array of services to maintain wellness and enhance life's quality. The hospital's professional staff embraces innovation and understands the tremendous impact broader thinking can have on medical care. Working in over 50 specialties, these physicians, together with hundreds of skilled nurses and other professionals, help take research, diagnostics and clinical care in exciting new directions.

Our commitment to research and education gives our patients access to the most advanced technical and informational resources, and our state-of-the-art facilities are designed to enhance patient-focused care processes, keeping pace with fast-changing medical technology.

The hospital's impact is also measured beyond its walls and within the communities it serves. Through Lehigh Valley Health Network, the hospital brings health care services to neighborhoods throughout eastern Pennsylvania and parts of New Jersey. Along with this effort comes progressive education and outreach programs designed to foster healthier lifestyles.

By continuously studying the health care needs of the community, the hospital plays an important role in making medical services and health information more accessible to people of all ages, from infants to seniors. Lehigh Valley Health Network is creating a comprehensive health care system that includes outpatient and home-based care, partnerships with other institutions, and education and prevention programs that reflect the changing needs of our region. And we will continue to work hard to fulfill our mission to the communities we serve.



Each year, we care for over 30,000 hospitalized patients, treat tens of thousands of outpatients, make nearly 100,000 home care visits, deliver more than 3,300 babies, and reach thousands more through our health screenings, prevention and education programs.

Lehigh Valley Hospital's residency and medical education programs continue to attract many skilled physicians. A medical staff of over 700 works with a cohesive team of nurses, therapists, technicians, and hundreds of other area physicians and practitioners to create our comprehensive health care network.



# A Tradition of Excellence

Effective healing requires more than heart. It demands clinical excellence that adheres to the highest standards, ensuring the best possible patient outcomes.

Lehigh Valley Hospital has helped establish a standard for excellence in its key clinical areas: women's health, pediatrics, cardiovascular medicine, mental health, neurosciences, trauma, cancer treatment and surgery services.

Skilled physicians routinely perform the most complex surgeries and other procedures, giving our doctors a foundation of experience that is unsurpassed in the region.

The hospital has evolved as a valued community resource over the past 100 years.



Lehigh Valley Health Network is dedicated to enhancing health and improving life quality – a goal that begins with patient-focused care.

# Patient Care: The Heart of Healing

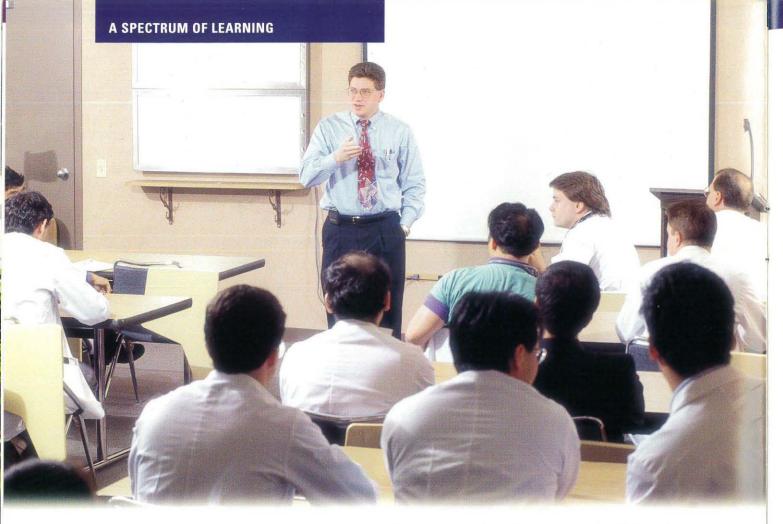
A responsive relationship between caregiver and patient is the foundation of our health care system. Forming the cornerstone of this foundation is a commitment to patient-focused care that builds on:

- · Respecting Patients' Values
- · Efficiently Coordinating Care
- Completely Informing and Educating Patients
- Ensuring a Patient's Physical Comfort
- · Providing Emotional Support
- · Involving Family and Friends in Patient Care
- · Continuing Care

Communication, concern and trust are at the heart of healing at Lehigh Valley Hospital.







From community-based education programs to complex clinical research and a well-respected residency program, Lehigh Valley Hospital remains a committed partner to lifelong learning.

# Educating the Physicians of Today... and Tomorrow

Lehigh Valley Hospital has had an independent residency program for more than 90 years. As an accredited member of the Nation's Council of Teaching Hospitals of the Association of American Medical Colleges, Lehigh Valley Hospital's professional education programs are among the best in the nation.

A clinical campus for Penn State University's College of Medicine at the Milton S. Hershey Medical Center, Lehigh Valley Hospital educates more than 45 medical students and 85 residents annually. More than 200 members of our medical staff hold faculty positions at Penn State University. These physicians, along with other doctoral-level health care professionals, form the core of our teaching staff.

Residency programs are offered in internal medicine, family medicine, general surgery, dentistry and obstetrics/gynecology. We also offer upper-level residencies in colorectal surgery and plastic surgery. In addition, we have fellowships in radiology, pathology and trauma. Third- and fourth-year Penn State medical students complete rotations in our major specialties, while we train residents from other educational institutions in such areas as trauma, neurosurgery, neonatology and urogynecology.

Our extensive education program benefits Lehigh Valley Hospital patients. Teaching requires the medical staff to become partners in the discovery and application of new treatments.

# **Lifelong Learning**

While our staff teaches, it never stops learning. Ongoing courses of study, as well as more than 25 major symposia each year, keep these professionals abreast of issues as diverse as cardiac surgery and employee relations.

Often, these programs bring experts to the region, who provide information on the latest technologies and treatment modalities.



# Searching for Ways to Cure Disease

Research is fundamental to the practice of medicine at Lehigh Valley Hospital. It determines how we care for our patients today and tomorrow, giving doctors new and better ways to improve outcomes.

Lehigh Valley Hospital's medical staff rigorously pursues this search. Over the past decade our doctors have published numerous articles in peer-reviewed national and international clinical journals. We maintain a comprehensive health sciences library and computer laboratory, providing 24-hour access to international medical literature and a developing network of electronic communications.

Each year the hospital takes part in dozens of clinical, epidemiological and outcome studies involving every medical department of the hospital. This extensive involvement means that our patients are able to participate in studies that can lead to new cures for major diseases.

Head injury, pain management, multiple sclerosis and stroke are the subjects of current study within the Neurosciences Department, while the Cardiovascular Department is known for its pioneer work on the psychosocial factors associated with female heart disease.

At the John and Dorothy Morgan Cancer Center, physicians have access to some 100 different research protocols offered in partnership with such prestigious institutions as the Johns Hopkins Oncology Center and the National Cancer Institute's Eastern Cooperative Oncology Group. Cancer prevention is another primary focus here.

As one of Pennsylvania's leading cancer information and treatment resources, Lehigh Valley Hospital was selected to answer the 1-800-PA CANCER line for the state of Pennsylvania. This line, supported by funding from the Pennsylvania Department of Health, provides cancer information to callers from around the area.



Lehigh Valley Hospital has earned national acclaim for its involvement in clinical research and professional education.

As a nonprofit organization, Lehigh Valley Hospital belongs to the communities it serves. We spend more than \$12 million each year to provide direct care to the poor and uninsured, and for Medicare and Medicaid patients whose needs are not covered by government funding. This money also pays for an array of education and prevention services that benefit everyone who comes in contact with us.

A vital part of this effort is teaching people how to avoid illness. As a multifaceted health network, we judge our overall success as much by our impact on wellness within the community at large, as we do by our ability to heal.

Lehigh Valley Health Network offers many programs aimed at health education, intervention and wellness, and serves as a model for community health care in the 21st century. The network's prevention efforts take many forms and serve people of all ages. From hundreds of lectures and specialized classes, to screening programs, school programs, informational hotlines and award-winning publications, the network is in tune with the health information needs of the region.



Teaching and promoting healthy lifestyles are major components of Lehigh Valley Health Network's regional wellness strategy.



As the nation enters a new era of health care, progressive institutions are renewing their emphasis on preventive medicine as a core strategy for improving health and productivity among the populations they serve. By investing in prevention, Lehigh Valley Health Network will help lower the overall cost of health care in the Lehigh Valley region. Following are examples of how the network is promoting preventive medicine.



# **Outpatient Pediatric Care**

We want to see kids when they are healthy, not just when they are sick. By maintaining children's health, Lehigh Valley Health Network is able to improve health outcomes, minimize care costs, and help develop healthy attitudes that can last a lifetime. For that reason, we make a compendium of pediatric health services available on an outpatient basis.

# **Cooperative Efforts**

Lehigh Valley Health Network plays a prominent role in many cooperative community programs, including the Perinatal Partnership for at-risk infants and mothers, ALERT-Partnership (for a Smoke-Free Valley), Lehigh Valley Heartbeat 2000 and NEXUS for the elderly. Low-cost mammograms, HIV tests and other services in conjunction with the Allentown Health Bureau are some of the ways we work with government agencies.

# **Primary Care**

The hospital operates and subsidizes 30 clinics that provide services to uninsured and medically indigent patients. "A Better Start" offers early prenatal care and education to a targeted group of low-income women, while the "Families in Transition" program gives free routine, emergency and preventive care to families who are temporarily uninsured and who are involved in a job search or retraining.



By organizing community outreach programs and staffing numerous clinics throughout the area, Lehigh Valley Hospital professionals are able to improve access to many important health services.

# Classes and Lectures

Smoking cessation, weight control, nutrition, stress management and exercise are just a handful of the hundreds of wellness classes and lectures offered by Lehigh Valley Hospital and Health Network each year.



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# **Community Education Programs**

Whether it's how to avoid or treat burns, living with diabetes, parenting, aging or CPR, Lehigh Valley Health Network's "Healthy You" programs and speakers bureau offer a host of experts who share knowledge with service clubs, community organizations, churches, schools, businesses and others.

Health screenings, support groups and hours donated by Lehigh Valley Hospital staff add to the hospital's community contribution as we teach people how to stay healthy.

### **School Health**

Poison prevention campaigns, an annual Children's Health Fair and services provided at Central Elementary School in Allentown are just a few of the ways we educate our children. These and other programs such as our "Think First" and "Smoke-Free Kids Week" go a long way toward creating healthy attitudes among students in the Lehigh Valley.







Lehigh Valley Health Network's impact is felt well beyond hospital walls, as nearly 100,000 annual home care visits indicate.

When people do become ill or need a doctor's preventive care, we want them to be as close to home as possible. We believe that the future of health care lies inside the communities where we work and live. That's why Lehigh Valley Health Network is creating a continuum of care in towns throughout the region.

Through Lehigh Valley Health Network, we've even brought care into our patients' homes. One network component – Lehigh Valley Home Care – accounts for nearly 100,000 visits yearly, helping patients recover from hospitalization or cope with a chronic illness. Health Spectrum Pharmacy Services and Medical Products provides essential equipment and supplies so that patients can enjoy the independence and comfort of their homes during recovery.

For terminally-ill patients and their families, Lehigh Valley Hospice provides medical and emotional support, with a philosophy based upon choice and dignity.



# Women's Health Services

From wellness programs to cancer care, women find a lifetime of services at Lehigh Valley Hospital.

With more than 3,300 births a year, we are the area's leading provider of childbirth services. The hospital provides 24-hour on-site obstetrics coverage by attending physicians and residents. Perinatologists are available for at-risk pregnancies or for unexpected complications or suspected genetic problems. We also coordinate the Regional Perinatal Network, which is comprised of 12 area hospitals.

Gynecological care is another vital service, addressing cancer treatment, reproductive endocrinology and infertility, and urogynecology, a new subspecialty that takes an interdisciplinary approach to incontinence and other pelvic floor disorders.

Breast health is another strong focus of our women's program, providing mammography and other specialized testing, as well as a full range of cancer services through the John and Dorothy Morgan Cancer Center. A broadbased mental health component rounds out this comprehensive program.

Over 40 percent of all babies delivered in the entire Allentown-Bethlehem-Easton area are born at Lehigh Valley Hospital.



# **Pediatric and Infant Services**

Skilled pediatricians, nurse practitioners, pediatric nurses, neonatologists, psychiatrists and caregivers certified in pediatric trauma provide sophisticated and compassionate care to children who are ill or injured.

We offer the region's largest Neonatal Intensive Care Unit and a comprehensive Pediatrics Unit. As Pennsylvania's first state-designated Level 1 Trauma Center, Lehigh Valley Hospital is equipped to care for children suffering from the most serious injuries.

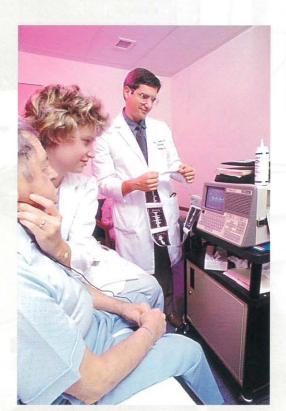
Our skilled physicians help the hospital provide specialized pediatric care on an outpatient and inpatient basis 24 hours a day.



Lehigh Valley Hospital's Pediatric and Infant Services focus comprehensive resources on children's health care.



The hospital received international attention for participating in a study on Asymptomatic Carotid Atherosclerosis, indicating the need for surgery among patients with blockages in carotid arteries.



# **Neurosciences Center**

More than 3,000 patients turn to us each year for expert, caring treatment of brain, spinal and other neurologic disorders. The Neurosciences Center and its specialized team of neurologists, neurosurgeons, pain specialists, neuroradiologists, neuropathologists and nurses offer advanced care for stroke, brain tumors, aneurysms, head and spinal cord injuries, back problems, multiple sclerosis, epilepsy, Parkinson's Disease and other complex conditions.

The center offers two dedicated neurosurgical operating rooms, an eight-bed central nervous system unit (CNS), a critical care unit equipped with the newest technology, and a 38-bed neuro medical-surgical unit. Also available is a full spectrum of diagnostic and treatment support for a variety of specialized needs.

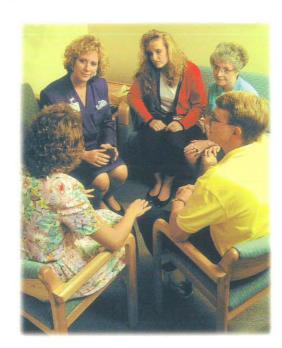
Prevention is an important part of the equation, with the Neurosciences Center promoting head and spinal cord injury prevention programs.

**Mental Health Center** 

The program is founded on the considerable skills and experience of board-certified psychiatrists, psychologists, social workers, nurses and certified addiction counselors, among others. Using an integrated treatment approach, these professionals tap into the knowledge of the hospital's other medical experts.

Our Adult Inpatient Psychiatric Program has provided acute services to men and women since 1956. Troubled teenagers find help through our Adolescent Inpatient Psychiatric Program, or through the Transitions program that combines intensive day treatment with discharge each afternoon to home and family. A similar program also is available for adults.

The Outpatient Mental Health Clinic offers countywide psychiatric services, including mental health evaluation and treatment services for patients referred by Lehigh County agencies, while the Guidance Program provides a range of outpatient services to people in our community.





The hospital offers a variety of innovative mental health programs, specially designed to meet the age-specific needs of adolescents and adults.

# Trauma Services

As the first hospital in Pennsylvania to be named a Level 1 Trauma Center - the highest level of trauma care available - Lehigh Valley Hospital has the solid experience and technical capabilities to handle major regional emergencies.

The hospital receives over 1,600 trauma patients yearly, some from as far away as New York. Its trauma center mobilizes emergency medicine physicians and specialists from neurosurgery, orthopedics and other disciplines - supported by a 24-hour operating room staff and a special Shock/Trauma Unit - to ensure responsive care for critically injured patients. Eighty-five residents from various disciplines are on duty at any one time, including 16 from the Department of Obstetrics and Gynecology, nine from the Department of Medicine and five from the Department of Surgery.

A multimillion dollar communications system links these specialists with ambulances in 10 counties, enabling physicians to direct patient care while en route to the hospital.



Lehigh Valley Hospital's multidisciplinary team approach to trauma care has helped make the hospital a key trauma center in the mid-Atlantic region.

Cancer patients and their families find a full range of outpatient care – prevention education, diagnosis, treatment, research, rehabilitation and support services – at our cancer center.

Designed with extensive input from patients, the center makes cancer care as comfortable and accessible as possible. It offers chemotherapy treatment areas, radiation therapy, a dedicated pharmacy, patient and professional libraries, conference rooms, classrooms, private meeting areas and an American Cancer Society resource room.

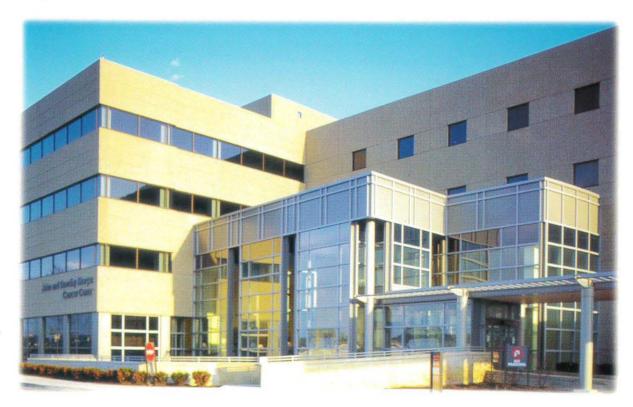
Our advanced treatment technologies include stereotactic radiosurgery, a high-precision modality for patients who suffer with brain tumors that were once thought inoperable.

The hospital's affiliation with the Johns Hopkins Oncology Center and other research alliances gives patients access to clinical trials that explore the newest treatment approaches.

A broad array of education and support services are offered to patients and their families in their fight against cancer.



An example of Lehigh Valley Hospital's commitment to patient-focused care, the John and Dorothy Morgan Cancer Center accommodates the needs of cancer patients and their medical providers under one roof.



# Cardiovascular Services

A pioneer in care of the heart, Lehigh Valley Hospital was the first in the area to perform openheart surgery 20 years ago. Today, our skilled specialists perform more than 1,000 open-heart procedures each year, making the program one of the largest in Pennsylvania, and giving each surgeon the extensive experiences needed to achieve the best patient outcomes.

In addition, hospital professionals perform 100 pacemaker insertions, 1,000 angioplasties and 5,000 cardiac catheterizations annually.

These specialists are carefully trained in the use of new, noninvasive ways to treat heart disease – an illness that strikes a large percentage of people in the Lehigh Valley. This innovation and advanced expertise have made for shorter recovery periods and a better quality of life for heart patients.

Part of the center's newest goal is to educate the public through classes on risk factors, nutrition, exercise and smoking cessation. This program helps identify family members who may be at high risk of heart problems in an attempt to stop the disease before it progresses.

From educational programs to advanced surgeries and rehabilitation services,
Lehigh Valley Hospital has influenced the cardiac health of hundreds of thousands of residents in eastern Pennsylvania and areas of New Jersey.

Hospital surgeons are pioneering minimally-invasive techniques for improving recovery time and patient comfort, as well as reducing surgery costs. From laparoscopic surgery, in which a series of very small incisions allow surgeons to perform procedures that used to require "open" surgery, to stereotactic radiosurgery, where tightly focused streams of invisible radiation are used to treat brain tumors and other disorders with no incisions at all, Lehigh Valley Hospital is regarded as a leading institution for surgical education, research and patient care.

The hospital is a major research site for several international surgery studies, including investigations on orthopedic joint reconstruction. In this regard, Lehigh Valley Hospital is playing a pivotal role in the design, testing and evaluation of new technologies, and patients are afforded access to the highest quality surgical techniques available.



The hospital utilizes minimally-invasive surgical techniques, provides advanced orthopedic joint reconstruction, and performs kidney transplants and complex cardiac procedures.



# **Burn Center**

Lehigh Valley Hospital's Burn Center offers six isolation units, a hydrotherapy area, a nourishment center, and specialized operating room facilities that give superior care to adults and children who have suffered severe burns. The center participates in a consortium of burn care providers serving a 20-county region in four states. The Burn Prevention Foundation, a health promotion organization, also works to teach fire safety in the workplace, at schools, and to senior citizens and the physically impaired.



# **Dental, Medical and Surgical Services**

# Anesthesiology

Pain Management

# Dentistry

# **Emergency Medicine**

Pre-hospital Emergency Medical Services

# **Family Practice**

Geriatrics

Home Care

Occupational Medicine

# Medicine

Allergy

Ambulatory Care

Cardiology

Dermatology

Endocrinology/Metabolism

Gastroenterology

General Internal Medicine

Geriatrics

Hematology/Medical Oncology

Infectious Diseases

Neurology

Nephrology

Pulmonary

Physical Medicine and Rehabilitation

Rheumatology

# Obstetrics and Gynecology

Maternal-Fetal Medicine

Reproductive Endocrinology & Infertility

Gynecologic Oncology

Reconstructive Pelvic Surgery

# Pathology

# **Pediatrics**

Allergy

Behavioral Pediatrics

Cardiology

Development and Rehabilitation

General Pediatrics

Neonatology

Neurology

Pulmonary

# **Psychiatry**

Adolescent Inpatient Psychiatry Adult Inpatient Psychiatry Psychiatric Ambulatory Care Consultative/Liaison Psychiatry

# **Radiation Oncology**

# Radiology and Diagnostic Imaging

Diagnostic Radiology Nuclear Medicine

# Surgery

Cardiothoracic Surgery

Colon and Rectal Surgery

General Surgery

Pediatric Surgery

Transplant Surgery

Neurosurgery

Ophthalmology

Oral and Maxillofacial Surgery

Orthopedic Surgery

Foot and Ankle Surgery

Podiatry

Otolaryngology

Plastic and Reconstructive Surgery

Trauma and Surgical Critical Care

Burn

Pediatric Trauma

Urology

Vascular Surgery



# **Health Information Resources**

Lehigh Valley Health Network offers a variety of services that can be accessed by calling (610) 402-CARE.

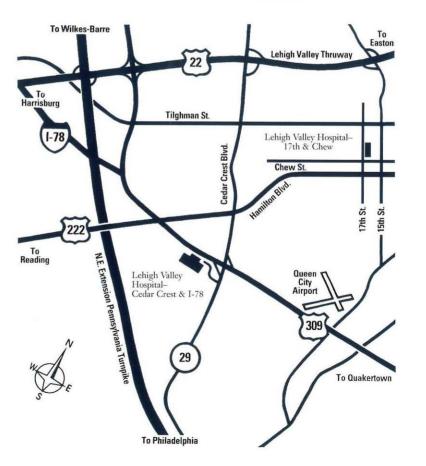
For help in finding a doctor, this number provides quick access to Lehigh Valley Hospital's free Physician Referral Service.

For information on specific services, such as...

- · Cancer Answers
- · WomanCare
- · Helwig Diabetes Center
- · Lehigh Valley Hospice
- · Lehigh Valley Home Care
- · Outpatient Mental Health The Guidance Program

... or other information on Lehigh Valley Health Network programs, classes, support groups, and lecture registration, or directions to hospital locations, (610) 402-CARE offers convenient access to the information you need.

# How To Reach Us...



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Lehigh Valley Hospital, located at two sites in the heart of Lehigh Valley, is accessible by several of the region's main thoroughfares. The hospital is close to Allentown's downtown area and numerous restaurants and lodging accommodations. Specific directions to Lehigh Valley Hospital from points north (Scranton, Wilkes-Barre and the Poconos), south (the greater Philadelphia area), east (Easton and New Jersey) or west (Reading and Hershev) can be obtained by calling (610) 402-CARE.

# LEHIQH VALLEY

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For further information regarding Lehigh Valley Hospital, write Public Affairs at:

Lehigh Valley Hospital 1243 South Cedar Crest Boulevard Suite 3115 Allentown, PA 18103 Or call: (610) 402-CARE (2273)