

Medical Staff Progress Notes

Volume 6, Number 8
August, 1994



From the President

Harry Lukens,
Senior Vice

President and Chief Information Officer, addressed Medical Executive Committee this month to review the security of our computer system. The clinical departments receive reports regarding patient access and potential breaches of confidentiality. It is imperative that we log out of the computer at each work station we use to access information. I would also add that we should not access clinical information using another individual's access.

JCAHO has requested a change in the Q.A. Committee process. The Hospital-Wide Q.A. Committee has now been revamped and renamed the Performance Improvement Committee. Quality will be assessed as a process to include review of feedback and performance improvement. The Performance Improvement Committee will include the chairs of all clinical departments, TROIKA, Senior Vice President for Clinical Services, and the Chief Operating Officer.

Many members of our Medical Staff will receive (or have received) information about academic appointments at Penn State/Hershey.

Jack Fitzgibbons, M.D., chairs the committee for internal review of the recommendations to Penn State, and I would encourage all to return these forms.

Although not at target, the efforts of Operations Improvement was substantial. At Medical Executive Committee, Elliot Sussman, M.D., reviewed these outcomes and thanked the Medical Staff and our PHO in ongoing contributions to the Operations Improvement efforts. Also, Dr. Sussman reported a favorable site visit by members of Ingersoll Rand who reviewed our cardiac surgery program. Ingersoll Rand is in the process of selecting three to six hospitals nationwide to perform cardiac surgery for their employees. We were fortunate to be one of the site visits. Geary Yeisley, M.D., and D. Lynn Morris, M.D., participating with members of the hospital administration, did an impressive job during this day-long review. We should know some results in about a month.

Enjoy the rest of the summer.

Sincerely,

Joseph A. Candio, M.D.
President, Medical Staff

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Site and Facilities Update

Cedar Crest & I-78

Lithotripsy Area Expanding

Construction is proceeding on an extension of the lithotripsy area adjacent to the shock/trauma unit. A dock will also be added to facilitate transport of the portable lithotripter. During this project, traffic at the rear of the hospital has been reduced to a single lane.

Radiology Adding Angiography Room

A second angiography room is being added to the Radiology Department in space previously occupied by a special procedures room. The project will be completed in early September.

17th & Chew

Projects Proceeding on 1st to 4th Floors

On 1North, work has resumed on the Dental Service's new dental clinic, laboratories and administrative functions which are scheduled for completion in early September.

Also on the first floor, renovations are underway for a unit that will consolidate outpatient diagnostic services including EEG, EKG, respiratory therapy, pulmonary function and heart station.

Meanwhile on 1Tower, the former Transitional Care Unit is being

converted into administrative offices for the Department of Obstetrics and Gynecology.

On the second floor Tower, renovations are underway for a new ambulatory surgery (short procedure) unit that will adjoin the Operating Room suites. Renovations to the OR suites also began last month.

On 3T, the former Mother-Baby Unit is now being renovated for 10 new labor/delivery/recovery (LDR) rooms. The project will continue through early September. Later this year, the existing Labor and Delivery Unit will be converted into a high-risk antepartum unit for women who require hospitalization during pregnancy.

MEETING NOTICE

A meeting of the General Medical Staff will be held on Monday, September 12, beginning at 6 p.m., in the Auditorium of Lehigh Valley Hospital, Cedar Crest & I-78.

All members of the Medical Staff are encouraged to attend.

Pediatric Groups to Join Lehigh Valley Physician Group

ABC Pediatrics and Family Pediatricians, two pediatric practices based in Allentown, plan to merge and join Lehigh Valley Physician Group (LVPG), Pediatrics, the hospital-based pediatricians of Lehigh Valley Hospital. The consolidated group will pool the expertise of 15 general pediatricians, four neonatologists and a pediatric pulmonologist. The merger will be completed by October 1.

"Through the coordinated efforts of these two community practices with the hospital-based group, we can enhance pediatric services both in and outside the hospital," says John D. VanBrakle, M.D., chairperson, Department of Pediatrics. "The new group will provide the manpower needed to address a number of long-standing goals of the Department of Pediatrics at Lehigh Valley Hospital."

ABC Pediatrics and Family Pediatricians will keep their separate identities and functions during day and evening hours. Both groups will continue with the same doctors and office staff at all current office locations. The groups will work together to provide night-call coverage.

One unique aspect of the plan is that one or two doctors from each practice will work with the four hospital-based pediatricians who now focus their practice on the inpatient pediatric unit at Lehigh Valley Hospital. "By increasing the number of doctors who cover the inpatient unit, we can provide seamless coverage of the

pediatric floor at the hospital, a critical component of caring for sicker children from Allentown," said Dr. VanBrakle. "Children who must be transferred to referral centers will also benefit from the expertise of our pediatricians who specialize in acute care," he adds, pointing out that several hours of critical care are often required while transport is being arranged.

The doctors in ABC Pediatrics and Family Pediatricians will also help provide night time coverage to children in Outpatient Pediatrics, the pediatric clinic at Lehigh Valley Hospital, 17th & Chew. A patient advice/triage telephone system staffed by registered nurses will field calls after office hours and, when necessary, refer patients to the on-call physician for the group. If the patient needs immediate evaluation or treatment, the on-call physician will see the patient in the Emergency Department, hospital clinic or one of the community-based practice sites. "This service is unique in the Lehigh Valley and it will enhance access and help ensure continuity of care, better patient management and fewer inappropriate visits to the ER" says Dr. VanBrakle. "Our experience is that patients will use alternatives to the ER when available." Outpatient Pediatrics currently does not have night coverage from pediatricians.

Neonatologists, pediatricians who specialize in the care of sick newborn infants, now attend high-risk deliveries at Lehigh Valley Hospital and staff its Neonatal Intensive Care Unit (NICU).

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The neonatologists will be included in the merged group. They will begin providing 24-hour in-hospital coverage--versus on-call coverage--and facilitate the care of healthy newborns in both the community practice and on the hospital's obstetric clinic service. Like the pediatricians covering the inpatient unit, neonatologists based in the hospital will be immediately available when needed.

According to Dr. VanBrakle, "All of the pediatricians in ABC Pediatrics and Family Pediatricians believe very strongly in maintaining contact with their patients in the hospital. They will work together to assure continuity of care in both in-hospital and outpatient settings.

A long-range goal of the hospital's Pediatrics Department is to increase locally available specialty medical services for children and to strengthen medical education programs. Improved in-hospital coverage is a key factor in attracting and maintaining specialty physicians. A pediatric pulmonologist and a pediatric surgeon joined LVPG and the Medical Staff last year. "Our group will continue working closely with the area's many excellent pediatricians and family practitioners," says Dr. VanBrakle. "Many are on staff at Lehigh Valley Hospital. The number of children in our community is large enough to justify developing better local resources to care for children with severe and complex medical problems. At the same time, we do not plan to duplicate all subspecialty services at tertiary pediatric referral centers in Philadelphia or Hershey. A great deal

can be accomplished for our children if local practitioners work closely with each other and with our regional referral centers."

Members of the integrated group include:

ABC Pediatrics

Pasquale J. Fugazzotto, M.D.
Donald L. Levick, M.D.
Elmer C. Long, M.D.
Mary B. Stahl Levick, M.D.
Deb Miller, Pediatric Nurse Practitioner

Family Pediatricians

Elizabeth Goff, M.D.
Dennis W. Kean, M.D.
Nicholas C. Kyriazi, M.D.
Renee Morrow-Connelly, D.O.
Michael D. Schwartz, M.D.
Patricia L. Shoemaker, M.D.
John S. Wheeler, M.D.

Lehigh Valley Physician Group

Claire E. Bolon, M.D., director,
Inpatient Pediatrics
Kimberly C. Brown, M.D.
Chris CN Chang, M.D., Pediatric Surgery
Ian M. Gertner, M.D., director,
Neonatology
Leonard M. Golub, M.D.,
Neonatology
Shantha V. Mathews, M.D.,
Neonatology
Robert W. Miller, M.D., Pediatric Pulmonology
Charles F. Smith, M.D., director,
Ambulatory Pediatrics
John D. VanBrakle, M.D.,
chairperson, Department of Pediatrics
Marijo A. Zelinka, M.D., Neonatology
Jayne Hatfield-Robinson, Neonatal Nurse Practitioner

Laboratory Update

To more efficiently and promptly handle customer inquiries, Health Network Laboratories began utilizing a centralized telephone number with an automated attendant telephone system on July 20.

The centralized laboratory telephone number for all customers, hospital staff, physician offices, and outside accounts is **(610) 402-8170**. This new number replaces 402-2236 and 402-8010.

With the new system, callers will receive the following options to direct their calls to the appropriate area:

Option 1: For intrahospital phlebotomy or order entry questions. There will be an additional prompt to specify site.

Option 2: For result inquiries.

Option 3: For all other inquiries.

If you have any questions concerning this change, please contact Louise Solomon at (610) 402-5658 or Diane Magargal at (610) 402-5485.

Parking Changes During Fair Month

Beginning Tuesday, August 16, through Monday, September 12, all Fairgrounds parking facilities will be surrendered for the Allentown Fair. During this period, **patients and visitors will utilize the doctors lot located on the corner of 17th & Chew Streets.**

Parking for physicians and housestaff will be available in the following parking lots:

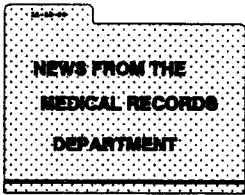
- Location - Lot #4 - North West Street
Access - North West Street
- Location - Lot #5 - Gordon Street
Access - Gordon Street

Please use your photo I.D. card to access these lots.

If you have any questions regarding this issue, please contact Louis Geczi, Security Manager, at 402-2986.

TPN Orders

TPN orders must be rewritten every 48 hours. A new order sheet must be filled out every seven days. If orders are not received in the Pharmacy by 1500, D10W will be sent to the floors for infusion that evening.



Coding

Accurate and timely documentation results in accurate data collection and optimal reimbursement. The following common conditions are not consistently documented in the medical record:

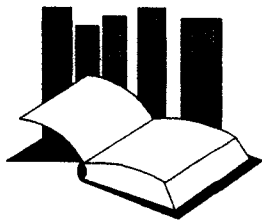
DIAGNOSES

Seizures (by history)
Metastatic Cancer Sites
Postoperative (period) Complications
(Infections, Fever, Arrhythmias)

Attestations

Physicians are reminded to sign attestations prior to going on vacation to avoid delays in processing.

Thank you for your continued cooperation.



Library News

New acquisitions to the Health Sciences Library at 17th & Chew include:

- Tecklin. **Pediatric Physical Therapy.** Lippincott, 1994.
- Morrow. **Synopsis of Gynecology Oncology.** 4th ed. Churchill, 1993.
- Buchsbaum. **Gynecologic and Obstetric Urology.** 3d ed. Saunders, 1993.
- Hall. **Decision Making in Dental Treatment Planning.** Mosby, 1994.
- Soudemire. **Psychiatric Care of the Medical Patient.** Oxford University Press, 1993.

New acquisitions at Cedar Crest & I-78 include:

- Ford. **Pediatric Trauma.** Saunders, 1994.
- Gorbach. **Infectious Diseases.** Saunders, 1994.
- Berg. **Handbook of Primary Care Medicine.** Lippincott, 1993.
- Soudemire. **Psychiatric Care of the Medical Patient.** Oxford University Press, 1993.

Other useful resources at Cedar Crest & I-78 include:

- **Healthcare Standards, ECRI, 1994.** Directory which helps one locate "hard-to-find healthcare standards, practice guidelines,... and standards issued by medical societies, professional associations, government agencies, and other health-related organizations."
- **AMA. DATTA (Diagnostic and Therapeutic Technology Assessment)** series which evaluates and assesses various procedures, i.e., coronary atherectomy.
- **AHA. Hospital Technology Series** which provides abstracts of the results of studies of drugs, clinical procedures, etc., and telephone numbers from which to order consensus statements of organizations such as the American Heart Association, National Stroke Association, etc.

News from Research

Request for Applications - Research Grants

The Research Advisory Committee through the Research Department of Lehigh Valley Hospital, is announcing availability of request for applications for funding of outcome based research projects and studies. The Research Department, in response to institutional directives, is placing emphasis on clinical outcome research projects. Any study or project that deals with factors affecting the patient clinical outcome, follow-up, and improvement of health status, if approved, may receive funding from the Dorothy Rider Pool Health Care Trust.

For more information, contact James F. Reed III, Ph.D., Director of Research, at 402-8889.

Call for Abstracts

A call for abstracts has been issued by the following organizations:

- The American College of Cardiology for the 44th Annual Scientific Session to be held on March 19, 1995 in New Orleans, La. Submission due date is September 9, 1994.
- Falk - IBD for the IBD, New Developments and Standards to be held on November 18, 1994 in Halle, Germany. Submission due date is August 31, 1994.
- The Institute of Applied Physiology in Medicine for the 1995 Cerebral

Hemodynamics Symposium to be held on February 7, 1995 in Charleston, S.C. Submission due date is October 7, 1994.

- The Society of American Gastrointestinal Endoscopic Surgeons for the 1995 Scientific Session to be held on March 13, 1995 in Orlando, Fla. Submission due date is September 20, 1994.
- The Society of Clinical Trials for the 16th Annual Meeting to be held on April 30, 1995 in Seattle, Wash. Submission due date is December 1, 1994.
- The Society of Critical Care Medicine for the 24th Educational & Scientific Symposium to be held on January 31, 1995 in San Francisco, Calif. Submission due date is September 1, 1994.

For instructions, forms, and further information, please contact Kathleen Moser in the Research Department at 402-8747.

Courier Service

In an effort to optimize the service to those physicians' offices which participate with the hospital's courier service, offices who have not done so previously are requested to provide IN and OUT boxes for the courier at a specified location within the office.

Your cooperation is very much appreciated.

Faculty Appointments - PSU/Hershey

Medical Staff members who are involved in teaching students and residents are eligible for faculty appointments at Pennsylvania State University College of Medicine/Hershey. All who are eligible are encouraged to apply.

In order to expedite the process, maintain internal consistency, and keep track of all applications, we are requiring that all applications flow from the Office of Education at Lehigh Valley Hospital to the Associate Dean for Academic Affairs at PSU/Hershey. While informal discussions are encouraged between chairpersons at Lehigh Valley Hospital and PSU/Hershey concerning questions of appropriate rank, no recommendations or approvals will be forwarded directly interdepartmentally between Lehigh Valley Hospital and PSU/Hershey.

Many members of the Medical Staff have been contacted by Drs. Fitzgibbons and Little asking if they wish to be considered for a PSU faculty appointment. These individuals were chosen based on prior Hahnemann University faculty appointments or department recommendations. For those who have responded affirmatively, the application process has already begun. If you have not yet been contacted, and wish to be considered, the first step is to discuss the possible appointment with your Department Chairperson. Details of the application process are provided at the end of this article.

Following are brief explanations of prefixed, suffixed and unmodified

ranks and titles which may assist applicants to understand the recommendations.

- **Prefix Clinical title** (e.g., **Clinical Assistant Professor**) indicates primary involvement in patient care and teaching. The majority of our appointments will be prefixed titles.
- **Suffix Clinical title** (e.g., **Assistant Professor of Clinical Department**) indicates evidence of scholarly productivity, in addition to patient care and teaching. Some of our appointments will be in this category.
- **Unmodified, non-tenure title** (e.g., **Professor of Department**) indicates involvement in scholarly patient care related activities, including clinical research, teaching and appropriate publications. Only a few appointments will be in this category.

The process for application to which PSU/Hershey and Lehigh Valley Hospital have agreed is as follows:

1. Physician candidate indicates interest in faculty appointment to department chairperson.
2. If qualified, department chairperson recommends prefixed/suffixed rank, or non prefixed/non suffixed rank. (Majority of appointments will be clinical assistant professor.)
3. Recommendation is forwarded to Office of Education.
4. Office of Education coordinates review by Lehigh Valley Hospital Faculty Appointment Review Committee for purpose of internal consistency and compliance with PSU/Hershey faculty appointment criteria. (Committee members include John P. Fitzgibbons, M.D., Chair; William L. Miller, M.D.; Gary G. Nicholas, M.D.; and Brian W. Little, M.D., Ph.D.)
5. Committee chair forwards finalized recommendations to Office of Education.

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6. Office of Education forwards recommendations to PSU/Hershey (Associate Dean for Academic Affairs).

7. PSU/Hershey forwards recommendations to appropriate PSU/Hershey chairmen for review and recommendations.

8. PSU/Hershey chairmen approve Clinical Assistant Professor ranks and submit recommendations for Associate or Full Professor ranks for review and approval to the College of Medicine Appointments and Promotion and Tenure Committee.

9. Approved appointments are transmitted from the Associate Dean for Academic Affairs at PSU/Hershey to Director of Education at Lehigh Valley Hospital.

10. Director of Education transmits approved appointments to appropriate department chairpersons.

11. Department chairpersons notify appointees.

American Heart Association Heart Walk

It's time to start getting your heart and soles in shape for the 1994 American Heart Association (AHA) Heart Walk which will take place on Sunday, October 2, beginning at 10 a.m., in the beautiful Little Lehigh Parkway.

Join Elliot J. Sussman, M.D., president and CEO, Louis L. Liebhaver, COO, and many of your friends and colleagues on this worthwhile and healthy fundraising walk.

This 6.2 mile event benefits the research programs of the AHA. For the third year running, Lehigh Valley Hospital will be a major sponsor of this event. Last year, nearly 100 persons walked for Lehigh Valley Hospital with contributions exceeding \$12,000.

Challenges have gone out to the local hospitals to see who can recruit the most walkers and raise the most money. The top institution will take home a commemorative plaque. In addition, the AHA is offering a range of prizes for amounts raised by individual walkers.

To learn more about the event, plan to attend one of the following kick-off breakfasts at which door prizes, including watches, sweatshirts, and t-shirts will be awarded.

Thursday, August 18
9 to 9:30 a.m.
17th & Chew
School of Nursing
Auditorium

or

Friday, August 19
9 to 9:30 a.m.
Cedar Crest & I-78
Auditorium

For more information or to register for this fun event, contact Public Relations at 402-3001.

Reminder

Pennsylvania law requires two witnesses, in addition to the physician, when obtaining a telephone consent for an autopsy.

Congratulations!

Michael R. Goldner, D.O., James T. McNelis, D.O., and Margaret S. Tretter, D.O., general internists, were recently informed by the American Board of Internal Medicine that they passed the Geriatric Medicine examination and have been awarded a Certificate of Added Qualifications in Geriatric Medicine.

Howard A. Silverman, M.D., family practitioner, successfully completed the American Board of Family Practice Geriatric Medicine Examination and has been awarded a Certificate of Added Qualifications in Geriatric Medicine.

Publications, Papers and Presentations

Peter J. Barbour, M.D., chief, Division of Neurosciences, Department of Medicine, **John E. Castaldo, M.D.,** neurologist, **Alexander D. Rae-Grant, M.D.,** neurologist, **William Gee, M.D.,** vascular surgeon, **James F. Reed III, Ph.D.,** Director of Research, and **Donna Jenny, R.N.,** and **Joan Longennecker, R.N.,** Neurosciences Research nurses, co-authored an article, **Internal Carotid Artery Redundancy is Significantly Associated with Dissection**, which was published in Vol. 25, No. 6, June 1994 edition of *Stroke*.

Alan W. Johnson, M.D., family practitioner and Director of Health Services at Lafayette College, co-authored an article, **Stress Fractures of the Femoral Shaft in Athletes -- More Common Than Expected**, which was published in Vol. 22, No. 2 of *The American Journal of Sports Medicine*.

Peter A. Keblish, M.D., chief, Division of Orthopedic Surgery, co-authored a paper, **Low Contact Stress Meniscal Bearing Unicompartmental**

Knee Replacement Long Term Evaluation of Cemented and Cementless Results, which was recently published in the *International Journal of Orthopaedics and Rheumatology*. The paper was a combined effort of the Medical College of New Jersey and Lehigh Valley Hospital. The hospital has been involved in the evaluation of the unicompartmental knee arthroplasty since 1980. The paper reports on the combined surgeries with over four year follow-up.

Indru T. Khubchandani, M.D., colon and rectal surgeon and Director General of the International Society of University Colon and Rectal Surgeons was the Program Chairman of the 15th Biennial Congress of the Society held in Singapore from July 1 to 6. The meeting was attended by over 700 surgeons from 42 countries including Russia, China, and the recently liberated Eastern European countries. Dr. Khubchandani was re-elected as the Director General of the organization.

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Bruce I. Rose, M.D., chief, Division of Reproductive Endocrinology & Infertility, authored an article, **Use of a Single Intrauterine Insemination of Defrosted Cryopreserved Sperm for Therapeutic Donor Insemination**, which was published in Vol. 39 (3) of the *International Journal of Fertility and Menopausal Studies*.

Harry Z. Suprun, M.D., pathologist, co-authored an article, **Experience with Endopap Endometrial Sampling in the Cytodiagnosis of Endometrial Carcinoma and Its Precursor Lesions**, which was published in Vol. 38, No. 3, May-June, 1994 edition of *Acta Cytologica*.

Susan D. Wiley, M.D., vice chairperson, Department of Psychiatry, **Peggy D. Showalter, M.D.**, psychiatrist, **Richard C. Bogert, M.Ed.**, director, Mental Health Clinic, **Maureen McFarland, R.N., B.S.N.**, Mental Health Clinic, and **Thomas Wasser, M.Ed.**, Research Department, co-authored a poster presentation titled **Outcomes of Outpatient Clozapine Treatment in a Mental Health Clinic**, which was accepted and will be presented at the fall clinical conference of the American Psychiatric Association on October 1.

Upcoming Seminars, Conferences and Meetings

Regional Symposium Series VI

Legal Update for Physicians: Risks of Managed Care versus "Unmanaged" Care will be presented on Wednesday, August 24, from 8:30 a.m. to 12:15 p.m., in the Auditorium of Lehigh Valley Hospital, Cedar Crest & I-78.

Physicians and other health care professionals interested in legal issues will benefit from the program.

At the completion of this program, participants should be able to:

- identify managed care liability issues, and
- describe malpractice and risk management principles.

Perinatal and Neonatal Nursing Care: A Positive Report Card will be held on Friday, September 16, from 8 a.m. to 4:30 p.m., in the Auditorium of Lehigh Valley Hospital, Cedar Crest & I-78.

Antenatal, obstetric, neonatal, and newborn nursery nurses will benefit from this program.

At the completion of the program, participants should be able to:

- define and describe the various testing methods used to evaluate the fetus during perinatal assessment and evaluation;

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- describe and discuss the newest updates being employed in the field of neonatology;
- identify and discuss the advantages and goals of a regional perinatal network system; and
- identify legal risks in perinatal care and how to avoid them.

Seventh Annual Cardiovascular Nursing Seminar will be held on Wednesday, September 21, from 7:15 a.m. to 4:30 p.m., in the Auditorium of Lehigh Valley Hospital, Cedar Crest & I-78.

Nurses, nursing administrators, and other health care professionals interested in a cardiovascular nursing update will benefit from this program.

The program will feature two nationally known speakers who will present the latest trends in cardiovascular medical and surgical treatments. Other experts will present the most recent information on interventional cardiology, mitral valve replacement and repair, diabetes and heart disease, MI update, and care for the caregiver.

Sixth Annual Neuroscience Symposium: Outpatient Management of Neurological Disorders will be held on Friday, October 14, from 8 a.m. to 4:30 p.m., in the Auditorium of Lehigh Valley Hospital, Cedar Crest & I-78.

Physicians, nurses, and other health care professionals concerned about outpatient management of neurological disorders will benefit from the program.

At the completion of the program, participants should be able to:

- develop awareness of new approaches to neurologic management in outpatient setting;
- discuss the use of new drugs in the treatment of neurologic disorders; and
- develop rational approaches to inpatient versus outpatient management of selected disorders.

For more information regarding the above programs, please contact Human Resource Development at 402-4609.

Reminder

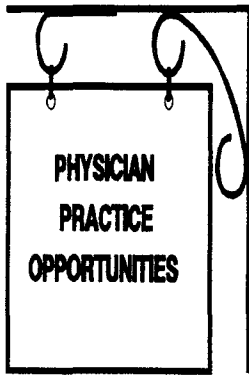
When notifying a family by telephone about a patient's death, please remember to tell them to call the funeral director. If they are not told, some families assume the hospital will make the call.

When you need to talk,
there's someone to listen.



Physician Assistance Program

To arrange a confidential appointment or for more information, call (610) 433-8550 or 1-800-327-8878.



- For Sale or Lease -- Springhouse Professional Center, 1575 Pond Road. Ideal for physician's office. Approximately 2,500 sq. ft.
- For Sales or Lease -- Medical/Professional three-story office building at 1730 Chew Street, Allentown. Excellent condition with recent renovations. Approximately 6,800 sq. ft. for single or multiple specialty practice. Includes long-term parking lease at Fairgrounds. Potential telephone and dictations systems.
- For Sale -- Office building at Northeast corner of 19th and Turner Streets in Allentown. Upper level - 2,400+ sq. ft., large waiting room, two large consultation rooms, five exam rooms, etc. Lower level - 2,300+ sq. ft. Parking lot for 16 cars.
- For Lease -- Office to sublet on Monday, Tuesday, Thursday, and Friday. 950 sq. ft. Common waiting area. Lakeside Professional Building, Quakertown.
- For Lease -- Large, newly remodeled, completely furnished medical office space available for subleasing/time share at Cedar Crest Professional Park. Top of the line telephone system. Transcription and computer system with electronic billing available.
- For Lease -- Slots are currently available for the Brown Bag suite at Kutztown Professional Center. Ideal for satellite location.
- For Lease -- Several time slots are available in the medical office building on the campus of Gnaden Huetten Memorial Hospital in Lehigh.
- For Lease -- Medical-professional office space located on Route 222 in Wescosville. Two 1,000 sq. ft. offices available or combine to form larger suite.
- For Lease -- Medical office space located in Peachtree Office Plaza in Whitehall. One suite with 1,500 sq. ft. (unfinished - allowance available), and one 1,000 sq. ft. finished suite.
- For Lease -- Specialty practice time-share space available in a comprehensive health care facility. Riverside Professional Center, 4019 Wynnewood Drive, Laurys Station. Half- or full-day slots immediately available.
- For Lease -- Professional office space available in an established psychology and psychotherapy practice at 45 N. 13th Street, Allentown. Large, warm Victorian building in a relaxed atmosphere. Secretary and billing available and included in some leases. Furnished or unfurnished full offices and sublets available. Utilities included.

For more information or for assistance in finding appropriate office space to meet your needs, contact Joe Pilla, Physician Relations Rep, at 402-9856.

WHO'S NEW

The Who's New section of *Medical Staff Progress Notes* contains an update of new appointments, address changes, newly approved privileges, etc. Please remember that each department or unit is responsible for updating its directory, rolodexes, and approved privilege rosters.

Medical Staff

Appointments

Devendra K. Amin, MD

(solo)
3735 Nazareth Highway
Suite 302
Easton, PA 18042-8751
(610) 258-2588
Department of Medicine
Division of Cardiology
Provisional Courtesy

Kimberly C. Brown, MD

Pediatric Clinic
Lehigh Valley Hospital
17th & Chew
Allentown, PA 18105-7017
(610) 402-7900
Department of Pediatrics
Division of General Pediatrics
Provisional Active

Jay S. Cowen, MD

Pulmonary Associates
(Dr. Vincent)
1210 S. Cedar Crest Blvd.
Suite 3200
Allentown, PA 18103-6028
(610) 439-8856
Department of Medicine
Division of Pulmonary
Provisional Active

Richard M. Herman, MD
Charles S. McConnel, Jr., MD
1259 S. Cedar Crest Blvd.
Suite 323
Allentown, PA 18103-6206
(610) 435-5858
Department of Surgery
Division of Otolaryngology
Provisional Active

Anthony J. Magdalinski III, DO
Hematology Oncology Associates Inc.
(Dr. Prager)

Fairgrounds Medical Center
400 N. 17th Street, #201
Allentown, PA 18104-5000
(610) 433-6691
Department of Medicine
Division of Hematology/Medical
Oncology
Provisional Active

John F. McCarthy, DO

Emergency Care Associates of
Allentown
(Dr. Lutz)
Cedar Crest & I-78
P.O. Box 689
Allentown, PA 18105-1556
(610) 402-8111
Department of Emergency Medicine
Division of Emergency Medicine
Provisional Active

Michael G. Sidarous, MD

Mertztown Community Medical Center
(Dr. C. Shah)
RD #1, Box 132J
Henningsville Road
Mertztown, PA 19539-9723
(610) 682-2137
Department of Medicine
Division of General Internal Medicine
Provisional Active

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Change of Status

Mohan H. Jain, MD
Department of Psychiatry
From Consulting to Emeritus
Consulting

Additional Privileges

Vincent R. Lucente, MD
Department of Obstetrics and
Gynecology
Division of Gynecology
Section of Pelvic Reconstructive
Surgery
Provisional Active
Collagen Implantation Privileges

Gary G. Nicholas, MD
Department of Surgery
Division of Vascular Surgery
Active
Placement of Transluminal Peripheral
Arterial Stents

Eugene E. Ordway, MD
Department of Medicine
Division of Cardiology
Active
Coronary Transluminal Extraction
Catheter Privileges

Robert M. Roeshman, DO
Department of Medicine
Division of Neurosciences
Active
Acupuncture Privileges

Unit Director Appointment

Michael D. Pasquale, MD
Transitional Trauma Unit

Practice Name Change

**Wasserman, Redenbaugh, Margraf
and Spikol, PC**
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James E. Redenbaugh, MD
John W. Margraf, MD
Lorraine J. Spikol, MD

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David Lezinsky, DO
no longer in practice with Gregory
Lang, MD
now practicing with Wescosville OB-
GYN Associates
682 N. Brookside Road
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Wescosville, PA 18106-9708
(610) 398-1177

Raymond L. Weiland, DO
no longer with Parkland Orthopedic
Associates
now in solo practice
2200 Hamilton Street
Suite 214
Allentown, PA 18104
(610) 776-7350
(Effective 8/15/94)

Continued on Page 16

Address Change

Panebianco-Yip Heart Surgeons

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Antonio C. Panebianco, MD
Theodore G. Phillips, MD
Farrokh S. Sadr, MD
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Raymond L. Singer, MD
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(Effective August 30, 1994)

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(610) 366-8637

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(solo)
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Division of General Pediatrics
Provisional Consulting

Marian Peseckis, MD
(Dr. Gross)
Department of Psychiatry
Provisional Active

Paul S. Raphael, MD
Department of Medicine
Division of Physical
Medicine/Rehabilitation
Consulting

Allied Health Professionals

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Michael F. Altrichter
Physician Extender
Technical - OR Tech
(Panebianco-Yip Heart Surgeons)

Resignations

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Physician Extender
Physician Assistant
(Panebianco-Yip Heart Surgeons)

Charles W. Riedel, PA-C
Physician Extender
Physician Assistant
(Panebianco-Yip Heart Surgeons)

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TSH Testing

Before presenting a discussion on thyroid function tests, we felt an update on TSH technology to be appropriate and timely.

Over the past 20 years, the classic TSH assay has dramatically improved from a sensitivity level of 1-2 mU/L (first generation) to a level of 0.1 mU/L (second generation) to the current (third generation) level of 0.01 mU/L. As is apparent, with each generation the sensitivity of the assay improved 10 fold. The terms sensitive, super sensitive or ultrasensitive should not be applied to TSH. This dramatic improvement in TSH assay sensitivity has made the serum TSH the most sensitive and readily accessible marker of thyroid hormone biological activity.

The improvement of the TSH assay to the third generation sensitivity of 0.01 is promoting a trend towards replacing the classic panel approach to thyroid testing. (The topic of the next newsletter). This trend not only reflects the increased focus on cost containment but reflects current research showing that TSH is the most sensitive diagnostic test for detecting both clinical and subclinical hypo and

hyperthyroidism. It is now established that the third generation TSH measurement in clinical practice has evolved from being merely a confirmatory test for primary hypothyroidism to a dominant role as the best indicator of all degrees of **primary** thyroid dysfunction.

Historically, the quality of the TSH assay has been judged by its ability to distinguish euthyroid from thyrotoxic values. For this purpose, we have defined the concept of **functional** sensitivity as the lowest TSH level reliably detected on a day-to-day and month-to-month basis. This is defined as the 20% CV (coefficient of variation) point of the inter-assay precision profile. The third generation TSH has a functional sensitivity between 0.01 and 0.02. The knowledge that TSH values less than 0.02 mU/L are expected in a thyrotoxic patient provides a reference point for the separation of patients with mild degrees of TSH suppression due to euthyroid sick syndrome and hyperthyroidism. A suppressed (< 0.02 mU/L) TSH does not however distinguish between "clinical" or "subclinical" hyperthyroidism, that requires a serum T4 and T3 RIA as well.

The third generation TSH is the only one being offered by our laboratory. It is not more expensive for the patient and can be run more efficiently because of automated technology briefly described below.

The newest technology utilizes an Immunometric Assay which is inherently more sensitive and differs fundamentally in concept from traditional RIA methods.

Chemiluminescent IMA's are noncompetitive assays which use an excess of a monoclonal TSH antibody bound to a solid support to capture TSH out of a serum sample. After incubation, a second signal-TSH

antibody labeled with the enzyme alkaline phosphatase is added and a sandwich produced. After washing, a chemiluminescent substrate is added which is hydrolyzed by the immobilized enzyme to produce an unstable intermediate resulting in a sustained emission of light directly proportional to the serum TSH concentration.

Gerald E. Clement, Ph.D.
Technical Director, Clinical Labs

Larry N. Merkle, M.D.
Chief, Endocrinology

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Physician Relations, 1243 S.
Cedar Crest Boulevard,
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