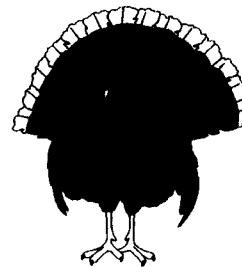


# *Medical Staff Progress Notes*



Volume 7, Number 10  
November, 1995



## *From the President*

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The quarterly meeting of the Medical Staff took place September 11, 1995, and was largely focused on reviewing the progress of the functional plan and the PHO. Further discussion of the functional plan, the emergency department and the patient centered care units took place at the Medical Staff/Administrative Exchange Session held September 21, 1995. I would like to give you a brief update on those meetings at this time:

- In general, the patient centered care teams are working well with increased employee and patient satisfaction. All recognize that there is a certain learning curve for the various components of patient centered care, but a great deal of effort has been placed on the education of all members of the support team, and I believe there is a sense by the nurses, administrative partners and support partners that this is going well.

- An executive decision has been made to bolster the RN staff during the hours of 11 a.m. to 7 p.m. by 1.5 FTEs and to increase the administrative partner support by 2.2 FTEs in order to improve the efficiency during the busiest time of the day.

- Most physicians appear to find that bringing the charts to the patient room and using a fold-down table has greatly improved their efficiency and their ability to locate the patient's medical chart. Wireless, portable computers are being piloted at this time to allow the administrative support partners to take orders off the charts without having to return to the central server area.

- The dearth of writing space for physician dictation tables will be improved by getting computers off the tables and by installing mechanical arms to support the monitors. There will be a uniform approach to storing patient forms in the doctor's dictation areas of the hospital. Automated telephone systems coupled with increased administrative support is being enacted on the server areas to better adjudicate incoming phone calls to the appropriate person. This will insure that physicians trying to reach the RN directly will be able to do so in a timely fashion.

- Monitoring mechanisms are in place to assess the process of the technical partners in blood drawing as well as the functioning of the PCC team in general to accomplish goal directed tasks.

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- Renovations to 6B and 4B have been completed, and construction on 5C is anticipated next. We welcome the move of the Pediatric inpatient service to Cedar Crest & I-78.

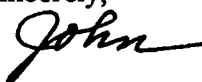
- The Radiology Redesign Team coupled with the Emergency Department Redesign Team is working well at establishing what the new emergency department will look like. We are confident that this will address the many needs of physicians from multiple departments throughout the hospital.

- The PHO, in particular the Valley Preferred portion of the PHO, continues to grow in exponential fashion now reaching 23,091 covered lives. Currently, Valley Preferred is the third largest managed care organization in the Valley, with Keystone and US Healthcare being larger. Discussions with US Healthcare and Capital Blue Cross continue among the leadership of the IPA/PHO and medical staff leadership to engage these payers in a larger PennCare product for the Integrated Delivery System.

Bob Murphy, Joe Candio, and I attended the Estes Park conference on medical staff leadership. This conference is designed to keep us abreast of the latest developments in physician health organizations, managed care, hospital governance, Medicare and health care reform throughout the country. A full report of what we learned is available in the Medical Staff Services office, and I welcome you to peruse this material. An abbreviated summary will be disseminated in the next *Medical Staff Progress Notes*.

Lastly, we would like to be the first to welcome the new Chair of the Department of Community Health and Health Studies -- Dr. Mark Young. Mark received his medical degree from the University of Michigan Medical School, and is currently Associate Chairman of Internal Medicine at the Henry Ford Health System in Detroit. The addition of Mark Young to our medical staff, as well as this new position as Chair of Department of Community Health and Health Studies, is anticipated to bring a new vibrancy to research and community health science here in the Lehigh Valley. We are very hopeful that it will soon become the cornerstone of community health for the Integrated Delivery System.

Sincerely,



John E. Castaldo, MD  
President, Medical Staff

#### Newly Renovated Units Open

On October 12, the Inpatient Pediatric Unit (formerly located at 17th & Chew) relocated to the newly renovated unit 4B at Cedar Crest & I-78. Following are the telephone and fax numbers for the unit:

Main number and number for admissions to Pediatrics - 402-6700  
Team # 1 - RN - 0241; Fax # - 6743  
Team # 2 - RN - 0243; Fax # - 6744  
Director - 0247

In addition, 6B recently opened in its entirety using the PCC concept. Following are the telephone numbers:

Rooms 2-5 - 5611 or 7126  
Rooms 6-10 - 5612 or 7127  
Rooms 11-14 - 5613 or 7128  
Rooms 15-18 - 5614 or 7129

The numbers beginning with 5 will connect you with the automated message, press 1 for the RN, press 2 for the unit clerk desk area. The numbers beginning with 7 will connect you directly to the unit clerk desk area.

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## ***Physician Attestation Statements***

The Federal Register has made it official -- effective September 1, 1995, physicians are no longer required to sign attestation statements for Medicare inpatients.

This was a federal regulatory change and does not impact Medicaid and Champus inpatients. Signatures are still required on attestation statements for Medicaid and Champus accounts, and there are no indications at this time that the state will eliminate this requirement.

The Medical Record Department will continue to deliver and mail attestations for Medicaid and Champus patients to your offices. The department will also continue to ask for clarification on code assignment with physicians via the "Attestation Questionnaire" (pink form). Questions will be faxed to your offices or delivered with the attestations for your convenience.

All physicians are encouraged to review the Clinical Information Sheets on your records (located behind the face sheet) at the time of record completion. Also, please review the code assignment and question anything with which you do not agree. The elimination of the attestation statement has not eliminated the DRG system (the method in which the hospital is reimbursed through the Medicare plan). In order to continue to code with the highest quality, your continued support is requested to clarify documentation in the medical record.

If you have any questions or concerns regarding this issue, please contact Michelle Meenan, Assistant Director, Medical Records, at 402-5035.

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## ***Annual Follow-up of Patients with a Cancer Diagnosis***

Systematic, annual follow-up of patients with a cancer diagnosis serves several important functions in the Tumor Registry. It reinforces the importance of the yearly physical exam and the need for continued medical supervision after a cancer diagnosis. Annual follow-up provides important information about the course of the disease (i.e., recurrence) and its treatment during the patient's lifetime. The statistical significance of registry survival data is supported when successful and accurate follow-up is performed. Follow-up data includes information about initial and subsequent cancer treatment, the presence of recurrent or metastatic disease, and the health and cancer status of the patient.

During the last year, it has become

evident that the completeness and accuracy of the follow-up information provided by physicians has decreased significantly. To help remedy this situation and to enhance the quality of care, the registry is making several changes in the way follow-up is conducted. Follow-up letters have been redesigned, making them easier to use and more accurate than previous letters. In addition, processes are in place to avoid sending duplicate letters to the same physician.

As committed members of the Medical Staff, your support of this important aspect of the hospital's Cancer Program through your active and timely participation in the annual follow-up system is anticipated.

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## ***National Medical Staff Services Professionals Week to be Celebrated***

This year, the week of November 5 will be celebrated as **National Medical Staff Services Professional Week**, a time to honor the professionals who work in Medical Staff Services.

At Lehigh Valley Hospital, the staff of Medical Staff Services is responsible for thoroughly and accurately credentialing physicians and other practitioners prior to their joining the hospital's Medical Staff or Allied Health Staff. Once appointed to the staff, physicians and allied health professionals must be reappointed every two years. The Medical Staff Services Office coordinates this process with other departments, including IQA/RUM and each of the clinical departments, to compile information on each practitioner evidencing status of licensure, certification, health status, and current competency in performing previously authorized privileges. With more than 790 Medical Staff members and 150 Allied Health Staff members, this is no small task!

In addition, Medical Staff Services provides support for various Medical Staff functions including clerical and administrative support to the Medical Staff-President, President-elect, and Past President, and staffing to a number of Medical Staff committees such as Bylaws, Credentials, Medical Executive, and General Medical Staff. Further, the office serves as an important resource to physician offices, hospital departments, administration, other hospitals, and managed care organizations.

The staff of Lehigh Valley Hospital's Medical Staff Services includes Elizabeth Ehnott, Secretary; John W. Hart, Vice President; Eileen Hildenbrandt, Credentialing Technician; Beth Martin, Executive Secretary; and Rita Mest, Medical Staff Coordinator.

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## ***Construction Update***

Beginning in mid-October, renovation construction began in the Medical Intensive Care Unit (MICU) and Surgical Intensive Care Unit (SICU). The scope of the renovation project will add two isolation rooms with anterooms in both the MICU and SICU. In addition, the electrical, heating, ventilation, and air conditioning systems will be upgraded. Negative air filtration will be installed for the isolation rooms. The nurses' station areas will also be modified to ensure code compliance for eight foot hallways.

The project will be phased by relocating three critical care beds at a time. The patients will be relocated to the four-bed SCU room previously occupied by hemodialysis services. The one is fully equipped to care for level I critical care patients. The MICU/SICU staff will staff this area. The anticipated renovation timeline is three to four months.

If you have any questions or concerns, please contact either Jay Kaufman, MD, MICU Medical Director, or Louise Oswald, RN, Director, MICU/SICU/SCU, at 402-8703.

## ***Department of Care Management Systems***

William W. Frailey, Jr., MD, Vice President, recently announced the completion of the design of the Department of Care Management Systems. This department has been created to meet the needs of care givers to assure that Lehigh Valley Hospital and Lehigh Valley Health Network continue the delivery of high quality patient care while responding to the challenge of delivering that care at an affordable cost.

The leadership team of the department will consist of:

**William W. Frailey, Jr., MD** - Vice President, Care Management Systems  
**Lester Rosen, MD** - Clinical Outcomes Management  
**Susan Lawrence** - Administrator, Clinical Resource Management  
**Terry Capuano** - Administrator, Clinical Process Development  
**Doug Helfrich** - Senior Management Engineer  
**Brian Leader** - Senior Management Engineer

The department will assume responsibility for numerous related functions including:

- Staff support to the Medical Staff, IPA/PHO, and clinical leadership in the redesign of patient care to meet the challenge of the changing healthcare environment.
- To provide individual case management support for physicians and nurses caring for inpatients. This will include assistance to expedite care as well as discharge planning and resource utilization management.
- To provide longitudinal case management to integrate the in and outpatient care of groups of patients with chronic illnesses at high risk of multiple admissions.

- To re-engineer the current narrowly focused Performance Improvement/Quality Assurance Process to a cross-functional/multidisciplinary process and eliminate redundant and unnecessary committees.

The Department of Care Management Systems is located in Suite 405 of the John & Dorothy Morgan Cancer Center.

As staffing and education processes for the new department will be completed over the next few weeks, further detailed information will be distributed on the services available.

For more information or if you have any questions, please contact Dr. Frailey at 402-8604.

### **Memorial Fund Established**

We are all saddened by the sudden loss of our colleague and friend, George Guldin. A member of the hospital's family since 1981, George was a Supervisor in Respiratory Therapy. He is survived by his wife, Kathleen, and their three children – Libby, age 8; Marie, age 7; and Nicholas, age 5.

For those of you who are interested, a fund has been established for the benefit of George's family with People First Federal Credit Union, Lehigh Valley Hospital branch. Checks should be made payable to: People First Federal Credit Union with a notation on the memo line that the contribution is for the Guldin Family. Checks should be sent to People First Federal Credit Union, John & Dorothy Morgan Cancer Center, 1240 S. Cedar Crest Blvd., Suite 415, Allentown, PA 18103.

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## ***Adult Transitions Now Offers Program for Depressed Seniors***

The senior years are often marked by the loss of loved ones and the challenges of changing lifestyles and relationships.

Adult Transitions of Lehigh Valley Hospital now offers a new program for persons aged 60 and older experiencing social isolation and distress related to depression, anxiety, personal losses, and lifestyle changes.

The Seniors Program at Adult Transitions takes place in a support group setting in which clients learn and develop problem-solving, coping and stress management skills and are linked with community services.

Group therapy, self-esteem building, health education, guest speakers, and leisure therapy sessions offer valuable information and useful skills.

The program runs four days per week, from 9 a.m. to 3 p.m., in Adult Transitions' non-hospital setting at 1259 S. Cedar Crest Boulevard, Allentown, across from Lehigh Valley Hospital, Cedar Crest & I-78.

For more information, contact Beth Henderschedt at Adult Transitions at 821-2043.

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## ***Pool Trust Awards Grant for Medical Education***

The board of trustees for the Dorothy Rider Pool Health Care Trust has awarded a \$1.7 million grant to Lehigh Valley Hospital to support a community model of care for medical education.

According to Edward F. Meehan, executive director for the Pool Trust, "The grant is the largest ever awarded by the Trust. More importantly, it has tremendous implications for how medical education can be refocused on measurable improvement of health at the community level."

Lehigh Valley Hospital's proposal for medical education to be funded by the Pool Trust 1) establishes an integrated community-based medical education model based on community needs; 2) emphasizes health promotion, disease prevention and primary care; 3) creates educational programs, information systems and research components to

support the model; and 4) expands community involvement of newly trained physicians. The educational program is further enhanced by the hospital's affiliation with Penn State University's Hershey Medical School.

### **REMINDER**

The Outpatient Laboratory, previously located at 1210 S. Cedar Crest Boulevard, is now located at **1230 S. Cedar Crest Boulevard, Suite 102.**

Please remind your patients of this change when sending them for testing.

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## ***Family Care Program Begins***

Beginning on October 23, the Family Care Program was initiated on the 7th floor. The Family Care Program, which is a component of Patient Centered Care, invited family members to become care partners during their loved one's hospitalization. This means care

partners will have extended visiting hours, may accompany patients to tests and procedures, and will be learning patient care tasks. Care partners will be identified by a yellow name band, and patient charts will be identified with a family care sticker.

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## ***News from Coalition for a Smoke-Free Valley***

The Coalition for a Smoke-Free Valley is pleased to announce the appointment of Diane Tihansky as a full-time Training Coordinator. Formerly a clinician in the Respiratory Therapy Department, Ms. Tihansky is continuing her graduate studies in Health Administration.

In her new position, Ms. Tihansky will coordinate the training program which is available to you and your office staff to help your patients stop smoking. Developed by the National Cancer Institute, the **How to Help Your Patients Stop Smoking**

program, is a step-by-step guide for incorporating a smoking cessation program in your office. The guide employs a team approach to make maximum use of your time where it will be most effective, and to rely on your office staff for support activities, without disrupting a busy practice.

The training is free and only takes about one hour. For more information or to schedule a convenient time for the training program, contact Diane Tihansky at the Coalition for a Smoke-Free Valley at 402-7460.

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## ***Arts Advisory Council to Hold Art Show***

The Arts Advisory Council of Lehigh Valley Hospital will hold its ninth annual art show and sale from October 22 through November 4 in the John and Dorothy Morgan Cancer Center. Original works of many mediums by more than 80 local artists

will be offered daily, from 10 a.m. to 6 p.m., at prices ranging from \$150 to \$3,000. Proceeds from the sale are used to purchase art works for enjoyment and appreciation by patients, their families, and hospital staff.

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## ***Specialty Beds and Mattresses***

Usage of specialty beds and mattresses has increased dramatically over the past year causing expenses to exceed projections. For the most part, these therapies are being used appropriately, but it is imperative that the product be discontinued just as soon as the patient no longer fits the criteria for use. Following are a few points to consider:

1) The standard hospital mattress, in all but Pediatrics and Psychiatry, is the Comfortex Decube Mattress which consists of 6 1/2 inches of low pressure therapeutic foam. The mattress has removable cubes that correspond with many of the pressure points of the body. The removal of two of these cubes under a bony prominence will further enhance the therapeutic effect by further decreasing interface pressures. The Comfortex mattress offers greater pressure reduction than either the egg crate or static air mattress overlay. During the months of October and November, 225 of the original Comfortex mattresses that have exceeded their warranty period will be replaced.

2) In the nursing standard on Potential for Impaired Skin Integrity, there is a risk assessment process for the nurse to use as a guide when assessing the needs of patients who are at increased risk for skin breakdown and a decision tree to assist decision making regarding the appropriate therapeutic surface. Patients who are on specialty beds and mattresses are to be assessed daily to determine if the product is still needed.

Please continue to provide this therapy to patients who need it; however, please help keep costs down by discontinuing the beds/mattresses as soon as the patient's condition improves.

For more information about specialty beds and mattresses, please contact the Enterostomal Therapy Department at 402-8633. The Enterostomal Therapy nurses are also available to consult on any of your patients with skin care issues.

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## ***News from Research***

Following is a list of upcoming meetings along with calls for abstracts, when available:

\* The Association of Academic Surgeons Annual Meeting to be held on November 7, in Ann Arbor, Mich.

\* The American Society of Nephrology 27th Annual Meeting to be held on November 15, in San Diego, Calif.

\* The National Association of Health Data Organization 10th Anniversary Meeting to be held on November 16, in Washington, DC.

\* The Society of General Internal Medicine for the 19th Annual Meeting to be held on May 2, 1996 in Washington, DC. Submission due date is December 13, 1995.

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



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## ***What's New in the Health Sciences Library?***

The following publications are available in the Health Sciences Library at Cedar Crest & I-78:

*Gastroenterology Clinics of North America*, Volume 24, Number 3 - September, 1995; Topic: Inflammatory Bowel Disease, Guest Editor: Mark Peppercorn, MD

*Endocrinology and Metabolism Clinics of North America*, Volume 24, Number 3 - September, 1995; Topic: Clinical Disorders of Fluid and Electrolyte Metabolism, Guest Editor: Robert Dluhy, MD

*Infectious Disease Clinics of North America*, Volume 9, Number 3 - September, 1995; Topic: Antibacterial Therapy, Guest Editor: Donald Kaye, MD

*The Radiologic Clinics of North America*, Volume 33, Number 5 - September, 1995; Topic: Helical (Spiral) Computed Tomography, Guest Editor: Paul Silverman, MD

*Bone Tumors: Clinical, Radiologic, and Pathologic Correlations*, Author: Joseph Mirra, Publisher: Lea & Febiger

*Spinal Cord Injury: Medical Management and Rehabilitation*, Editor: Gary Yarkony, Publisher: Aspen Publishers

*High-Dose Cancer Therapy: Pharmacology, Hematopoietins, Stem Cells*, 2nd ed., Editor: James Armitage, et al, Publisher: Williams & Wilkins

*Procedures for Primary Care Physicians*, Editor: John Pfenninger, et al, Publisher: Mosby

*Handbook of Vascular Surgery*, Editor: Clifford Sales, et al, Publisher: Quality Medical

*Color Atlas and Text of Emergencies*, 2nd ed., Author: Kenneth Mills, Publisher: Mosby-Wolfe

The following publications are available in the Health Sciences Library at 17th & Chew:

*Clinics in Perinatology*, Volume 22, Number 3 - September, 1995, Topic: Perinatal Hematology, Guest Editor: Ellen Bifano, MD, et al

*Obstetrics and Gynecology Clinics of North America*, Volume 22, Number 3 - September, 1995, Topic: Hysteroscopy, Guest Editor: Alvin Siegler, MD, Dsc

*Diabetes Complicating Pregnancy: The Joslin Clinic Method*, 2nd ed., Editor: Florence Brown, et al, Publisher: Wiley-Liss

*Care of the Elderly: Clinical Aspects of Aging*, 4th ed., Author: William Reichel, Publisher: Williams & Wilkins

The following publications are available at both locations:

*The Surgical Clinics of North America*, Volume 75, Number 5 - October, 1995, Topic: Pancreatic Neoplasms, Guest Editor: John Cameron, MD

*The Medical Clinicals of North America*, Volume 79, Number 5 - September, 1995, Topic: Contemporary Issues in Cardiology, Guest Editor: Prakash Deedwania, MD

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## ***Congratulations!***

**John E. Castaldo, MD**, neurologist and Medical Staff President, has been asked to write a position paper on carotid endarterectomy for the Therapeutics and Technology Assessment Subcommittee of the American Academy of Neurology.

**Peter A. Keblish, MD**, Chief, Division of Orthopedic Surgery, has recently completed and passed the American Board of Orthopaedic Surgery Recertification Examination.

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## ***Papers, Publications and Presentations***

**Joseph T. Antonowicz, MD**, and **Peggy E. Showalter, MD**, psychiatrists, along with **Sheila Berg, LSW**, and **Lisa Taylor, LSW**, social workers, have received word that their submission, "Profiles and Treatment of Attempted Suicide by Self-immolation," has been accepted for poster presentation at the Annual Meeting of the Association of Medicine and Psychiatry in November, 1995.

**John E. Castaldo, MD**, neurologist and Medical Staff President, will present a paper, "Do ACAS Patients Report TIA Symptoms with Urgency?", which he co-authored, at the 21st International Joint Conference on Stroke and Cerebral Circulation to be held in January, 1996, in San Antonio, Texas.

**George I. Chovanes, MD**, neurosurgeon and Medical Director of the Central Nervous System Unit, was notified that his abstract has been accepted as a poster presentation at the 13th Annual Neurotrauma Symposium to be held November 10 and 11, in San Diego, Calif., and for inclusion in the October edition of the **Journal of Neurotrauma**.

**Mark A. Gittleman, MD**, general surgeon, **Kenneth M. McDonald, MD**, vascular surgeon, and **Paul Frassinelli, MD**, third-year surgical resident, have co-authored "Primary Aortoenteric Fistula Secondary to Ulcerative Atherosclerosis: A Case Report," a paper which was recently published in the September/October issue of **Vascular Surgery**.

**Masayuki Kazahaya, MD**, ophthalmologist, presented a case report of Recurrent Vitreous Hemorrhage from a Macroretinal Aneurysm at the Annual Wills Eye Hospital Retina Conference held on September 22 in Philadelphia.

**Peter A. Keblish, MD**, Chief, Division of Orthopedic Surgery, was the guest speaker at the course titled, "Cost Containment Issues: Considerations in Implant Selection." Dr. Keblish spoke on topics of cortical cancellous bone graft techniques in total knee arthroplasty and also patella management in total knee replacement. He also participated in panel discussions on various aspects of total knee arthroplasty.

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**Steven Lawrence, MD**, orthopedic surgeon, recently participated in the Penn State/Hershey conference on Primary Care for the Athlete: Fitness, Injury Evaluation and Management. Dr. Lawrence spoke on "Evaluation and Treatment of Achilles Tendon Problems."

**Thomas D. Meade, MD**, orthopedic surgeon, was an invited guest lecturer at a number of meetings held in September. He was the keynote speaker for the National Association of Hospital Health and Fitness Facilities held in Orlando, Fla., where he gave a presentation titled "Integrating Orthopedics, Physical Therapy, and Fitness in a Managed Care Environment." In addition, he was a speaker at Penn State's Primary Care Sports Medicine Symposium where he spoke on "Primary Care Decision Making in the Anterior Cruciate Deficient Knee." Locally, Dr. Meade co-directed a primary care fracture conference and laboratory for the Lehigh Valley Hospital IPA primary care members in cast application and billing for fracture care.

**Glen L. Oliver, MD**, Chief, Division of Ophthalmology, attended the Annual Wills Eye Hospital Retina Conference on Friday, September 22, and presented a case report of Multifocal Chorioretinitis associated with a recent Epstein-Barr virus infection.

**F. Geoffrey Toonder, MD**, cardiothoracic surgeon, was an invited lecturer at the 1995 Annual Meeting of the Pennsylvania Association for

Thoracic Surgery held September 15-17, at The Four Seasons Hotel, Philadelphia, Pa. The title of his presentation was "Low Volume Cardiac Surgery in a Community Hospital (A 17 Year Experience)."

In addition, Dr. Toonder presented "Carotid Artery Disease and the Asymptomatic Carotid Artery Study" at the 5th Annual CME Weekend and Primary Care Update sponsored by the Pennsylvania Osteopathic Medical Association - District III held September 8-10, in Lancaster, Pa.



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## ***Upcoming Seminars, Conferences and Meetings***

### **Medical Staff/Administrative Exchange Session**

The November Medical Staff/Administrative Exchange Session will be held on Thursday, November 16, beginning at 5:30 p.m., in Conference Room 1, Side B, of the John and Dorothy Morgan Cancer Center.

This is an ideal opportunity for members of the Medical Staff to participate in the exchange of information about important topics in a timely manner.

Topics to be discussed will be announced prior to each session.

For more information, contact John E. Castaldo, MD, Medical Staff President, through Physician Relations at 402-9853.

### **Regional Symposium Series**

**Seventh Annual Neuroscience Symposium: New Frontiers in Headache Management** will be held on Saturday, November 11, from 7:45 a.m. to 12:15 p.m., in the hospital's Auditorium at Cedar Crest & I-78.

Physicians, nurses, and other health professionals interested in headache management will benefit from the program.

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

- describe current understanding of migraine pharmacology and a national approach to migraine treatment
- discuss how psychiatric problems can manifest themselves in the headache patient
- discuss the role of analgesic abuse in chronic daily headache

**Update on Shoulder Problems: A Primary Care Approach** will be presented on Saturday, December 2, from 7:30 a.m. to 1 p.m., in the hospital's Auditorium at Cedar Crest & I-78.

Orthopedic surgeons, general practitioners, physicians' assistants, physical therapists, nurses, and other health professionals interested in an update on shoulder problems will benefit from the program.

At the completion of the program, the participant should be able to describe the anatomy, signs, symptoms, diagnosis and treatment of shoulder problems in the general population.

For more information on the above programs, please contact the Office of Education at 402-1210.

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### **Department of Pediatrics**

**Accidental and Non-Accidental Head Trauma** will be presented by Dennis Johnson, MD, neurosurgeon, Hershey Medical Center, on Friday, November 10, in the hospital's Auditorium at 17th & Chew.

For more information, contact Cindy at 402-2410.

### **Primary Care Seminars**

**Common Sports Injuries: Knees, Ankle, Foot** will be presented by George A. Arangio, MD, orthopedic surgeon, on Wednesday, November 8.

**Pediatric Rashes** will be presented by Dennis W. Kean, MD, pediatrician, on Wednesday, November 22.

Primary Care Seminars are held from 7 to 8 a.m., in the Auditorium at Cedar Crest & I-78. For more information, contact Karen Nodoline in the Department of Family Practice at 402-4950.

### **Psychiatry Grand Rounds**

**Behavioral Treatment of Substance Abuse Disorders** will be presented by Maxine Stitzer, PhD, Professor of Behavioral Biology, Department of Psychiatry & Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, Md., on Thursday, November 16, beginning at noon in the Auditorium at 17th & Chew.

As lunch will be provided, pre-registration is requested. For more information or to register, contact Lisa Frick in the Department of Psychiatry at 402-2810.

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## ***Health Promotion and Disease Prevention News***

### **Men's Health Care Series**

**Men and the Stages of Aging** will be presented by Francis A. Salerno, MD, Chief of the Division of Geriatrics, on Thursday, November 9, from 7 to 8:30 p.m., in the hospital's Auditorium at Cedar Crest & I-78. Men experience different physical and emotional challenges during each of the stages of aging. Learn how you can prepare for these challenges and maintain your health and well-being at every stage of your life.

### **Free Community Lecture**

**Update on Epilepsy** will be presented by Alexander Rae-Grant, MD, Director of the Neurophysiology Laboratory, on Tuesday, November 28, from 7 to 8:30 p.m., in the hospital's Auditorium at

Cedar Crest & I-78. The causes, types, diagnosis and treatment of the many forms of epilepsy will be outlined at this lecture. Quality of life issues and current research will be discussed.

In addition to these free public lectures, the Health Promotion and Disease Prevention Department also offers numerous programs which may benefit your patients. Classes are offered in the following categories: Nutrition and Weight Control, Nicotine Dependence Services, Stress Management, and Fitness Programs.

For more information on these services or the above free public lectures, contact the Health Promotion and Disease Prevention Department at 402-5960.

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## ***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***

**M. Carol Greenlee, MD**  
Merkle, Barilla & Doll  
Allentown Medical Center  
401 N. 17th Street, #215  
Allentown, PA 18104-5042  
(610) 820-9557  
FAX: (610) 820-8529  
Department of Medicine  
Division of Endocrinology/Metabolism  
Provisional Active

**Elizabeth A. Khan, MD**  
Tilghman Urgent Care (solo)  
4825 Tilghman Street  
Allentown, PA 18104-9374  
(610) 366-9000  
Department of Family Practice  
Provisional Active

#### ***Medical Director Appointments***

**Donald E. Barilla, MD**  
Department of Medicine  
Division of Endocrinology/Metabolism  
Active  
Medical Director of the Metabolic Bone Program

**Larry N. Merkle, MD**  
Department of Medicine  
Division of Endocrinology/Metabolism  
Active  
Medical Director, Helwig Diabetes Center

## ***Appointment to Chief Positions***

**Alan B. Leahey, MD**  
Associate Chief  
Division of Ophthalmology

**Glen L. Oliver, MD**  
Chief  
Division of Ophthalmology

**Lester Rosen, MD**  
Associate Chief  
Division of Colon and Rectal Surgery

#### ***Change of Status***

**Harry W. Buchanan IV, MD**  
Department of Surgery  
Division of Ophthalmology  
From Active to Referring

**David G. Glueck, MD**  
Department of Family Practice  
From Referring to Provisional Active

**Carmen B. Montaner, MD**  
Department of Anesthesiology  
From Active to Emeritus Active

**John W. Reinhart, MD**  
Department of Family Practice  
From Courtesy to Honorary

#### ***Address Changes***

**Michael F. Busch, MD**  
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Oakwood Medical Center  
951 N. 4th Street  
Allentown, PA 18102  
(610) 434-8801

(Continued on Page 15)

(Continued from Page 14)

**Thomas P. Harakal, MD**  
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**John M. Kauffman, Jr., DO**  
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FAX: (610) 432-7032

### ***New Practice Name***

**Carolyn S. Scott, MD**  
**Andrea Waxman, MD**  
***Lehigh Valley Women's Health Care Alliance, Ltd.***  
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**Daniel E. Muser, MD**  
**David B. Yanoff, MD**  
***Mahoning Valley Orthopedics & Rehab Specialists***  
246 N. 6th Street  
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### ***Practice Changes***

**Howard A. Israel, MD**  
No longer in practice with Mark P. Shampain, MD  
Dr. Israel's new practice name and address are:  
Allentown Asthma and Allergy  
1605 N. Cedar Crest Blvd.  
Suite 605  
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FAX: (610) 820-9078

**Wendy J. Rush Spinosa, MD**  
No longer in practice with Mauch Chunk Medical Center  
Now in practice with Henry E. Lehrich, MD  
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(610) 437-0739  
FAX: (610) 437-3601

### ***Allied Health Professionals***

#### ***Appointments***

**Jennifer A. Fitzgerald-Zaner, CRNP**  
Physician Extender  
Professional - CRNP  
(Hospital - Ambulatory Care)

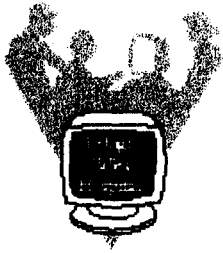
**Candy Landy**  
Physician Extender  
Technical  
(John J. Cassel, MD)

**Terry A. Smith, PhD**  
Associate Scientific  
Psychologist  
(Ambulatory Mental Health Care - The Guidance Program)









# Health Sciences Library

## Computer Learning Resource

### Nov. 1995

#### **FYI.....**

Incorporating Evolving Information Technology into Medical Education *is a major initiative* in the hospital's "Strategic Plan for Medical Education". The plan is to be funded by the Dorothy Rider Pool Health Care Trust and will allow LVH to become a nationally recognized leader in educational programming and model development by utilizing the most up-to-date information technologies. The realization of this goal will enhance the quality of education available to the Hospital's health professionals.

Technology Focus-Groups are being established to research technologies identified as being "useful" in delivery of information and medical education. We are asking for as much participation as possible from all those involved in the educational programs at LVH. Please review the following areas of interest and think about how your programs could best utilize the following technologies.

Computer-Based-Training (CBT)  
-Interactive Video,CDROM,Multimedia

Telemedicine  
- Video/ Audio Conferencing  
- Real Time Video  
- Virtual Reality

Internet  
-World Wide Web  
- Listservs  
- Telemedicine via World Wide Web  
- CBT, CME via internet

Virtual Library  
-Research Tools, Databases  
- Full text books and Journals  
-Graphics capabilities

The goals of the focus-groups are to conduct a needs assessment by educational program, conduct site visits, assess the current resources available, consolidate efforts between the educational programs, form partnerships, and research funding sources. We have a wonderful opportunity in front of us and we need to "take hold" and make it work! Contact Sherry Giardiniere via E-Mail or at ext. 8406 for further information or to participate in one or all of the identified areas.

#### **OVID Update**

In addition to Medline, Health, and CINAHL, two new databases have been added:

- CancerLit: Cancer Research
- Aidsline: AIDS Research

#### **TIP OF THE MONTH:**

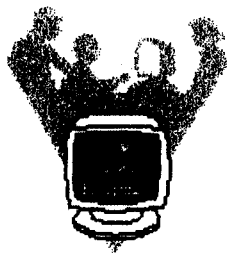
Tracking a bulletin board on E-Mail is an excellent way to find out the latest information on that topic.

From your E-Mail main menu:

- Choose **B** for Bulletin Board.
- Find the Bulletin Board that you would like to track and select it using the **M** option. Follow the on-screen information.

From now on, every time you check your E-Mail, you will automatically see any new messages.

Be sure to track the Medline Services, Micromedex, and Internet Bulletin Boards.



## **HEALTH SCIENCES LIBRARY COMPUTER LEARNING RESOURCES TRAINING WORKSHOPS**

***November 1995***

*All workshops are hands-on. Call the Library at 402-8406 to register.*

### **MEDLINE(OVID)**

*November 3 0700-0830, CC Computer Training Room, 4th Floor, Cancer Center*

This workshop will cover:

- OVID and OVID\_TERM icons
- Basic Searching including Subject Search, Textword search, Limiting, combining, view(browse).
- Printing and Saving a Search
- Retrieving a Saved Search

### **INTRODUCTION TO OVID, MICROMEDEX, OPAC, INTERNET**

*November 17, 0700-0830, CC Computer Training Room, 4th Fl. Cancer Center*

This workshop will cover the basic functions of each of the applications and how their usage can best be integrated into our daily job functions. Included will be an overview of the OVID databases, Micromedex Drug Interactions, how to use the automated card catalog (OPAC), and an introduction to the biomedical information available on internet.

### **INTERNET**

*November 14, 1700-1900, CC Computer Training Room, 4th Fl, Cancer Center*

Basic Internet functions will be covered including using the hospital connection to access relevant information.

### **Advanced MEDLINE (OVID)**

*November 10, 0700-0830, CC Computer Training Room, 4th Fl, Cancer Center*

*(Previously completing the MEDLINE workshop is recommended)*

Go a little "beyond the basics". Discover how to individualize your search settings, use "tools" to perform the most effective search, how to use EXPLODE to search a subject heading, and search strategy shortcuts.

### **MICROMEDEX**

*November 29, 0700-08:30, CC Computer Training Room, 4th Fl, Cancer Center*

Take a tour of the available databases and how to most effectively use them.

*(You should already have the application icons available to you when you sign on the the hospital network. This will allow for "hands-on" participation in the workshops)*

# P & T HIGHLIGHTS

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The following action were taken at the September 27, 1995 Pharmacy and Therapeutics Committee Meeting - Maria Barr, Pharm.D., BCPS, Barbara Leri, Pharm.D., Richard Townsend, R.Ph., M.S.

## **RECOGNIZE YOUR PHARMACIST - NATIONAL PHARMACY WEEK**

The Pharmacy Department will be celebrating National Pharmacy Week October 22-28, 1995. The theme this year is "Communicate Before you Medicate." Stop by and participate in the activities and information sharing. Our Pharmacy Staff will be available for drug questions and drug information Monday - Thursday from 11:30am - 1:00pm outside the Cafeteria/CC site. Brush up on your tablet identification skills. We will be having a tablet ID contest with the lucky winner receiving 2 movie tickets.

Don't forget to wish our Unit-based Pharmacist a Happy Pharmacy Week. They are available on almost all the floors Monday - Friday from 7:30am-4:00pm.

## **ORAL CEPHALOSPORINS FOR PEDIATRIC PATIENTS**

Oral cephalosporin suspensions were reviewed to update the formulary. The cephalosporin formulary should include agents effective against common pathogens in pediatric patients. Oral cephalosporins are indicated for treatment of otitis media, respiratory, skin and skin structure, and urinary tract infections. Common pathogens in otitis media and respiratory tract

infections are *Streptococcus pneumoniae*, *Haemophilus influenzae*, *Moraxella catarrhalis*, *Streptococcus pyogenes*, and rarely, *Staphylococcus aureus*. Coliforms and Group D streptococci are common pathogens in urinary tract infection. Skin and skin structure infections are usually caused by *Staphylococcus aureus*.

Amoxicillin remains the drug of choice for initial therapy of otitis media. Cephalosporins are acceptable alternatives in patients with recurrent infection and in areas with a high incidence of beta-lactamase resistant organisms. Penicillin is the drug of choice for streptococcal pharyngitis. Patients with penicillin allergy should receive erythromycin. The pathogens in sinusitis are similar to otitis media with the addition of *Staphylococcus aureus*. Amoxicillin is as effective as the cephalosporins for initial therapy of sinusitis. The duration of therapy recommended for sinusitis is 14 to 21 days.

Amoxicillin or trimethoprim/sulfamethoxazole are the drugs of first choice for urinary tract infection in children. Intravenous therapy with ampicillin and gentamicin is indicated if sepsis is suspected. For skin infections, the agents of first choice are usually a penicillinase-resistant penicillin (dicloxacillin, nafcillin) or a first generation cephalosporin (cephalexin).

Clinical efficacy among the 2nd and 3rd generation cephalosporins is similar. Cefixime (Suprax<sup>R</sup>) is more stable against beta-lactamase inactivation and is a weak inducer of beta-lactamases. A disadvantage of cefixime is its poor activity against pneumococci. Cefuroxime also has excellent activity against beta-lactamase producing organisms. However, compliance problems have been reported due to unpalatability of the oral formulation. Cefprozil (Cefzil<sup>R</sup>) was rated favorably in blinded taste comparisons and is an acceptable alternative.

Intravenous therapy with cefuroxime or ceftriaxone is recommended for severe pneumonia in children until the patient is afebrile for 72 hours. Oral therapy can then be initiated with a 2nd or 3rd generation cephalosporin, amoxicillin/clavulanate, or trimethoprim/sulfamethoxazole. Therapy should be modified based on culture results when available.

**Formulary Changes** - A cost comparisons of the cephalosporins is shown in Table 1.

**Cephalexin will remain on formulary** for the treatment of skin and skin structure infections susceptible to a first generation cephalosporin.

**Cefaclor was deleted from formulary** due to more frequent reports of serum sickness. The capsule formulation was previously deleted from formulary.

**Cefuroxime will remain on formulary** for continuation of therapy in patients who respond to the treatment with the intravenous formulation.

**Cefprozil was added to formulary** as an alternative agent in the treatment of otitis media and respiratory tract infection (ie

patients who have not responded to or have not tolerated previous therapy).

**Cefixime was added to formulary** due to improved activity against *Haemophilus influenzae* (ie patients with multiple courses of antibiotic treatment for recurrent otitis).

**Table 1. Cost Data\***

<u>Drug</u>	<u>Dosage (mg/kg/day)</u>	<u>Cost</u>
Cefaclor (Ceclor)**		
125 mg/5 ml	40	\$ 27.80
250 mg/5 ml		\$ 18.93
Cefadroxil (Duricef)**		
250 mg/5 ml	30	\$ 11.49
Cefixime (Suprax)		
125 mg/5 ml	8	\$ 19.87
Cefpodoxime (Vantin)**		
50 mg/5 ml	10	\$ 23.54
100 mg/5 ml		\$ 21.44
Cefprozil (Cefzil)		
125 mg/5 ml	30	\$ 26.54
250 mg/5 ml		\$ 24.64
Cefuroxime (Ceftin)		
125 mg/5 ml	30	\$ 28.85
Cephalexin		
250 mg/5 ml	100	\$ 9.90
Loracarbef (Lorabid)**		
100 mg/5 ml	30	\$ 34.23
200 mg/5 ml		\$ 28.59

\* Cost estimate based on LVH pharmacy cost for a 10 course of treatment for a 10 kg child. Outpatient cost may vary.

\*\* Not on LVH Formulary

## **A NEW PROTON PUMP INHIBITOR INTRODUCED...**

Lansoprazole (Prevacid<sup>®</sup>), a new proton pump inhibitor, enters the market to compete with omeprazole (Prilosec<sup>®</sup>). This agent has a similar mechanism of action, inhibiting the (H<sup>+</sup>, K<sup>+</sup>) - ATPase enzyme system of the secretory surface of the gastric parietal cells, side effect profile and pharmacokinetics compared to omeprazole. It is indicated for treatment of duodenal ulcers, erosive esophagitis and pathological hypersecretory conditions including Zollinger Ellison syndrome. Due to the preexisting formulary item (omeprazole), Lansoprazole was not added to the formulary at this time. Patients who are admitted on lansoprazole will have omeprazole automatically substituted, unless a physician's order is written for patient to "take their own supply from home." (Please see on next page). A review of the Proton-pump inhibitors will occur in the future following experience gathered from prescribers in the outpatient setting.

## **T H E R A P E U T I C SUBSTITUTIONS... THE LIST GROWS!**

In a continuing effort to maintain and strengthen our formulary and address low use, "me-too" medications, further automatic substitutions have been developed. The majority of the new list refers to Nonsteroidal Anti-inflammatory agents. Presently, LVH carries 9 different NSAID's. In addition to substituting ibuprofen for various non-formulary items, we will also be using it to substitute for 3 agents which will be removed from the formulary (diclofenac, piroxicam, tolmentin). Patients may bring in their own NSAID or non-formulary medication to continue therapy, if desired, with a written order. Please review the list for your future prescribing endeavors.

**THERAPEUTIC EQUIVALENT SUBSTITUTIONS LIST**

9/95

<b>DRUG DISPENSED</b>	<b>SUBSTITUTED FOR</b>	<b>COMMENT</b>
erythromycin ethylsuccinate (EES) 400mg QID	erythromycin base (PCE) 333mg Q8H	Order clarification will be received from pharmacy.
ferrous sulfate 324mg PO BID (130mg iron per day)	ferrous gluconate 300-325mg PO TID (114mg iron per day)	Order clarification will be received from pharmacy.
methenamine mandelate 0.5gm - 1gm QID	methenamine hippurate (Urex) 0.5gm - 1gm BID	Order clarification will be received from pharmacy.
omeprazole (Prilosec) 20mg QD 0700 20mg BID	lansoprazole (Prevacid) 15mg QD 30mg QD	Order clarification will be received from pharmacy.
ibuprofen 400mg Q6H 600mg Q6H 800mg Q6H 600mg Q6H	diclofenac sodium (Voltaren, Cataflam*) 50mg BID 50mg TID 50mg QID 75mg BID	Order clarification will be received from pharmacy.
ibuprofen 600mg Q6H 800mg Q6H	etodolac (Lodine) 200mg Q6H 400mg Q8H	Order clarification will be received from pharmacy.
ibuprofen 200mg Q4-6H 300mg-600mg TID-QID	fenoprofen (Nalfon) 200mg Q4-6H 300mg-600mg TID - QID	Order clarification will be received from pharmacy.
ibuprofen 400mg-800mg Q6-8H 600mg Q6H	flurbiprofen (Ansaid) 50-100mg BID-TID 50mg QID	Order clarification will be received from pharmacy.

DRUG DISPENSED	SUBSTITUTED FOR	COMMENT
ibuprofen 400mg Q6H 600mg Q6H 600mg Q6H	ketoprofen (Orudis) 50mg TID 75mg TID 50mg QID	Order clarification will be received from pharmacy.
ibuprofen 600mg Q6H 800mg Q6H	meclofenamate (Meclomen) 50mg Q4-6H 100mg QID	Order clarification will be received from pharmacy.
ibuprofen 800mg Q6H	mefenamic acid (Ponstel) 250mg Q6H	Order clarification will be received from pharmacy.
ibuprofen 400mg Q6H 800mg Q6H	oxaprozin (Day Pro) 600mg QD 1200mg QD	Order clarification will be received from pharmacy.
ibuprofen 400mg Q8H 600mg Q6H	piroxicam (Feldene*) 10mg QD 20mg QD	Order clarification will be received from pharmacy.
ibuprofen 600mg Q6H	ketorolac PO (Toradol) 10mg Q6H	Order clarification will be received from pharmacy.
ibuprofen 400mg Q6H 600mg Q6H	tolmentin sodium (Tolectin*) 400mg Q8H 400mg Q6H	Order clarification will be received from pharmacy.

\* Deleted from formulary 9/95

barb\autosub.pt

# LEHIGH VALLEY

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*Medical Staff Progress Notes* is published monthly to inform the Lehigh Valley Hospital Medical Staff and employees of important issues concerning the Medical Staff. Articles should be submitted to Janet M. Seifert, Physician Relations, 1243 S. Cedar Crest Boulevard, Allentown, PA 18103, by the first of each month. If you have any questions about the newsletter, please call Mrs. Seifert at 402-9853.

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