

ATA 2004

Ninth Annual Meeting and Exposition • May 2–5, 2004 • Tampa Convention Center

*The world's
largest scientific
meeting and
exposition focusing
exclusively on
telemedicine*

PRELIMINARY PROGRAM

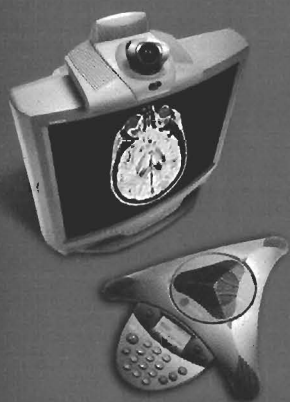
AMERICAN TELEMEDICINE ASSOCIATION

A seriously ill child lies in a hospital in **Panama**.

Pediatric oncology experts stand by at an **East Coast** cancer center.



Polycom video conferencing brought the
physician to the patient. And helped save his life.



Thanks to Medical Missions for Children through their Global Telemedicine and Teaching Network, doctors everywhere rely on the quality of Polycom video conferencing to make difficult diagnosis. And save children's lives. But telemedicine applications are just one way we're transforming the delivery and business of healthcare. Thousands of medical professionals worldwide already use Polycom healthcare solutions to collaborate and share information. With integrated video, voice, data, and Web applications, our healthcare solutions make it simple to communicate with anyone just as naturally as being there.

For more information and your **free copy** of "Better Video Solutions for Healthcare" call **1-877-POLYCOM** or visit **www.polycom.com**. Ask about the outstanding new Polycom VSX™ 7000 – video conferencing like you've never seen it. Polycom. The time for life saving video technology is now.

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American Telemedicine Association

910 17th Street, N.W., Suite 314

Washington, DC 20006

Phone: 202.223.3333

Fax: 202.223.2787

Email: info@americantelemed.org



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About ATA

The American Telemedicine Association is the leading resource and advocate promoting access to medical care for consumers and health professionals via telecommunications technology. ATA seeks to bring together diverse groups from traditional medicine, academic medical centers, technology and telecommunications companies, e-health, medical societies, government and others to overcome barriers to the advancement of telemedicine through the professional, ethical and equitable improvement in health care delivery.

ATA 2004 MEETING HIGHLIGHTS

"If you are involved with telecommunications technology solutions for healthcare, the ATA Annual Meeting is the single-most important event of the year. With 2,000 attendees, ATA is the one place to network with the world's experts in telemedicine."

ATA 2004 to Feature Medical Disaster Response Demonstration: "MEDRED"

A demonstration of civilian & military applications of telemedicine and related technologies used in disaster response designed for applicability to both natural disasters and homeland defense threats.



Plans for the development of a Medical Disaster Response Demonstration (MEDRED) are underway for the ATA 2004 Annual Meeting in Tampa Florida this May. The demonstra-

tion will take place on the exhibit hall floor and will provide those involved in developing solutions and systems for disaster response an opportunity to assess how telemedicine products and services could be strategically integrated into such a process to enhance the effectiveness of our nation's homeland security plan.

The ATA Disaster Response Demonstration will be held in cooperation with TATRC and the Red Cross as well as exhibitors, first responders, local and regional hospitals and others. Based on actual local and regional emergency operational procedures used in the Tampa area, the demonstration is designed to depict how local, regional, state and national authorities can integrate telemedicine technologies into their response to a disaster situation. ATA attendees will be able to "walk through" the disaster scenario at any time and understand how telemedicine could be integrated at various locations or stages of disaster management.

Tampa Bay – No Better Way To Do Florida

The Tampa Convention Center will serve as the hub for ATA 2004 activities. Just 15 minutes from Tampa International Airport and located downtown within walking distance of hotels, the Center is situated right on Tampa's Historic Streetcar System, conveniently connecting ATA 2004 attendees to Tampa's entertainment districts.



Telemedicine Success Stories:

Exhibitor/Customer Case Study Presentations

ATA is introducing Exhibitor/Customer Presentations as a new feature of the 2004 Annual Meeting. These sessions will show-case how vendors and their customers work together to develop telemedicine solutions that successfully meet the needs of healthcare providers. Presentations will be scheduled throughout the meeting in a classroom area on the exhibit hall floor. For a list of participants see page 10.

Comprehensive Education Sessions



Recognized throughout the world as the primary forum for the telemedicine industry, ATA's peer-reviewed presentations and posters are the "gold standard" for medical education on the topic of telemedicine and telehealth. ATA 2004 offers over 300 presentations from telemedicine professionals from around the world.

NEW Themed Session Tracks:

Three new program tracks have been added to the ATA Education Sessions. You can design your own "meeting within a meeting" or mix and match as you desire. See page 19 for information on these ATA 2004 Program Tracks:

TRACK I Managing Telemedicine Programs

TRACK II Home Telehealth

TRACK III Ocular Health

Expanded Short & Long Courses – Learn How To Do Telemedicine

ATA's educational opportunities continue to expand with a series of instructional courses to be offered on Sunday, May 2. These specially-designed training courses are being developed under the auspices of the ATA Educational Committee and will provide attendees with an academic experience in a classroom setting. Leading medical educators serve as course directors for these unique educational opportunities. See pages 16–18 for more information.

NEW Program Overview Session:

ATA will hold a brief introductory session on Sunday, May 2 at 4:15, just prior to the Opening Plenary, to welcome everyone to the meeting and provide an overview of ATA 2004 and how you can get the most out of attending the meeting.



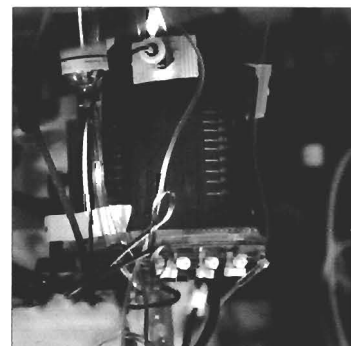
Largest Exposition of Telemedicine Products and Services in the World

ATA's 2004 Exhibit Showcase will be the largest ever with over 100,000 square feet of space occupied by companies from around the world. Expanded Exhibit Hall hours will give you more time on the floor. Visit the exhibits before the meeting on the ATA Virtual Exhibit Hall, www.americantelemed.org

Red Cross Blood Drive:

Participate in MEDRED by donating blood!

At the disaster site, attendees will learn about the scenario featuring a multi-faceted incident that threatens a wide, heavily populated area. As the visitors walk through the exhibit, the use of telemedicine will be depicted in various stages of emergency response. The Red Cross will participate through a real-time blood drive incorporated into the overall concept of the demonstration.



NEW Special Interest Group (SIG) Continental Breakfast Forums —

ATA's growing Special Interest Groups (SIGs) provide an opportunity to meet and learn from other professionals in focused areas of interest. This year, SIG forums are spread over two mornings to allow you to attend more than one. The schedule for SIG Continental Breakfast Forums are:

Monday, May 3, 7:30 am – 9:00am

- Business & Finance
- Home Telehealth
- Human Factors
- International
- Mental Telehealth

Tuesday, May 4, 7:30 am – 9:00am

- Ocular Telehealth
- Technology
- Teledermatology
- Telenursing
- Telepathology
- Telerehabilitation

ATA 2004

Sponsored by

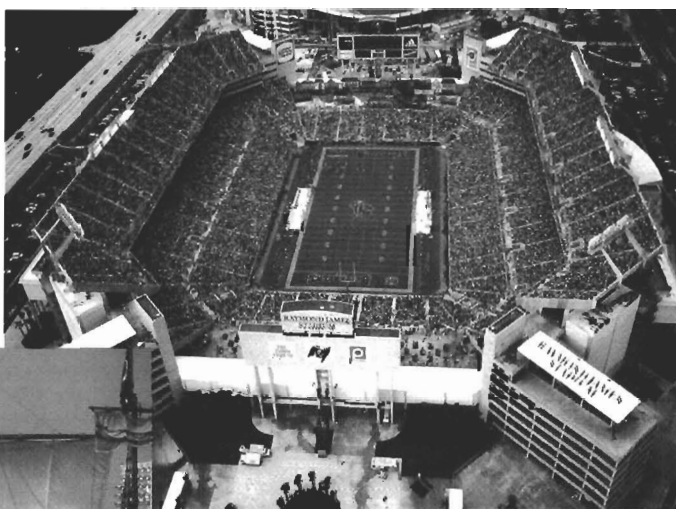
The University of South Florida College of Medicine (USF)

USF Provides Continuing Education Credits for ATA 2004 including CME, CLE, nursing contact hours, psychology, pharmacy and social and mental health continuing education credits.

In Cooperation with

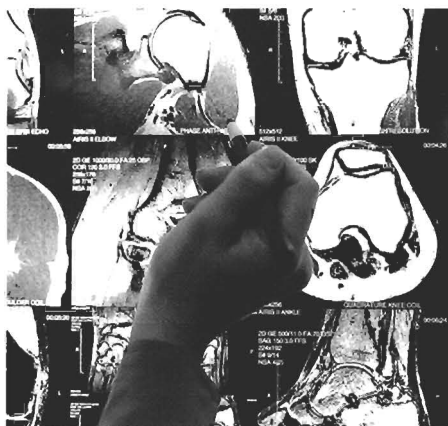
United States Army Medical Research & Materiel Command (USAMRMC)
Telemedicine & Advanced Technology Research Center (TATRC)

Don't miss the ATA Annual Networking Event this year...



ATA has reserved the "Crown Jewel" of the of the National Football League, Raymond James Stadium, home of the Tampa Bay Buccaneers, for an exclusive ATA event. We'll party on the pirate ship, in the clubhouse, and throughout the stadium. Whether you're a football fan or not, this is going to be an ATA Networking Dinner to remember!

PLENARY SESSIONS & KEYNOTE SPEAKERS



Sunday Opening Plenary

4:45 PM – 5:45 PM

Welcome: **Thelma McClosky Armstrong**
Vice President & 2004 Program Chair
Director
Eastern Montana Telemedicine Network

KEYNOTE

Thomas Byron Thames, MD
AARP Board of Directors

The Consumer Perspective

ATA's Consumer Awareness Initiative focuses on the human dimension of telemedicine. One consumer will share her experience of how telemedicine has touched her life.

Monday Plenary

10:00 am – 11:00 am

Presiding: **Ronald S. Weinstein, MD**
President
American Telemedicine Association
Director, Arizona Telemedicine Program
Arizona Health Sciences Center

KEYNOTE

Penny Jennett, PhD
President, Canadian Society of Telehealth

Healing the Hero

MG Lester Martinez-Lopez
Commanding General, USAMRMC

ITG **James B. Peake**

Surgeon General, U.S. Army Commander
U.S. Army Medical Command

Presentation of the Thurman Award

Sponsored by USAMRMC

Tuesday Plenary Session

10:00am – 11:00am

Presiding: **Ronald S. Weinstein, MD**
President
American Telemedicine Association
Director, Arizona Telemedicine Program
Arizona Health Sciences Center

Kenneth Bird Annual Distinguished Lecture

Jay H. Sanders, MD, FACP, FACAAI
President Emeritus,
American Telemedicine Association
President & CEO, The Global
Telemedicine Group

KEYNOTE

William K. Sullivan, MD
Deputy Chief Medical Officer
Centers for Medicare & Medicaid Services

Presentation of the ATA President's Award

Sponsored by AMD Telemedicine

Wednesday Annual Policy Breakfast Plenary

8:30 AM – 10:00 AM

Presiding: **Ronald S. Weinstein, MD**
President
American Telemedicine Association
Director, Arizona Telemedicine Program
Arizona Health Sciences Center

KEYNOTE

Dennis P. Williams, PhD
Deputy Administrator, Health Resources
and Services Administration
Department of Health and Human
Services

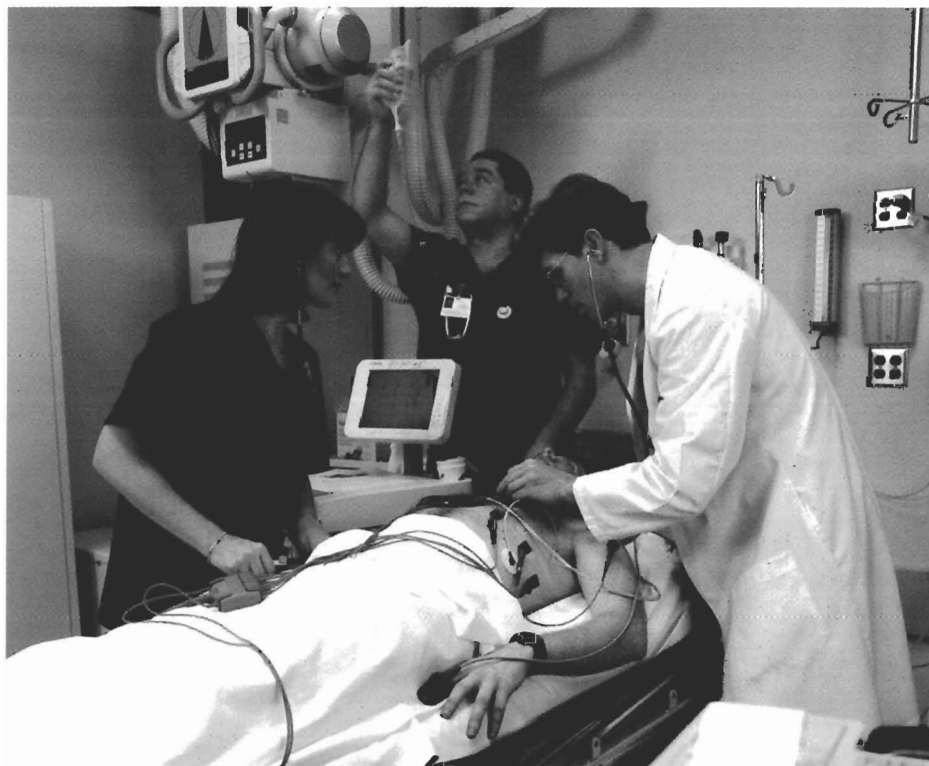
The State of the Association

Jonathan D. Linkous
Executive Director
American Telemedicine Association

ATA Special Interest Group Reports SIG Chairs

ATA: The Year Ahead

Joseph C. Kvedar, MD
President-Elect
American Telemedicine Association
Director, Partners Telemedicine
Partners Healthcare System, Inc.



PARTNERS IN TELEMEDICINE



Army Telemedicine Partnerships in 2004: Meeting Medical Challenges in a Changing World

Topic: Eastern Europe

Saturday, May 1, 8:00 AM - 5:00 PM

The U.S. Army Medical Research and Materiel Command, (USAMRMC) through its' Telemedicine and Advanced Technology Research Center (TATRC) will once again sponsor an open meeting exploring the potential applications of Army Telemedicine investments in response to disasters, emergencies and providing medical care to underserved populations. Presentations of these telemedical efforts by Army-managed telemedicine investigators will be accompanied by presentations from international experts focusing on the opportunities to leverage these telemedical technologies. Telemedicine's role as an enabler in the effort to reach out to, and deliver care to, populations in crisis and need will be discussed. Separate registration (\$75) is required. (see ATA registration form or register online at www.americatelemed.org). For more information, please contact Lori DeBernardis at 301-619-7927.

Office for the Advancement of Telehealth Grantee Meeting

Saturday, May 1, 9:00 AM – 3:30 PM

The Office for the Advancement of Telehealth (OAT) serves as a focal point for telehealth activities within the DHHS Health Resources and Services Administration. OAT promotes the adoption of advanced technologies to provide health care services and education for the underserved. During the ATA Annual Meeting, current and former grantees of the OAT's Rural Telemedicine Grant Program will gather to discuss the program and other issues related to telehealth. This meeting is intended for current and former OAT grantees only. For additional information, please contact Luigi S. Procopio, II at the Office for the Advancement of Telehealth 301-443-0262.

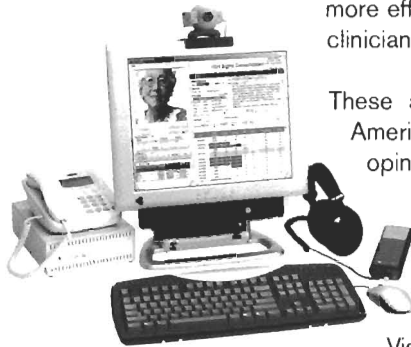
Shriners Hospital for Children

Saturday, May 1, 2:00 PM – 5:00 PM

The Telemedicine Governance Council of the Shriners Hospital for Children will hold a round table discussion for members of the Council and other Shriner Hospital personnel. Current topics related to implementation, standardization and outcomes will be discussed. For more information contact Mark Niederpreum, 413-787-2010.



Convenience and independence for patients and their families. Earlier intervention for physicians. Improved quality of care from more efficient and productive visits for clinicians like Kathy.



These are just a few of the ways American TeleCare is at work developing practical, easy to implement health care solutions for our clients that can deliver positive outcomes for everyone.

Hear what Kathy has to say.

Visit www.americantelecare.com

or call 1-800-323-6667 to get started on a free ROI analysis for your organization's telehealth program. We can show you real numbers, because we've seen real results.

Telehealth works. Meet Kathy.

(She's part of a telehealth success story.)

"We're able to see patients on a more frequent basis. We can intervene the same day and make a difference."

Kathy Thompson
RN Manager
New Ulm Medical Center
Home Health
Allina Health System

ati AmericanTeleCare®
Practical solutions. Positive outcomes.™



ATA 2004 EXHIBIT SHOWCASE



NEW THIS YEAR!!

Telemedicine Success Stories: Exhibitor/Customer Case Study Presentations

These sessions will showcase how vendors and their customers work together to develop telemedicine solutions that successfully meet the needs of healthcare providers. Presentations will be scheduled throughout the meeting in a classroom area on the exhibit hall floor.

Participating Exhibitors & Customers

Health Hero Network &
Veterans Administration

Apollo Telemedicine, Inc. &
VISN 12: The Great Lakes
Healthcare System

American TeleCare, Inc. &
Centura at Home

Viterion TeleHealthcare, LLC &
Concordia Visiting Nurses

MedWeb &
Government of Antigua

Canon USA &
Kaiser Permanente

Polycom &
University Hospitals Health System

ViTel Net, Inc. &
Home Nursing Agency

HealthCare Vision, Inc. &
Tarrant County Hospital District

Tandberg &
Florida Dept. of Health

Stryker &
Children's Hospital of Los Angeles

ATA Exhibitor Advisory Committee

Diane Evenson, Eastman Kodak Company
(Committee Chair)

Josh Abrams, AMD Telemedicine, Inc.

Kristine Gardner, Health Hero Network, Inc.

Mark Newburger, Apollo Telemedicine, Inc.

For Exhibit Information contact:

Michelle Orsinger
ATA Exhibits Manager
910 17th Street, NW, Suite 314
Washington, DC 20006
Phone: 202-223-4249
Fax: 202-223-2787
Email: morsinger@americantelemed.org

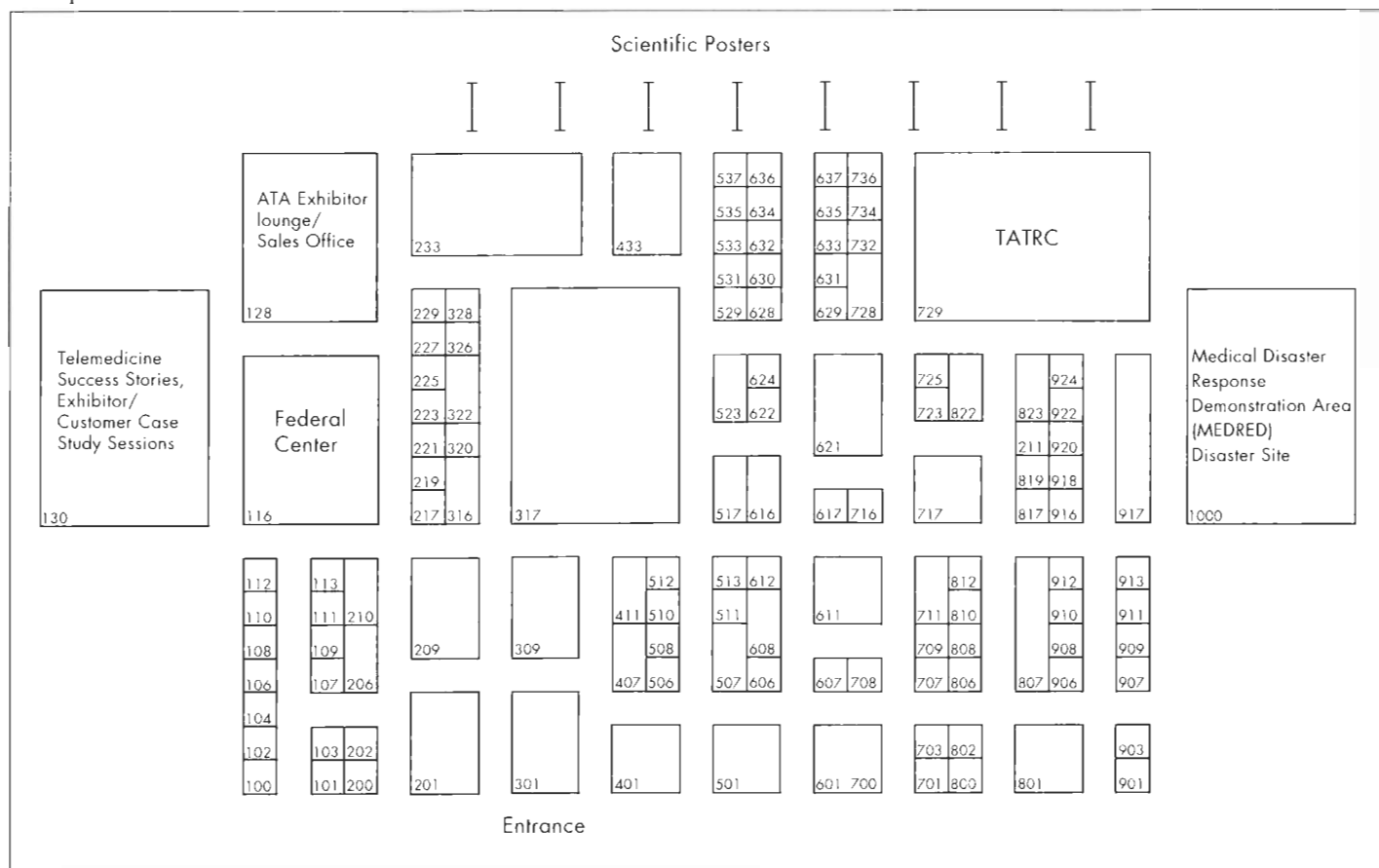
Company Name Assigned Booth

A & D Medical / LifeSource	531
Aerotel Medical Systems (1998) Ltd.	523
AGFA Healthcare	316
AMD Homecare	401
AMD Telemedicine	301
American Medical Informatics Association	810
American TeleCare, Inc.	209
American Telemedicine Association	128
Anteon Corporation	629
Apollo Telemedicine, Inc.	411
Appalachian Regional Commission ...	116A
AudioCARE Systems	202
Biophotonics International	217
Canon USA	725
Computerized Screening, Inc.	817
Cybernet Systems Corporation	707
DEKA/Many Waters Resource Network.	911
DMetrix, Inc.	200
DREAMS (Disaster Relief & Emergency Medical Services)	233
Eastman Kodak Company	407
E-Captionist, Inc.	607
Emergency Medicine Learning and Resource Center	223
Fuji Film Medical Systems USA, Inc. ...	728
GCS, Inc.	512
GWR Medical, Inc.	326
HeadMinder, Inc.	821
Health Hero Network, Inc.	807
Health Monitoring Services of America.	103
HealthCare Vision, Inc. & HealthCare Computer Corp.	501
HealthFrontier, Inc.	701
HomMed	703
International Mobile Health Association	918
IBM	206
JEDMED	510
Legalook Corp.	622
LifeLink Monitoring, Inc.	802
LLE Language Services	328

March Networks	716
Mary Ann Liebert, Inc.	225
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MINXRAY, Inc.	924
Mobile Medical	917
Motion Media Technology Inc.	708
Nidek, Inc.	800
Clinical Business Solutions.	617
On Sight Communications	612
Overhead Camera Systems, Inc.	709
Pacific Telehealth And Technology Hui.	517
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Polycom	309
Quiescence, LLC	529
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Rural Health Care Division, Universal Service Administrative Company ...	116B
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Telepharmacy Solutions	101

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Topcon Medical Systems.	608
Trestle Corporation.	601
University of Pittsburgh Medical Center.	433
US Army Medical Research Acquisition Activity.	628
US Army Medical Research and Materiel Command.	630
US Commercial Service, US Department of Commerce.	116E
US Department of Agriculture, Rural Utilities Service, Distance Learning & Telemedicine Branch	116D
US Department of Commerce.	116C
US Federal Resource Center on Telemedicine	116
Vecna Technologies, Inc.	624
Veterans Affairs Telemedicine Healthcare	801
Vitel Net, Inc.	317
Viterion TeleHealthcare LLC	717
WebVMC, LLC	823
Wellness Monitoring, Inc.	806



SCHEDULE AT A GLANCE



ATA Annual Meeting Program Chair

Thelma McClosky Armstrong
Director, Eastern Montana
Telemedicine Network

Please Note:

- MEDRED Demo open during Exhibit Hall hours
- Telemedicine Success Stories: Exhibitor/Customer Case Study Presentations are scheduled for Monday & Tuesday. See page 10 for participant list.

Saturday	Sunday	
<p>8:00 am – 5:00 pm Partner Meetings</p> <ul style="list-style-type: none"> • Office for the Advancement of Telehealth • TATRC • Shriners Hospital for Children – Telemedicine Governance Council 	<p>8:00 am – 4:00 pm Long Courses</p>	<p>Morning Short Courses 8:00 am – 11:30 am</p>
<p>10:30 am – 2:30 pm <i>ATA Board Meeting</i></p>		
<p>2:30 pm – 4:30 pm <i>ATA Committee Meetings</i></p>		<p>Afternoon Short Courses 12:30 pm – 4:00 pm</p>
	<p><i>ATA Member Welcome & Meeting Overview</i> 4:15 pm – 4:45 pm</p>	
	<p>Opening Plenary 4:45 pm – 5:45 pm</p>	
	<p><i>Opening Reception in Exhibit Hall</i> 5:45 pm – 7:45 pm</p>	

Monday

Special Interest Breakfast Forums
7:30 am – 9:00 am

Exhibit Hall Coffee
9:00 am – 10:00 am

Plenary Session
10:00 am – 11:00 am

Concurrent Sessions
11:15 am – 12:15 pm

Lunch in Exhibit Hall
12:15 pm – 1:30 pm

Concurrent Sessions
1:30 pm – 2:30 pm

Concurrent Sessions
2:45 pm – 3:15 pm

Concurrent Sessions
3:30 pm – 4:00 pm

Poster Presentations in Exhibit Hall
4:00 pm – 6:00 pm

Tuesday

Special Interest Breakfast Forums
7:30am – 9:00 am

Exhibit Hall Coffee
9:00 am – 10:00 am

Kenneth Byrd Annual Lecture
10:00 am – 11:00 am

Concurrent Sessions
11:15 am – 12:15 pm

Lunch in Exhibit Hall
12:15 pm – 1:30pm

Concurrent Sessions
1:30 pm – 2:30 pm

Exhibit Hall Coffee/2:30pm-3:00pm

Concurrent Sessions
3:00 pm – 4:00 pm

Concurrent Sessions
4:15pm – 5:15 pm

Networking Dinner
Raymond James Stadium
6:30 pm – 10 pm

Wednesday

ATA
Annual Policy Breakfast Plenary
8:30am – 10:am

Concurrent Sessions
10:15am – 11:15am

Concurrent Sessions
11:30am – 12:30pm

Meeting Adjourns
12:30 pm



ATA 2004 SCHEDULE DETAILS



Saturday, May 1

7:00 AM–5:30 PM Registration
8:00 AM–5:00 PM Exhibit Hall Set-Up

Partners in Telemedicine Meetings

8:00 AM–5:00 PM 4th Annual Army Telemedicine Partnerships: "Meeting Medical Challenges in A Changing World."
9:00 AM–3:30 PM Office for the Advancement of Telehealth Grantee Meeting
2:00 PM–5:00 PM Shriners Hospital for Children – Telemedicine Governance Council
10:30 AM–2:30 PM ATA Board of Directors Meeting
2:30 PM–4:30 PM ATA Committee Meetings



Sunday, May 2

7:00 AM–6:00 PM Registration
7:30 AM–8:30 AM *Telemedicine Journal and e-Health* Editorial Board Breakfast
8:00 AM–1:00 PM Exhibit Hall Set-Up
8:00 AM–4:00 PM Long Courses:

- Telemedicine and Telehealth Applications
- Building Successful Telemedicine Programs
- Corrections Telemedicine

8:00 AM–11:30 AM Morning Short Courses

- Ocular Telehealth
- Introduction to Telemedicine Communications Networks
- Telenursing 101

12:30 PM–4:00 PM Afternoon Short Courses

- Home Telehealth: Expanding Care Beyond Hospital Walls
- Practical Tele dermatology
- Telemedicine and E-Health Law—What You Need To Know in a Nut Shell!

4:15 PM–4:45 PM

ATA MEMBER WELCOME & MEETING OVERVIEW

4:45 PM–5:45 PM

OPENING PLENARY (see page 7)

5:45 PM–7:45 PM

OPENING RECEPTION - EXHIBIT SHOWCASE



Monday, May 3

7:00 AM–6:00 PM Registration
7:00 AM–9:00 AM Poster Presentation Set-up in Exhibit Hall
7:30 AM–9:00 AM SIG Continental Breakfast Forums
8:00 AM–9:00 AM Exhibitor Breakfast
Sponsored by the Exhibitor Advisory Committee (EAC)
9:00 AM–6:00 PM Exhibit Hall & Posters Open
9:00 AM–10:00 AM Coffee Break in Exhibit Hall
10:00 AM–11:00 AM **PLENARY SESSION** (see page 7)
11:15 AM–12:15 PM Concurrent Sessions
12:15 PM–1:15 PM ATA's Pacific Islands Chapter Meeting
12:15 PM–1:30 PM Exhibit Hall Luncheon
1:30 PM–3:00 PM ATA's Industry Council Meeting (Circle Members Only)
1:30 PM–2:30 PM Concurrent Sessions



2:45 PM–3:15 PM Concurrent Sessions
 3:30 PM–4:00 PM Concurrent Sessions
 4:00 PM–6:00 PM Poster Presentations in Exhibit Hall

Tuesday, May 4

7:00 AM–6:00 PM Registration
 7:30 AM–9:00 AM MEDRED Continental Breakfast Briefing
 7:30 AM–9:00 AM SIG Continental Breakfast Forums
 9:00 AM–3:00 PM Exhibit Hall & Posters Open
 9:00 AM–10:00 AM Coffee Break in Exhibit Hall
 10:00 AM–11:00 AM **PLENARY SESSION** (see page 7)
 11:15 AM–12:15 PM Concurrent Sessions
 12:15 PM–1:30 PM Exhibit Hall Luncheon
 12:15 PM–1:15 PM ATA's Latin American & Caribbean Chapter Meeting
 1:30 PM–2:30 PM Concurrent Sessions
 2:30 PM–3:00 PM Coffee Break in Exhibit Hall
 3:00 PM Exhibit Hall Closes
 3:00 PM–4:00 PM Concurrent Sessions
 4:15 PM–5:15 PM Concurrent Sessions
 6:30 PM–10:00 PM **ATA 2004 ANNUAL NETWORKING DINNER AT RAYMOND JAMES STADIUM**

Wednesday, May 5

7:30 AM–12:30 PM Registration
 8:30 AM–10:00 AM **ANNUAL POLICY BREAKFAST PLENARY** (see page 7)
 10:15 AM–11:15 AM Concurrent Sessions
 11:30 AM–12:30 PM Concurrent Sessions
 12:30 PM Meeting Adjourns

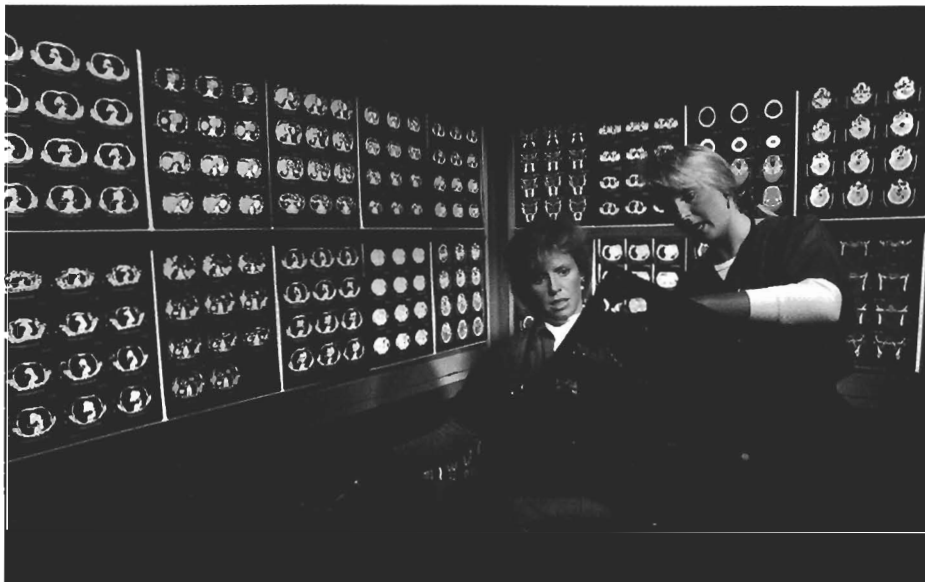
Check the ATA website,
www.americantelemed.org
 for program updates



Institutional Member List

Alaska Federal Healthcare Access Network
 All Childrens Health System
 Arizona Telemedicine Program
 Avera McKennan Hospital and University
 Driscoll Children's Hospital
 Institute of Rural Health
 INTEGRIS Rural Telemedicine
 Joslin Diabetes Center
 Maine Telemedicine Services
 Mountain States Health Alliance
 Nantucket Cottage Hospital
 National Naval Medical Center
 National Rehabilitation Hospital
 National Institute of Standards & Technology
 Pacific TeleHealth & Technology, HUI
 Partners HealthCare Systems
 Phoenix Area Indian Health Service
 Programa Universitario de Salud UANL
 San Carlos Healthcare System
 Shriners Hospitals for Children
 Southern Illinois University School of Medicine
 St. Mary's Good Samaritan Hospital
 St. Vincent Health
 Sutter Medical Center, Sacramento
 University of Kansas Medical Center
 University of Michigan Health System
 University of Missouri Health Care
 University of Tennessee Health Science Center
 University of Texas Medical Branch
 University of Vermont, Fletcher Allen Health Care
 US Army Tropic Regions Test Center
 US Army Medical Research and Materiel Command (USAMRMC), The Telemedicine and Advanced Technology Research Center (TATRC)
 Wyoming Department of Health

ATA 2004 LONG COURSES



LONG COURSES:

8:00 am – 4:00 pm, Sunday, May 2, 2004

\$200 Separate Registration Required

Lunch is included.

Register on-line at www.americantelemed.org

Building Successful Telemedicine Programs

Course Directors:

Ronald S. Weinstein, MD

Director, Arizona Telemedicine Program
Arizona Health Sciences Center
Tucson, AZ

Pamela Whitten, PhD

Associate Professor
Dept. of Telecommunications
Michigan State University
East Lansing, MI

The primary objective of this course is to provide an up-to-date guide to the elements of success in telemedicine programs. The participants should gain a better understanding of the key factors in the sustainability of telemedicine. Leaders in the field will share the strategies they employed to get new programs off the ground and keep them running. Examples of successful programs will be highlighted in the context of lessons learned.

Major topics for presentation include: organizational models in telemedicine; developing and implementing telehealth business plans; assembling telemedicine staff; building networks; assessing the standards of health-

care attainable through telemedicine; and strategies for marketing. The course will include in-depth discussions of several proven and emerging telemedicine applications. Experts will share personal experiences in overcoming traditional obstacles to success, such as restrictions on reimbursement, as well as legal, regulatory, and licensing issues. As a result, participants should become more knowledgeable with respect to creating and sustaining a well-designed telemedicine program. The target audience includes administrators, business officers, healthcare professionals, case managers, information technology specialists, and strategic planners.



Telemedicine and Telehealth Applications

Course Directors:

Joseph C. Kvedar, MD

Director, Partners Telemedicine
Partners Healthcare System, Inc.
Boston, MA

David Ellis, MD

Asst. Professor, Clinical Emergency Medicine,
University at Buffalo School of Medicine/
Biomedical Sciences
Director, Telemedicine Services, University
of Buffalo, Erie County Medical Center,
Department of Emergency Medicine
Buffalo, NY

The objective of this course is to provide an overview of the use of telemedicine in a variety of clinical practices. Throughout the day, clinical specialists will make presentations regarding how telemedicine is used and some of the unique aspects of that particular application. Topics to be covered include teleradiology, teledermatology, home telehealth and emergency medicine among others.

Participants will receive introductory briefings on each application that is highlighted and will gain an understanding of the wide variety of approaches used in providing distance health care, depending on the demands of the specific practice.

Corrections Telemedicine

Course Director

Oscar Boultinghouse, MD

Director of Telemedicine
University of Texas Medical Branch
Galveston, TX

Providing remote health care to prison populations is one of the fastest growing segments of telemedicine. Eliminating the cost of transporting prisoners, improving patient care and increased community safety are but a few of the benefits offered by correctional telemedicine. This course is organized by national leaders in corrections telemedicine and includes lectures by experts from many leading institutions in the field.

Participants will better understand the types of clinical applications that are commonly used in corrections telemedicine, the unique approaches used in delivering such patient care, the history and current state of corrections telemedicine and some of the financial and cost aspects of such care.

ATA 2004 SHORT COURSES

MORNING SHORT COURSES:

8:00 am – 11:30 am, Sunday, May 2, 2004

\$100 Separate Registration Required

Does not include lunch.

Register on-line at www.americantelemed.org

Ocular Telehealth

This course will cover the basic principles of providing ocular health using telecommunications technology. Included will be discussions of the new Standards and Guidelines in Telehealth for Diabetic Retinopathy and computer assisted fundus image analysis.

Faculty:

Jerry Cavallerano, OD, PhD

Joslin Diabetes Center, Beetham Eye Institute
Boston, MA

Mary Lawrence, MD, MPH

University of Minnesota
Minneapolis, MN

Introduction to Telemedicine Communications Networks

The purpose of this course will be to introduce the variety of network technology that can be used to implement a telemedicine program. The course will describe a number of real life telemedicine scenarios, including satellite, GPRS, ADSL, WiFi, and the choice of network technology. The characteristics and limitations of each network will be discussed.

Faculty:

Malcolm Clarke, PhD

Senior Lecturer

Data Communications and Telemedicine

Brunel University

Dept. of Information Systems & Computing

Uxbridge

United Kingdom

Telenursing 101

As telecommunication technology continues to flourish, the practice of nursing will expand to include these valuable tools. This course will provide an overview of Telenursing, and identify strategies to successfully integrate the role and practice of nursing into operations. This short course will examine the emerging role of nurses, legal implications and regulatory requirements, policy and reimbursement issues, competency validation, standards and guidelines and their impact on the practice of nursing. This course will also address strategic

approaches to the state of the practice as it relates to delivery of nursing care at all levels and funding opportunities for implementation of telenursing programs.

Faculty:

Loretta Schlachta-Fairchild, RN, PhD, CHE

President & CEO

iTelehealth Inc.

Frederick, MD

AFTERNOON SHORT COURSES:

12:30 PM – 4:00 PM, Sunday, May 2, 2004

\$100 Separate Registration Required

Does not include lunch.

Register on-line at www.americantelemed.org

Practical Teledermatology

The objective of this short course is to provide a practical "how to" for teledermatology for an individual or organization that is interested in starting a teledermatology program. A significant portion of the course will offer a practical approach to teledermatology to include how to determine if teledermatology is appropriate for your organization, how to create or modify a business process for teledermatology, and how to implement teledermatology. This course will include presentations on lessons learned from some of leading experts in active teledermatology programs. There will also be updates (e.g. JCAHO and review of literature) on teledermatology in the United States.

Faculty:

Hon Pak, MD

Brooke Army Medical Center
San Antonio, TX

Erin Warshaw, MD

Veterans Administration
Minneapolis, MN

Home Telehealth: Expanding Care Beyond Hospital Walls

This course will provide information to those who are just beginning to learn about telehealth technology and how it fits in the delivery system of Homecare, as well as for those who have a program underway and are looking for additional information to enhance their programs. Panelists will discuss 3 key areas: sustainability, practical applications and training.

Faculty:

Pat Ryan RN

Acting Associate Chief Consultant
VHA Office of Care Coordination

Lorraine Pellegrino RN

Regional Nurse Liaison & Manager
UC Davis Health System
Sacramento, CA

Krisan Palmer

Telehealth Coordinator
Atlantic Health Sciences Corporation
St. John, NB
Canada

(Continued on next page)





Telemedicine and E-Health Law – What You Need to Know in a Nutshell!”

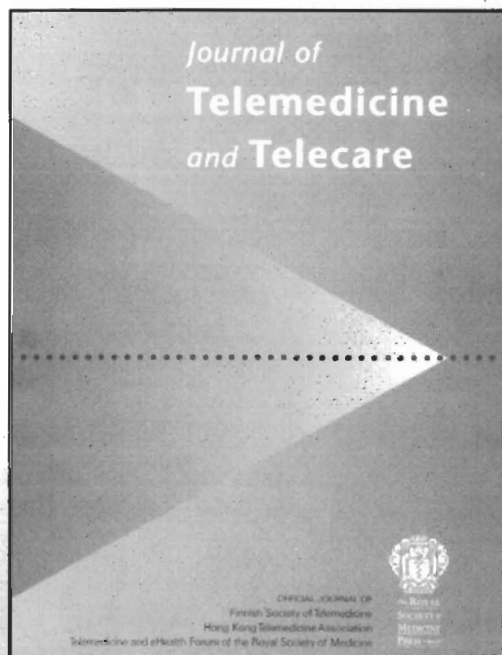
During the last five years there have been substantial changes in the environment surrounding e-health and telemedicine. This short course is designed to update those who are familiar with legal issues in telemedicine as well as provide a comprehensive overview for those who are new to the field. Both experienced and new telehealth providers must be savvy to the myriad of evolving rules for telemedicine ventures. This course will cover important legal topics such as: recent federal and state laws governing telehealth transactions; federal fraud and abuse enforcement efforts targeted toward telemedicine

reimbursement; the latest payment rules from Medicare; State and Federal requirements for on-line prescribing; licensure and credentialing issues; HIPAA and other privacy requirements; marketing e-health and telemedicine ventures; and contracts between providers and vendors. This course will also give an overview of criminal and civil enforcement actions targeted at e-health ventures that have been increasing over the past two years.

Faculty:

Robert J. Waters, Esq.
Partner
Arent Fox Kinter Plotkin & Kahn
Counsel
Center for Telemedicine Law
Washington, DC

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Tampa @ booth 511
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GUIDE TO PRESENTATIONS AND PROGRAM TRACKS



With 60 panels, over 200 oral presentations and 100 posters, this year's meeting covers a wide variety of topics. An online Guide to Presentations will be available on the ATA web site www.americantelemed.org enabling you to identify individual presentations in over 30 different topics including:

Assessment of Diagnostic Accuracy	Military
Business Planning	Nursing
Cardiology/Cardiovascular	Ocular
Correctional Care	Oncology
Dermatology	Operations & Management
Diabetes/Nephrology	Pathology
Distance Learning	Pediatrics
Ehealth	Pharmaceutical
Emergency & Trauma Care	Radiology/Imaging
Evaluation & Research	Rehabilitation
Financial	Rural
Homecare/Remote Monitoring	School-based
Homeland Security/Disaster/Emergency	Statewide/Regional
Human Factors	Surgery
Indian Health	Technology
International	Telecommunications/Networks
Legal, Policy & Regulatory	Veterans
Mental Health	Wireless

In addition, three program tracks are highlighted this year: Managing Telemedicine Programs, Home Telehealth and Ocular Telehealth. Throughout the meeting, certain concurrent panel sessions will be identified as falling within one of the three tracks. The tracks and their panels include:

Track I: Managing Telemedicine Programs

Sunday

Long Course: Building Successful Telemedicine Programs

Monday

Panel: Business Planning for Telemedicine
 Panel: Legal Issues in Telemedicine
 Panel: Clinical Presentations Over Telemedicine: Training Telepresenters
 Panel: Federal Reimbursement Updates

Tuesday

Panel: Federal Grant and Support Programs
 Panel: Human Factors in Implementing Telemedicine Programs, Part 2
 Panel: Operational Planning
 Panel: Understanding How to Effectively Deploy Health Communication Technologies: An Interactive Case Study Approach

Wednesday

Panel: Operations
 Panel: Evaluating and Costing Telemedicine 2

Track II: Home Telehealth

Sunday

Short Course: Home Telehealth

Monday

Panel: Telehomecare: Diabetes and Chronic Care
 Panel: Telehomecare: Cardiac and Pulmonary Care
 Panel: Federal Reimbursement Updates

Tuesday

Panel: Federal Grant and Support Programs
 Panel: Telehomecare: Administrative and Program Management
 Panel: Telehomecare: Merging Technology and Clinical Care

Wednesday

Panel: Telehomecare: Clinical Applications

Track III: Ocular Telemedicine

Sunday

Short Course: Ocular Telehealth

Monday

Panel: Ocular Telehealth: Around the World
 Panel: Case Study: Joslin Vision Network Ocular Telehealth Programs in a Clinical Setting
 Panel: Standards for Telemedicine
 Panel: Federal Reimbursement Updates

Tuesday

Panel: Ocular Telehealth: Using Technology for Remote Ocular Healthcare
 Panel: Ocular Telehealth: Reaching the Consumer
 Panel: Ocular Telehealth: Remote Assessments of Diabetic Retinopathy

Wednesday

Panel: Ocular Telehealth: Evaluations of Unique Applications

CONCURRENT SESSIONS

Monday, May 3, 2004

11:15 AM - 12:15 PM

Human and Organizational Dynamics in e-Health: A Global Perspective Part I

Organizational Effectiveness of a Telerehabilitation System in Oklahoma

Pamela Fordeucey, PhD

INTEGRIS Jim Thorpe Rehabilitation Center
Oklahoma City, OK

Remote Decision Maker Uncertainty During Emergency Medical Care

Colin Mackenzie, MD

University of Maryland School of Medicine
Baltimore, MD

Telemedicine/Telehealth: "What Is In It for Me?"

Deborah Scale

Telehealth Networks and Programs, SIU School of Medicine
Springfield, IL

Transactional Presence in Primary Care Telemedicine Encounters

Robert Bulik, PhD

University of Texas Medical Branch
Galveston, TX

Track I: Managing Telemedicine Programs

Business Planning for Telemedicine

Lessons Learned: A Healthcare Organization/ Telecommunications Company Partnership in Telehealth

Mary Myers, RN, MBA

Borgess Medical Center
Kalamazoo, MI

Sustaining a Successful Rural Telemedicine Program

Patricia Sand, MD, MPH

Shasta Community Health Center
Redding, CA

Factors Leading to the Remarkable Success of Telemedicine in Northern Ontario

Ron Riesnbach, BScEE, MScEE, MBA, Peng

NORTH Network
Toronto, Canada

Considerations in Deploying Teledermatology

Patient and Clinician Satisfaction with a Teledermatology Consult System

John Whited, MD, MHS

Health Services Research and Development Service
Durham, NC

Teledermatology in Residency: Our Vision

Hon Pak, MD

Department of Defense
Fort Sam Houston, TX

Willingness-to-pay for in-person Versus Telemedicine Visits for Patients with Psoriasis and Melanoma

Abrar Qureshi, MD, MPH

Massachusetts General Hospital
Boston, MA

ATA Teledermatology SIG Survey

Anne Burdick, MD, MPH

University of Miami
Miami, FL

1:30 PM - 2:30 PM

Human Factors in Implementing Telemedicine Programs, Part I

Learning and Culture in the Management of Clinical e-Health Systems

Robert Doktor, PhD

University of Hawaii
Honolulu, HI

Diffusion Theory and Telemedicine Adoption by Rural Kansas Providers: Predictors and Implications for Practice

Ryan Spaulding, PhD (c)

Kansas University Center for Telemedicine and Telehealth
Kansas City, KS

Primary Care Telemedicine Encounters

Robert Bulik, PhD

University of Texas Medical Branch
Galveston, TX

A Pilot Study on the Perception of Health Care Professionals Towards Telemedicine in Health Care Services in India

Siruvanoor Ragu Kumar, MSc, MPhil, ADIM

All India Institute of Medical Sciences
New Delhi, India

Track III: Ocular Telehealth

Case Study: Joslin Vision Network Ocular Telehealth Programs in a Clinical Setting

Overview

Lloyd Aiello, MD

Joslin Diabetes Center
Boston, MA

Evidence Based Telehealth for Diabetic Retinopathy

Lloyd Aiello, MD

Joslin Diabetes Center
Boston, MA

Joslin Vision Network Programs in Adult Diabetes

Clinic at Joslin Diabetes Center Evidence-Based Telehealth for Diabetic Retinopathy

Jerry Cavallerano, OD, PhD

Joslin Diabetes Center
Boston, MA

Joslin Vision Network Programs in a Diabetes Outpatient Intensive Treatment Program

Jerry Cavallerano, OD, PhD

Joslin Diabetes Center
Boston, MA

Track II: Home Telehealth

Telehomecare: Cardiac and Pulmonary Care

Triage of Lung Transplant Recipients Based on Tele-home Monitoring Reports

Stanley Finkelstein, PhD

University of Minnesota
Minneapolis, MN

E-Home Health for COPD Patients and their Caregivers

Linda Moody, PhD

University of South Florida
Tampa, FL

Benefits of Using Home Tele-Medicine to Manage Congestive Heart Failure

Nina Schneider, BSN, RN

PinnacleHealth Home Care
Harrisburg, PA

Use of Self-Testing by Anticoagulation Patients Followed in a Military "Coumadin® Clinic"

Jennifer Calagan, PhD, MD

Walter Reed Army Medical Center
Washington, DC

Track II: Home Telehealth

Telehomecare: Diabetes and Chronic Care

Effect of Telemedical Management of Diabetes in the Medicare Population

Justin Starren, MD, PhD
Columbia University
New York, NY

Longitudinal Outcomes of a Diabetes Self-management Program via Telehealth

Susan Dimmick, PhD
University of Tennessee Graduate School of Medicine,
Knoxville
Knoxville, TN

Monitoring Chronic Disease in the Home: Clinical and Financial Observations

Robert Cox, MD
Hays Medical Center
Hays, KS

Patient Centered Outcomes of Diabetes Care: Technology and Care Coordination

Patricia Ryan, RN, MS
VA VISN 8's Community Care Coordination Service
Bay Pines, FL

Track III: Ocular Telehealth

Ocular Telehealth: Around the World

Teleophthalmology: A Western Australian Experience

Sajeesh Kumar, PhD(c)
Centre for E-Health, Lions Eye Institute, University of
Western Australia
Perth, Australia

Telemedicine: The Instituto Zaldivar Experience

Giselle Ricur, MD
Instituto Zaldivar
Mendoza, Argentina

Teleophthalmology as a Tool for Cataract Campaigns in Brazil

Alexandre Taleb, MD
Federal University of Goias
Goiania, Brazil

Full Time Teleophthalmology Service In Brazil

Alexandre Taleb, MD
Federal University of Goias
Goiania, Brazil

Telecardiology: Clinical Applications

Two Advanced Case Studies of IT deployment: Indiana Heart Hospital and Kameda Hospital, Chiba, Japan

Stephen Zurcher, MBA
Waseda University
Tokyo, Japan

Providing Heart Smart Care Through Technology and Care Coordination

Neale Chumbler, PhD
VA HSR&D/RR&D Rehabilitation Outcomes
Research Center
Gainesville, FL

A Disease Management Program Empowered by Telemedicine Technology: Reducing Costs and Improving Care for Patients With Heart Failure Technology

Julie Cherry, RN, MSN
Health Hero Network, Inc.
Mountain View, CA

Mobile Telemedicine for Cardiovascular Emergency - Impact of Standard Technologies-

Kazuhiro Sase, MD, PhD
National Cardiovascular Center Hospital
Suita, Japan

Track I: Managing Telemedicine Programs

Legal Issues in Telemedicine

Remote Diagnosis and Treatment -- Legal and Regulatory Update

Robert Waters, JD, MPA
Arent Fox
Washington, DC

HIPAA Compliance for Remote/Mobile Healthcare

Peter Haigh, MA (Cantab), FHIMSS
Verizon
Pittsburgh, PA

Practicing Safe Telemedicine: A Primer On Staying Legally Healthy

Alan Goldberg, JD, LL.M.
Goulston & Storrs
Washington, DC

Patents and Other Intellectual Property: Determining Their Value and Impact on Telemedicine

Craig Opperman, JD
Health Hero Network Inc.
Mountain View, CA

Remote Ultrasound and Imaging

Acquisition and Evaluation of Radiography Images by Digital Camera

Stephen Conc, MD
Medical Informatics and Technology Application Consortium, Virginia Commonwealth University
Richmond, VA

Field Deployable Ultrasound Imaging System

Peder Pedersen, PhD
Worcester Polytechnic Institute
Worcester, MA

A Force Feedback Remote Ultrasound Service

Pierre Thorel, PhD
France Télécom R&D
Meylan, France

Tele-Ultrasound: Enhanced Data Sharing of Motion and Still Images

Masanobu Mitani, MD
Sapporo Medical University
Sapporo, Japan

Technology and Telecommunications in Support of Remote Healthcare Delivery Part 1

Many to One to Many (MOM) Telemedicine Architecture and Applications

Peter Hu, MS, CNE
National Study Center for Trauma and Emergency Medical System, University of Maryland School of Medicine
Baltimore, MD

Accuracy of Remote Assessment and Teaching: Low Bandwidth vs. High Bandwidth

Jill Winters, PhD, RN
Marquette University
Milwaukee, WI

International Multipoint Inter/Intranet Telemedicine Through Firewall - H.320, H.323, Streaming Media

Thomas Key, CCNA, BS
St. Jude Children's Research Hospital
Memphis, TN

Wireless Technology Applications in a Rural Hospital

Geoffrey Public
Saint Francis University's Center of Excellence for Remote and Medically Under-Served Areas
Loretto, PA

Monday, May 3, 2004

2:45 PM - 3:15 PM

Emergency Medicine

Towards the Integration of Telemedicine in Emergency Medical Services

Maria Cabrera, PhD
Technical University of Madrid
Madrid, Spain

NOAH - A Mobile Emergency Care System
Michael Nerlich, PhD, MD
Regensburg University Hospital
Regensburg, Germany

Track I: Managing Telemedicine Programs

**Clinical Presentations Over Telemedicine:
Training Telepresenters**

Invited Presentation: To be announced

Invited Presentation: To be announced

Track III: Ocular Telehealth

Standards for Telemedicine

ATA's Standards Initiative for Diabetic Retinopathy
Richard S. Bakalar, MD

Chair, ATA Standards & Guidelines Committee
Washington, DC

Standardization in Telemedicine: National Initiative in India

Baljit Bedi
Ministry of Communication & IT, Government of India
New Delhi, India

3:30 PM - 4:00 PM

Human and Organizational Dynamics in e-Health: A Global Perspective Part 2

Designing a Telemedicine System in Tanzania - A Sociotechnical Systems Approach

James Katzenstein, PhD
California State University, Dominguez Hills
Carson, CA

Human Factors: An Overview of Tools and Techniques Relevant to Telemedicine

Timothy Nichols, MS
Georgia Institute of Technology
Atlanta, GA

Track I: Managing Telemedicine Programs

Track II: Home Telehealth

Track III: Ocular Telehealth

Federal Reimbursement Updates

Reimbursement for Telehealth Services -- 2003-2004 Update

Robert Waters, JD, MPA
Arent Fox
Washington, DC

Federal Reimbursement Developments and Prospects
Jonathan D. Linkous

American Telemedicine Association
Washington, DC

Analyzing The Use of Store and Forward

Micro-costing Analysis of Store and Forward Versus Live Interactive Teledermatology: A Patient's Perspective

Christy Williams, MD
Partners Telemedicine
Boston, MA

Store and Forward Technology in Telemedicine
Swamy Laxminarayan, MSc

Institute of Rural Health, Idaho State University
Pocatello, ID

Tuesday, May 4, 2004

11:15 AM - 12:15 PM

Track III: Ocular Telehealth

Ocular Telehealth: Using Technology for Remote Ocular Healthcare

Computer Display Calibration Guidelines for Digital Imagery Diabetic Retinopathy Evaluation

Helen Li, MD
University of Texas Medical Branch
Galveston, TX

Tele-glaucoma: Use of Digital Devices and Web-based System for Screening and Detection of Glaucoma

Kanagasig Yogesan, PhD, MSc
Centre for E-Health, Lions Eye Institute
Nedlands, Australia

Computer Eye Modeling in Ocular Telemedicine
James Lewis, PhD

University of Tennessee Space Institute
Tullahoma, TN

Portable Retinal Imager

Quinn Smithwick, PhD
Schepens Eye Research Institute
Boston, MA

Telemental Health

A Statewide Second Opinion Child Psychiatry Telemedicine Service

Peter Yellowlees, MD, BSc, MBBS, FRANZCP, MRC (Psych), MAPsS, MRACM
Centre for Online Health, University of Queensland
Brisbane, Australia

Telepsychiatry: Improving Access in Rural Northern Idaho

Sue Fox, MPH
North Idaho Rural Health Consortium
Sandpoint, ID

An Evaluation of Telepsychiatry from a Training Perspective

Eve-Lynn Nelson, PhD
Kansas University Medical Center
Kansas City, KS

Minimum Data Set Facilitates Telepsychiatry Consultations for Nursing Home Residents

Terry Rabinowitz, MD, FAPM
University of Vermont College of Medicine
Burlington, VT

Teleradiology System Design and Management

An Emerging Web-enabled Radiology Business Practice Within the U.S. Army

Gary Gilbert, PhD
University of Pittsburgh
Fort Detrick, MD

Can Off-The-Shelf Color Monitors be Used in Teleradiology?

Elizabeth Krupinski, PhD
University of Arizona
Tucson, AZ

Effectiveness of a Radiological Imaging System Deployed in the Air Force

Paul Chang, MD
University of Pittsburgh Medical Center Health System & University of Pittsburgh School of Medicine
Pittsburgh, PA

Challenges in Deploying a Global Teleradiology System
Peggy Chandler, MD

Naval Medical Information Management Center
Bethesda, MD

Statewide Systems of Remote Healthcare

The California Telemedicine and eHealth Center Resource Services

Sharon Avery
California Telemedicine and eHealth Center (CTEC)
Sacramento, CA

Medicaid Reimbursement in Alaska for Store-and-Forward Telemedicine: Critical Analysis of Data

Stewart Ferguson, PhD
Alaska Native Tribal Health Consortium
Anchorage, AK

Surgical Training Using Telemedicine

Robotic Assistance and Telementoring

Lucian Panait, MD
Medical Informatics and Technology Application Consortium, Virginia Commonwealth University
Richmond, VA

Telementoring: An Important Enabling Tool for the Community Surgeon

Mehran Anvari, MBBS, PhD, FRCSC, FACS
Centre for Minimal Access Surgery, McMaster University
Ontario, Canada

Telecardiology: Research Findings

Tele-electrocardiogram: Is There Any Difference Regarding Using Fixed Versus Mobile Lines?

Roberto Botelho, MD
ITMS do Brasil
Uberlandia, Brazil

Benefits of Vital Sign Monitoring Combined with Cardiac Device Monitoring

Suresh Neelagaru, MC
Amarillo Diagnostic Clinic
Amarillo, TX

Using Telemedicine for Provider Education

Interactive Virtual Reality in Distance Medical Education

Dale Alverson, MD
University of New Mexico
Albuquerque, NM

Advanced Technology Research for Surgical Simulation and Telemedicine

Gerald Moses, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Teledentistry

Teledentistry in Rural California

Daniel Plotkin
Childrens Hospital Los Angeles
Los Angeles, CA

TeleDentistry: Fiction or Fact? A Case Study on the Development of a TeleDentistry Network

Nina Antoniotti, RN, MBA, PhD
Marshfield Clinic
Marshfield, WI

Case Study: Driscoll Children's Hospital Regional Telehealth Network: Integrating Clinical, Technical and Business Drivers to Promote Telehealth

Deploying an Enterprise Telehealth Network: Telemedicine and Distance Learning Implementations

Molly Reyna
Driscoll Children's Hospital
Corpus Christi, TX

Clinical Perspectives: Measuring Success through Efficiency, Safety and Positive Clinical Outcomes

Kevin Hopkins, MD, FACS
Driscoll Children's Hospital
Corpus Christi, TX

Telemedicine in Developing Nations

Technology Transfer in Developing Countries: A Telemedicine Framework for an Assessment of Healthcare Needs and Proper Technologies

Jiwan Giri, PhD (c), MS, BBA
International Center for Applied Studies in Information Technology
Fairfax, VA

Store-and-Forward Telemedicine in Rural Cambodia

Nancy Lugin, JD, MBA
Partners Telemedicine
Boston, MA

The Impact of Telemedicine Project of Kosovo in the Balkans Reach Far Beyond Telemedicine Applications

Rifat Latifi, MD
The University of Arizona
Tucson, AZ

Telemedicine in Developing Countries: Making the Dream a Reality

Yunkap Kwankam, PhD
World Health Organization
Geneva, Switzerland

Track I: Managing Telemedicine Programs

Track II: Home Telehealth

Federal Grant and Support Programs

Telehealth Performance Measurement and the Hidden Telehealth System

Dena S. Puskin, ScD
Office for the Advancement of Telehealth, HRSA
Rockville, MD

Improvements in Universal Service Support of Rural Health Care Telecommunications

William L. England, PhD, JD
Rural Health Care Division, Universal Service Administrative Company
Washington, DC

Technology and Telecommunications in Support of Remote Healthcare Delivery Part 2

Creating a Model for Rural Telehealth Network Development

Poldi Tschirch, RN, PhD
The University of Texas Medical Branch Telehealth Center
Galveston, TX

Encrypting Video Conferencing Over IP in a Heterogeneous Device Environment

Douglas McClure, MIM
Partners Healthcare System
Boston, MA

Technical Support for Telemedicine

Abdallah Abdallah, PhD
Alaska Native Tribal Health Consortium
Anchorage, AK

Tele-health System for Enhanced Data Sharing Over a TCP/IP Network

Toshio Ohyanagi, PhD
Sapporo Medical University
Sapporo, Japan

Tuesday, May 4, 2004

1:30 PM - 2:30 PM

Track II: Home Telehealth

Telehomecare: Administrative and Program Management

Finding Pearls in Lessons Learned: Rural Hospital Based Home Telehealth
Lorraine Pellegrino, RN, MHA
University of California, Davis Health System
Sacramento, CA

A Multi-tiered Telehealth Solution for Large Hospitals
Donna Vogel, MSN, CCM
VA Connecticut Healthcare System
West Haven, CT

Independent Component Analysis for Remote Medical Observation
Isao Nakajima, MD, PhD
Tokai University Institute of Medical Sciences
Isehara City, Japan

Daily Home Telemonitoring: An Interdisciplinary Model
Dale Reis, RN, BSN
VNS Home Health Services
Narragansett, RI

Track III: Ocular Telehealth

Ocular Telehealth: Reaching the Consumer

Teleophthalmology in an Urban Shopping Mall: Evaluation
Nancy Elish, DrPH, MSPH
University of Maryland School of Medicine
Baltimore, MD

Expansion of eHealth Services and Indian Health Care in California
Barbara Johnston, MSN
The California Telemedicine & eHealth Center (CTEC)
Sacramento, CA

Teleophthalmology in an Urban Shopping Mall: Retinal Imaging
Scott Steidl, MD, DMA
University of Maryland School of Medicine
Baltimore, MD

EyePACS: Communicating With Ocular Images in Diverse Outpatient Settings
Jorge Cuadros, OD
University of California
Berkeley, CA

Telemental Health: Project Reports

Telepsychiatry: Where the Medium Supports the Process, a Case Study
George Brandt, MD
United States Army
Washington, DC

Using Automation to Screen for Depression in Primary Care Clinics
Paulette Williams, RN, DrPH
Tripler Army Medical Center
Honolulu, HI

Effectiveness of Telemedicine as a Mental Health Consultative Procedure
Peggy Keilman, PhD, FPPR
University of New Mexico
Albuquerque, NM

No Shows - Are They a Problem in a Telebehavioral Health Practice?
Swarnalath Prasanna, MD
Walter Reed Army Medical Center
Washington, DC

3:00 PM - 4:00 PM

Track I: Managing Telemedicine Programs

Operational Planning

An Analysis of Unsuccessful Telemedicine Consultations
Elizabeth Krupinski, PhD
University of Arizona
Tucson, AZ

Development of a Flexible Telemedicine Decision Analysis Tool
Sandra Schmunk, BS, MT-ASCP, MA
VA Midwest Health Care Network
Minneapolis, MN

Performance Quality: Where are You and How to Get to Where You Want to Be?
Nina Antoniotti, RN, MBA, PhD
Marshfield Clinic
Marshfield, WI

Remote Neurological Care

Telemedicine Stroke Education for Medically Underserved Communities
Mona Bahouth, MSN, CRNP
University of Maryland Medical Center
Baltimore, MD

Clinical Neurology Telemedicine Support System
Jack Tsao, MD, DPhil
Naval Hospital Jacksonville
Jacksonville, FL

Informatics Based Solutions that Support Remote Consultation in Pediatric Neurology
Patricia Goede
University of Utah
Salt Lake City, UT

Telestroke: A Strategy for Acute Stroke Management in Underserved Communities
Karen Waite, RN, BScN, MBA
NORTH Network
Toronto, Canada

Innovative Internet-Based Applications of Remote Healthcare

Does the New World of Mobile Healthcare Computing Confuse You?
Mark Blatt, MD
Intel Corporation
Beaverton, OR

Re-designing the Outpatient Referral Process Using e-Referral, Does It Work?
Victor Lopes, PhD, FRCS, FDSRCS
Royal Wolverhampton Hospitals
Wolverhampton, United Kingdom

ViCCU--Application of Ultra-broadband Internet for Critical Care Telemedicine
Rong-Yu Qiao, PhD
CSIRO ICT Centre, Australia
Epping, Australia

The Aeromedical Epidemiology Data Registry: A Paperless Flight Physical System
Thomas Greig, MD, MPH
U.S. Army Aeromedical Activity
Fort Rucker, AL

Telemedicine in Support of Homeland Security
e-Health Solutions for Emerging Infections and Bio-Terrorism

Peter Yellowlees, MD, BSc, MBBS, FRANZCP, MRC (Psych), MAPsS, MRACM
Centre for Online Health, University of Queensland
Brisbane, Australia

Homeland Security Command And Control Software Application Evaluation

Willie Bido, MA
Center for Total Access
Fort Gordon, GA

Telemedicine in Homeland and Latin America Regional Security for the Next Decade

Jorge Vélez, MD
Colombian Telemedicine Center
Cali, Colombia

Redundant Wireless Communication Technologies for Bioterrorism Surveillance

Brett Harnett
Medical Informatics and Technology Applications Consortium (MITAC), Virginia Commonwealth University
Richmond, VA

Track I: Managing Telemedicine Programs

Human Factors in Implementing Telemedicine Programs, Part 2

Comparison of Communication Patterns in Traditional and Tele-dermatology

George Demiris, PhD
University of Missouri-Columbia
Columbia, MO

Social and Technical Quality Attributes in a Telemedicine Encounter: Contrasting Perspectives

Cynthia LeRouge, PhD
St. Louis University
St. Louis, MO

Critical Human Factors Issues Contributing to the Success of a Regional Teledermatology System

Aideen Stronge, MS
Georgia Institute of Technology
Atlanta, GA

Adapting a Patient-Provider Interaction Coding System for Interactive Televideo

Eve-Lynn Nelson, PhD
Kansas University Medical Center
Kansas City, KS

Using Telemedicine to Train Providers

Creating an eEquivalent Curriculum for a Distant Medical School Campus

JK Stringer
School of Medicine, Virginia Commonwealth University
Richmond, VA

Use of Telemedicine to Enhance Medical Student Surgery Education

Eric Hanly, MD
Uniformed Services University
Andrews Air Force, MD

Strengthening Postgraduate Medical Education in Peripheral Medical Colleges Through Telemedicine

Kartar Singh, MD
Sanjay Gandhi Postgraduate Institute of Medical Sciences
Lucknow, India

Can Medical Students Learn Content in Lectures Presented via Telemedicine?

Peter Callas, PhD
University of Vermont College of Medicine
Burlington, VT

Trauma and Emergency Medicine

US Army TATRC Robotic Casualty Evacuation Portfolio

Gary Gilbert, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

FAST Teletraining: Remote Supervision for Focused Assessment with Sonography for Trauma

Colin Mackenzie, MBChB, FRCA, FCCM
Charles McMathias, Jr. National Study Center for Trauma & EMS
Baltimore, MD

Telemedicine for Supporting Transport and Rescue: The FAST STAR Project

Michael Caputo, MS
University of Vermont
Burlington, VT

Telepathology Applications

Sustainment of a Worldwide Real-Time Telepathology Network

Keith Kaplan, MD
Walter Reed Army Medical Center
Washington, DC

Telepathology Applications in Cytology

Keith Kaplan, MD
Walter Reed Army Medical Center
Washington, DC

Hardware-independent Digital Microscopy Storage and Teleconsultation – a Pathology PACS Platform Optimized for Whole Slide Digital Imaging

F. Leong, MD, PhD
Mirada Solutions
Oxford, United Kingdom

Color Standardization in Pathology Imaging and Telepathology

Yukako Yagi
University of Pittsburgh Medical Center
Pittsburgh, PA

Telemental Health: Research Findings

The Impact of Mental Health Telemedicine on Patients' Cost Savings

Cathy Irwin, PhD, RN, CS
Rural Hospital Program, University of Arkansas for Medical Sciences
Little Rock, AR

An Expert System for Behavioral Health Risk Assessment

Gregory Gahm, PhD
Army Behavioral Health Technology Office
Tacoma, WA

Telepsychiatry Research Project in Michigan: Outcomes and Impacts

Pamela Whitten, PhD
Michigan State University
East Lansing, MI

Telepsychiatry and Research: Lessons Learned

Nancy Black, MD
Walter Reed Army Medical Center
Washington, DC

Tuesday, May 4, 2004

4:15 PM - 5:15 PM Track III: Ocular Telehealth

Ocular Telehealth: Remote Assessments of Diabetic Retinopathy

Early Experience Using the DigiScope for Diabetic Retinopathy Screening

Ingrid Zimmer-Galler, MD
Wilmer Eye Institute
Baltimore, MD

Awareness and Attitudes of Ophthalmologists Towards Telemedicine Screening for Diabetic Retinopathy

Dinesh Verma, MD, FRCS
Doheny Eye Institute
Los Angeles, CA

The Efficacy of Digital-Video Retinal Imaging to Detect Diabetic Retinopathy

Mary Lawrence, MD, MPH
VHA Midwest Health Care network
Minneapolis, MN

Digital Retinal Imaging Improves Compliance with Diabetes Eye Care Guidelines

Paul Conlin, MD
VA Boston Healthcare System
Boston, MA

US/Norway Collaborative Telemedicine Project

US Army Stryker Brigade PIC Evaluation

Gary Gilbert, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC), University of Pittsburgh
Fort Detrick, MD

Evaluation and Outcomes

John Brevik, MD
Norwegian Ministry of Defense
Trondheim, Norway

Technology and Lessons Learned

Ståle Walderhaug, MSc
SINTEF Telecom and Informatics
Trondheim, Norway

SANDOK- The Norwegian Military Electronic Health Record

Terje Sagen, MD
Institute of Military Medical Research and Development, Joint Medical Services Norway
Oslo, Norway

Track II: Home Telehealth

Telehomecare: Merging Technology and Clinical Care

Videophone Medication Intervention for Parkinson's Disease Patients

Pamela Willson, PhD, RN
Veteran Affairs Medical Center
Houston, TX

Caregiver Enrollment in a Telephone-Linked Computer System (TLC) for Dementia

Stuti Dang, MD, MPH
VA Medical Center and University of Miami
Miami, FL

Caregiver Needs-Assessment for a Telephone-Linked Computer System (TLC) for Dementia

Stuti Dang, MD, MPH
VA Medical Center and University of Miami
Miami, FL

The Use of Videophones for Postoperative Management of Distraction Osteogenesis

Kevin Hopkins, MD
Driscoll Children's Hospital
Corpus Christi, TX

Wednesday, May 5, 2004

10:15 AM - 11:15 AM Track III: Ocular Telehealth

Ocular Telehealth: Evaluations of Unique Applications

Cost Effectiveness Study of the Joslin Vision Network Teleophthalmology Application

Sven-Erik Bursell, PhD
Joslin Diabetes Center
Boston, MA

An Ocular Tele-Health Research Program for the Army Medical Department

Robert Read
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Comparison of Dilated Eye Examinations to JVN Imaging at TAMC

Deborah Birkmire-Peters, PhD
John A. Burns School of Medicine, University of Hawaii
Honolulu, HI

Specialist Eye Care Delivery Using a Secure Web-based System in Rural Western Australia

Kanagasasing Yogesan, PhD, MSc
Centre for E-Health, Lions Eye Institute and University of Western Australia
Nedlands, Australia

Track II: Home Telehealth

Telehomecare: Clinical Applications

Computer Device Assessment for Occupational/Physical Therapy Home-Health Documentation

Donald Walkovich, MS, OTR/L
Saint Francis University
Loretto, PA

Advancing Cancer Care through Home Telehealth

Neale Chumbler, PhD
Department of Veterans Affairs
Gainesville, FL

Coagucare-Harmonizing Anticoagulation with Care Coordination and Technology

Patricia Hilsen, BSN, RN
Fort Myers VA Outpatient Clinic
Fort Myers, FL

Track I: Managing Telemedicine Programs

Operations

Measuring Quality Improvement in a Telemedical Setting

George Demiris, PhD
University of Missouri-Columbia
Columbia, MO

Telehealth-specific Data Management: The CMIS (Care Coordination/Care Manager Information System)

Joseph Erdos, MD, PhD
VA Connecticut Healthcare System
West Haven, CT

Performance Improvement Model for a Store-Forward Telehealth Program

Sandra Schmunk, BS, MT-ASCP, MA
VHA Midwest Health Care Network
Minneapolis, MN

Blending Organizational Policy to Create a Unified Telehealth Delivery System

Deborah Scale, MA
Southern Illinois University School of Medicine
Springfield, IL

Track I: Managing Telemedicine Programs

Understanding How to Effectively Deploy Health Communication Technologies: An Interactive Case Study Approach

Telehealth in Cyberspace

Dale Alverson, MD
University of New Mexico
Albuquerque, NM

Partners Online Specialty Consultations: Meeting Adoption Challenges

Paul Heinzelmann, MD
Partners Telemedicine, Harvard Medical School
Boston, MA

Home Telehealth: Creating Nurse Buy-In

Bonnie Britton, MSN, RN, C
American TeleCare, Inc.
Greenville, NC

Planning a State-Wide Telemedicine Program. The Concept of Authority Management

Ronald Weinstein, MD
Arizona Health Sciences Center
Tucson, AZ

Case Study -- Fraud and Abuse and Telemedicine

Robert Waters, JD, MPA
Arent Fox
Washington, DC

Telemedical Intake and Triage

Risk Management Program Case Study

Joseph Albano, MBA
Sentrx
Little Falls, NJ

Telehealth Sick Call: A Public-Private Partnership

Paul English, MD
University of Texas Medical Branch Telehealth Center
Galveston, TX

The Nurse Case Manager: A Key to Successful Telemedicine

Karen Riojas, RN
University of Texas Medical Branch Telehealth Center
Galveston, TX

Diagnostic Accuracy of Pediatric Urgent Care in a School-Based Telehealth Simulation

Deborah Swirczynski, MA
University of Kansas Medical Center
Kansas City, KS

Using Telemedicine for Rehabilitation

Mobile Telerehabilitation Evaluation (MTE II):

Increasing Access To Rehabilitative Services in Rural Areas

Jacob Burk
NTSS, CERMUSA, Saint Francis University
Johnstown, PA

Tele-Speech Language Pathology: Increasing Access to Quality Care and Education

Krisan Palmer, RN
Atlantic Health Sciences Corporation
Saint John, Canada

The Effect of Cognitive Impairments on Videoconferencing and Telerehabilitation

Michael McCue, PhD, CRC
University of Pittsburgh
Pittsburgh, PA

The TeleShoe Clinic and the Analysis of Running Pain

Shari Tomasetti, MS
DiLorenzo TRICARE Health Clinic
Arlington, VA

Telemedicine for Provider Education

The Use of Telemedicine Networks for Delivering CME in Rural Communities

Michael Ricci, MD
University of Vermont College of Medicine
Burlington, VT

Utilizing Distance Learning for Flight Surgeon Refresher Training

Brad Sullivan, MS
Center for Total Access
Fort Gordon, GA

Multimedia, the Military, Mogadishu and Hollywood: Developing Interactive Medical Training

Pete Redmond
Center for Total Access
Fort Gordon, GA

A Virtual Telesimulation Scenario for Otolaryngologic Surgery Skills Training

Andrés Navarro Newball, MSc
Pontificia Universidad Javeriana
Cali, Colombia

Using Telemedicine in the Management of Diabetes

Development and Evaluation of An IMT 2000 Cellular Phone Based Edutainment System for Type-1 Diabetic Children in Japan

Noriaki Aoki, MD, PhD, MS
School of Health Information Sciences, University of Texas Health Science Center - Houston
Houston, TX

Improving Diabetic Care through Technology and Care Coordination

Patricia Ryan, RN, MS
VA VISN 8's Community Care Coordination Service
Bay Pines, FL

Cost of a Diabetic Teleretinal Program Versus Traditional Clinical Examination

Stephen Parente, PhD, MPH, MA
Carlson School of Management
Minneapolis, MN

Florida Initiative in Telemedicine and Education Improves Health Status of Children with Diabetes

Torce Malasanos, MD
University of Florida
Gainesville, FL

Evaluating and Costing Telemedicine 1

Results from a 3-Year Study in Michigan's Upper Peninsula

Pamela Whitten, PhD
Michigan State University
East Lansing, MI

Telemedicine and Conventional Primary Care: A Comparison of Clinical Outcomes

Thom Pfeil, MD
University of Texas Medical Branch
Galveston, TX

Evaluation of an HIV/AIDS Treatment Program in Rural California Communities

Thomas Nesbitt, MD, MPH
UC Davis Health System
Sacramento, CA

Traveling a Provider to Promote Efficiency and Rapid Delivery of Health Care Through Telemedicine

John Kokesh, MD
Alaska Native Medical Center
Anchorage, AK

Wednesday, May 5, 2004

11:30 AM - 12:30 PM

Transforming Tele-clinical Information into Pilot Data

A Teleoncology Model

Gary Doolittle, MD
Center for TeleMedicine and TeleHealth, Kansas
University Medical Center
Kansas City, KS

Research Design

Eve-Lynn Nelson, PhD
Center for TeleMedicine and TeleHealth, Kansas
University Medical Center
Kansas City, KS

Research Implementation

Ryan Spaulding, PhD (c)
Center for TeleMedicine and TeleHealth, Kansas
University Medical Center
Kansas City, KS

ENT Applications

Evaluation of Tympanostomy Tubes Using Store-and-Forward Telemedicine

Gregory Zwack, MD
Alaska Native Medical Center
Anchorage, AK

Validation of Tele-otology for the Diagnosis of Ear Disease

Robert Eikelboom, MAppSc, PhD
Lions Ear and Hearing Institute
Nedlands, Australia

The Role of Telehealth in Providing Remote, Interactive Swallowing Evaluations in Kansas

Jill Georges, MS, L/CCC-SLP
University of Kansas Hospital
Kansas City, KS

Treating Ear Disease through Telehealth: Results from 1,000 Cases in Alaska

John Kokesh, MD
Alaska Native Medical Center
Anchorage, AK

Military Telemedicine

Web Enabled Remote Consult Appointing in Soldier Mobilization/Demobilization Processing

Carl Clifford
Telemedicine Directorate, Walter Reed Army Medical Center
Washington, DC

Initial Implementation of an Intelligent Patient Data Review Assistant

Trinka Coster, MD
U.S. Army Medical Research and Materiel Command (USAMRMC)
Silver Spring, MD

Interoperable Military Telemedicine -- The NATO Approach

David Lam, MD, MPH
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Voice Control for Enhanced Battlefield Telemedicine—Performance Testing and Results

Scott Shaw
Planning Systems Incorporated
Reston, VA

NOTES:

Providing Remote Health Care in Other Countries

A Latin America Telemedicine Social Perspective from a Colombian Telemedicine Center Initiative

Jorge Velez, MD

Colombian Telemedicine Center

Cali, Colombia

Retrospective Case Review of a Global e-Health System for Doctors in Developing Countries

Prof. Richard Wootton

Centre for Online Health, University of Queensland

Brisbane, Australia

Cultural Feasibility and Sustainability of Internet-based Consultation in Rural Ecuador

Paul Heinzelmann, MD

Harvard Medical School, Partners Telemedicine

Boston, MA

Cultural Aspect of Technology Implementation: Japan and Canada

Masako Miyazaki, PhD

University of Alberta

Edmonton, Canada

Track I: Managing Telemedicine Programs

Evaluating and Costing Telemedicine 2

Improving Access to Nutrition Education

Krisan Palmer, RN

Atlantic Health Sciences Corporation

Saint John, Canada

Effectiveness Measures in a Pediatric Store and Forward Teleconsultation System

Francis Malone, MD

Tripler Army Medical Center

Honolulu, HI

The Alberta SuperNet - Impact on Health Services Delivery

Penny Jennett, PhD

University of Calgary

Calgary, Canada

Single Question - High Volume (SQHV) Store and Forward Evaluation: Analysis of 10,000 Responses in Alaska

Stewart Ferguson, PhD

Alaska Native Tribal Health Consortium

Anchorage, AK

Emerging Clinical Applications

Palliative Care Telemedicine to Correctional Facilities

Deborah Justis, BSN, RN, MSHA

Virginia Commonwealth University Health System

Richmond, VA

Improved Access to Advanced Procedures for the Pulmonary Patients due to Implementation of Teleconsultations between Peripheral and University Hospitals

Mariusz Duplaga, MD, PhD

Jagiellonian University Medical College

Krakow, Poland

Remote Follow-up System for Patients with a Hip-prosthesis

Jorge Teijeiro, PhD

IMEDIR Lab. University of A Coruña

A Coruña, Spain

Real Time Transfer of Live Video Image in Parallel with Volume 3D-models of the Surgical Field in Tele-3D-computer Assisted Surgery

Ivica Klapan, MD, PhD

Zagreb University School of Medicine

Zagreb, Croatia

ATA 2004 POSTER PRESENTATIONS



MONDAY, MAY 3

4:00 PM – 6:00 PM IN EXHIBIT HALL

Posters listed alphabetically by presenter

Developing a Telemedicine Program for a Large Urban Jail; Educational Opportunities for Staff

Constance Ahlman, BS, MA
Maricopa County Correctional Health Services
Phoenix, AZ

A Web-based Tool to Harvest Information and Video from the Operation Theatre

Lars-Petter Akselsen
Rikshospitalet University Hospital
Oslo, Norway

Forming a State-Wide Telehealth Alliance in New Mexico

Dale Alverson, MD
University of New Mexico
Albuquerque, NM

People's Choice Award

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Presentation

Telemedicine of the Czech Army

Karel Antos, PhD
Purkyne Military Medical Academy
Hradec Kralove, Czech Republic

Routine Use of Telerobotic Remote Surgery

Mehran Anvari, MB BS, PhD, FRCSC, FACS
Centre for Minimal Access Surgery,
McMaster University
Hamilton, Canada

Funding Sources and Cycles for Telemedicine Programs: It's All About Sustainability

Gail Barker, MBA
Arizona Telemedicine Program
Tucson, AZ

Development of an Online Medical Training Database

Nicholas Beaty
Center for Total Access
Fort Gordon, GA

Referring Physicians' Attitudes Toward Interactive Video Telemedicine for Consultation

Rachael Bennett, MA
University of Colorado Health Sciences Center
Denver, CO

Analysis of Using a PDA for Diabetes Management

Steven Bickford
Saint Francis University, Center of Excellence for Remote and Medically Under-Served Areas (CERMUSA)
Loretto, PA

The Development of the U.S. Army Tele-Neurosurgical Consultation Network

Thomas Bigott, BS
Walter Reed Army Medical Center
Washington, DC

The North Atlantic Regional Medical Command's Telemedicine Health Portal

Thomas Bigott, BS
Walter Reed Army Medical Center
Washington, DC

Developing a Telemedicine Program for a Large Urban Jail; Subtitle:

Maximizing Care to Juveniles in Jail
Janice Bray, MD
Maricopa County Correctional Health Services
Phoenix, AZ

American Telemedicine Association Position Statement: Standards and Guidelines in Telehealth for Diabetic Retinopathy

Jerry Cavallerano, OD, PhD
Beetham Eye Institute, Joslin Diabetes Center
Boston, MA

Benefits of Telemedicine and Telehealth: Mexico Overview

Carlos Chavolla, BME
Telemedicina de Mexico
Mexico City, Mexico Mexico

Computer Real-Time Analysis in Mobile Ocular Screening

Ying-Ling Chen, PhD
University of Tennessee Space Institute
Tullahoma, TN

Tele dermatology in Dalian, China

Liqun Cheng, MD
Dalian Dongxiang Sci & Tech Dev Co., Ltd.
Dalian, China

Effect of Web-based Mental Health Intake on Parent/Provider Satisfaction

Ryo Sook Chun, MD
Walter Reed Army Medical Center
Washington, DC

FAST STAR - Technical Testing of Video in the Ambulance

Harry Clark
Fletcher Allen Health Care
Burlington, VT

Developing a Curriculum for a Masters Programme in Telemedicine and eHealth

Malcolm Clarke, PhD
Brunel University
Uxbridge, United Kingdom

eVital - Continuous Telemonitoring of Vital Signs in a Residential Nursing Home

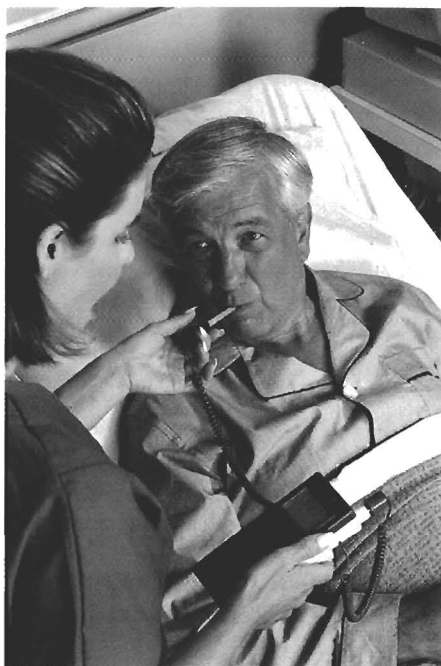
Malcolm Clarke, PhD
Brunel University
Uxbridge, United Kingdom

eVitals Kiosk for Vital Signs and Health Questionnaire Capture

Carl Clifford
Telemedicine Directorate, Walter Reed
Army Medical Center
Washington, DC

VTC and Web Enabled Remote Orthopaedic Consult System

Carl Clifford
Telemedicine Directorate, Walter Reed
Army Medical Center
Washington, DC



Providing Pediatric Emergency Medicine Expertise to Rural Emergency Departments using Telemedicine

Stacey Cole
UC Davis Health System
Sacramento, CA

Joslin Vision Network: Evidence Supporting Need for Comprehensive Disease Management

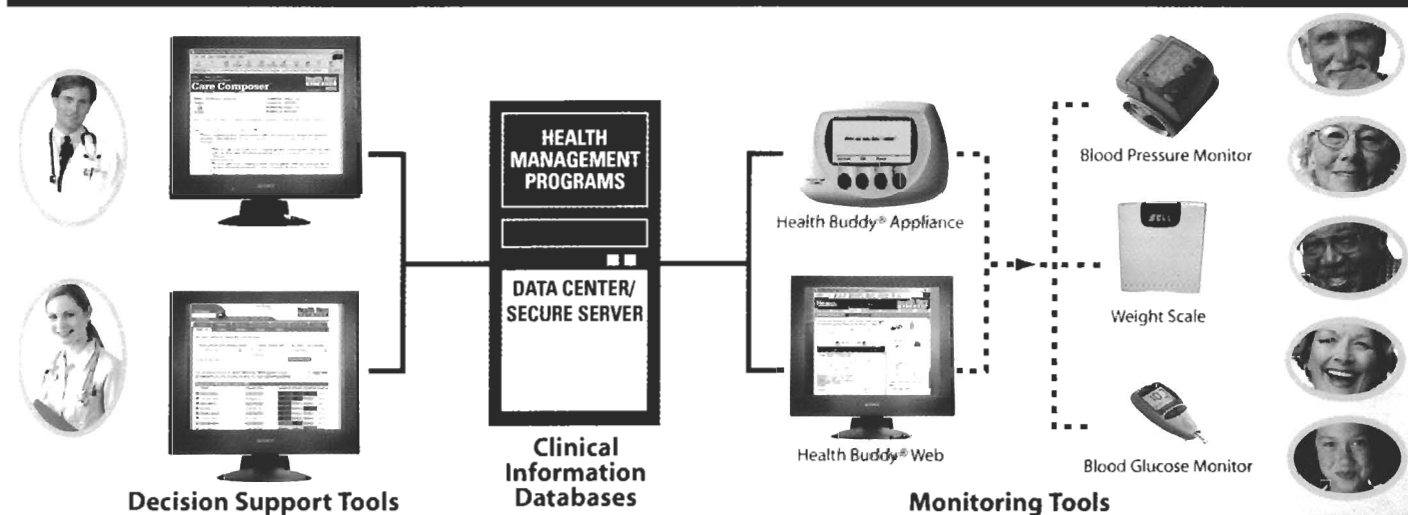
Kari-Jo Coll, RN
Pacific Telehealth and Technology Hui,
Tripler Army Medical Center
Honolulu, HI

A Partnership for Integrating Healthcare Informatics in the Curriculum

Helen Connors, PhD, RN
University of Kansas School of Nursing
Kansas City, KS

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Developing Partnerships To Bring Health Care Closer To Home
Kathryn Crone, BScN, BEd, MEd
Eastern Ontario Telemedicine Network
Ottawa, Canada

Neuromuscular Rehabilitation via Telebiofeedback as a Portal for Home Care
Tamara Cyhan, RN, BSN
Walter Reed Army Medical Center
Washington, DC

Strategies Used by Home Health Agencies to Promote Telehealth
Kathryn Dansky, PhD
Pennsylvania State University
University Park, PA

Smart Home Technologies for Aging in Place
George Demiris, PhD
University of Missouri-Columbia
Columbia, MO

Success of Telehealth Participation—Group Psychosocial Intervention for Breast Cancer
Debra Dunivin, PhD
Walter Reed Army Medical Center
Washington, DC

The TeleMarker™—A New Trans-Telephonic Blood Testing Device
Mayara Elizur, MD
SHL Telemedicine Ltd.
Tel Aviv, Israel

Clinical Pathway for an Ocular Telehealth Model for Diabetic Retinopathy
Barry Fisch, OD
VA Boston Health Care System
Boston, MA

Telebehavioral Virtual Clinic and Web-Based Behavioral Health Record System
Grigori Gadiyak, PhD
Walter Reed Army Medical Center
Washington, DC

Project ASSIST
Thomas Gallagher, MD
Tripler Army Medical Center
Honolulu, HI

Voice Control for Enhanced Battlefield Telemedicine
Gary Gilbert, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

A Rugged Personal Digital Assistant for Military Medics
Gary Gilbert, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Telemedicine Administrators and Technology Adoption
Bill Grigsby, PhD
Eastern Oregon University
La Grande, OR

The Texas Telehealth Resource Center: A Virtual Reality
Jeanette Hartshorn, RN, PhD, FAAN
University of Texas Medical Branch
Telehealth Center
Galveston, TX

Automated Retinal Image Analysis in a Teleophthalmology Diabetic Retinopathy Screening Program
Roberto Hornero, PhD
University of Valladolid
Valladolid, Spain

Tele-Surveillance for Public Safety and Homeland Security
Peter Hu, MS
National Study Center for Trauma and Emergency-Medical-System, University of Maryland School of Medicine
Baltimore, MD

Rural Health Care Providers: Telehealth Presentation & Data Collection Acceptability
Beth Hudnall Stamm, PhD
Idaho State University, Institute of Rural Health
Pocatello, ID

Telepharmacy Program in the Gila River Indian Hospital, Arizona
Alison Hughes, MPA
Arizona Telemedicine Program
Tucson, AZ

Low Birth Weight Patterns: Assessing Telemedical Access Inequality in Arkansas
Alana Hulen, MSW
University of Arkansas for Medical Sciences
Little Rock, AR

Caring for Remote Populations: Evaluation of a Novel Fixed Telemedicine Work Station in Ecuador
Russell Hummel, III, MSBME, NREMT-P
Medical Informatics and Technology Applications Consortium (MITAC), Virginia Commonwealth University
Richmond, VA



**A Prediction of the Propagation Path
Employing Optical Methods**

Hiroshi Juzoji, MD
Tokai University Institute of Medical
Sciences
Isehara, Japan

**Effectiveness of Personal
Communications on Psychological
Stress in Isolation Space**

Hiroshi Juzoji, MD
Tokai University Institute of Medical
Sciences
Isehara, Japan

**Quality Assessment of Online Specialty
Consultations**

Kathleen Kelleher
Partners Telemedicine
Boston, MA

**A Case Study In Testing a Telemedicine
Deployment Extreme Environments**

Edward Kensinger
Center for Total Access
Fort Gordon, GA

**Wireless Telemedicine Applied to
Diabetes Management**

Sukhwant Khanuja, PhD
Careamtix Inc.
Chicago, IL

**Three Years Activities of the ITU
Telemedicine Expert Training Course**

Norio Kimura, MD, PhD
Tokai University School of Medicine
Isehara, Japan

**Asia-Pacific e-health activities for the
World Summit on the Information
Society**

Norio Kimura, MD, PhD
Tokai University School of Medicine
Isehara, Japan



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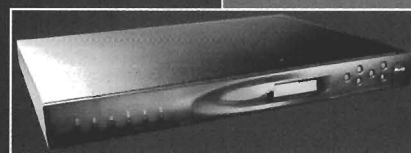
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Advancing Cancer Care Through Technology

Rita Kobb, MS, MN, GNP, BC
Department of Veterans Affairs
Lake City, FL

Quantifying the Risk Factors for Brain Trauma

Zhifeng Kou, PhD (c)
North Dakota State University
Fargo, ND

Quality Management in Sleep Medicine via Telemedicine: Overseas Transfer of Polysomnograms via Internet

David Kristo, MD
US Army
Washington, DC

Robotic Emergency Medicine and Danger Detection (REMeD-D)

Anthony Laratonda
Saint Francis University's Center of Excellence for Remote and Medically Under-Served Areas (CERMUSA)
Loretto, PA

Mobile Communications Platform (MCP)

Anthony Laratonda
Saint Francis University's Center of Excellence for Remote and Medically Under-Served Areas (CERMUSA)
Loretto, PA

Teleducation as an Integral Part of Medical Education Curriculum

Vladimir Lavrentyev, MD, MBA
Virginia Commonwealth University
Richmond, VA

The Impact of Health e-Technology on the Management of Congestive Heart Failure Home Patients

Craig Lehmann, PhD
Stony Brook University
Stony Brook, NY

Women's Health Care via Telemedicine

Ana Maria Lopez, MD, MPH, FACP
Arizona Cancer Center
Tucson, AZ

Telecolposcopy in a Primary Care Women's Clinic: a Pilot Study

Ana Maria Lopez, MD, MPH, FACP
Arizona Cancer Center
Tucson, AZ

An Analysis of ISDN/IP Cost Effectiveness in Canada

Ron MacFarlane, BComm, MBA
Nova Scotia Department of Health
Halifax, Canada

Cost Effectiveness of Telehealth in Canada

Ron MacFarlane, BComm, MBA
Nova Scotia Department of Health
Halifax, Canada



Multipoint Patient Education, It Works!

Robert McBee
VA-Heartland Network
Kansas City, MO

Communications & Information Support for the Ambulant Health Worker

Nathaniel R. Merriam
Medical Informatics and Technology Applications Consortium (MITAC), VCU
Richmond, VA

An Implementation Manual for Expansion of a Store-Forward Telehealth Program

Gary Michalec, BS, CRA, COA
VHA Midwest Health Care Network
Minneapolis, MN

ehealth Platform for Remote Underserved Regions in Latin America

Jorge Millan, MSEE
Fraunhofer-IBMT Institute
Hialeah, FL

Telematic Homecare Platform in European Cooperative Health Care Provider Networks

Jorge Millan, MSEE
Fraunhofer-IBMT Institute
Hialeah, FL

Telemedicine Application in Maha Kumbhmela (Indian Festival) with Large Congregation

Saroj Mishra, MS
Sanjay Gandhi Postgraduate Institute of Medical Sciences
Lucknow, India

e-Health Technology Development

Masako Miyazaki, PhD
University of Alberta
Edmonton, Canada

How Do You Take a New Invention to the Market ASAP?

Masako Miyazaki, PhD
University of Alberta
Edmonton, Canada

Promoting Quality Assurance and Quality Improvement Activities in Rehabilitation Facilities

Eric Muncert
NTSS/CERMUSA/Saint Francis University
Johnstown, PA

Medical Education Beyond Frontiers...E-SEAD

Lucia Muñiz, MD
Fundación Red Hospital Virtual
Capital Federal, Argentina

A Trial of Home-based Monitoring in the Care of CHF Patients

J. Sue Myers, PhD, APN, RN
Partners Telemedicine
Boston, MA

Which Service is Most Cost-effective, 3G FOMA or HEO?

Isao Nakajima, MD, PhD
Tokai University Institute of Medical Sciences
Isehara, Japan

Virtual Surgical Telesimulations in Ophthalmology

Andrés Navarro Newball, MSc
Pontificia Universidad Javeriana
Cali, Colombia

What Can Bring Medical Simulation to Latin America?

Andrés Navarro Newball, MSc
Pontificia Universidad Javeriana
Cali, Colombia

ABC'S of Telehealth: A Training Toolkit for the NORTH Network

Angela Nickoloff, RN, BNSc
NORTH Network
Toronto, Canada

Care Coordination & Technology; Enhancing Care for the Chronic Mentally Ill

Sherron Olliff, MSW, LCSW
Department of Veterans Affairs
West Palm Beach, FL

Distance Education Support for Geographically Isolated EMS Providers

Vicki Pendleton, RN, BSN
Saint Francis University, Center of Excellence for Remote and Medically Under-Served Areas (CERMUSA)
Loretto, PA

Digital Photography as a Means of Affecting Dietary Change among People with Type 2 Diabetes: A Proof of Concept Pilot Project for an Internet-based Diabetes Management Program

Joan Perkins, MS
Joslin Diabetes Center
Boston, MA

The U.S. Army Medical Department Telehealth Program Office

COL Ronald Poropatich, MD
US Army
Bethesda, MD

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Kristjan Port, PhD
Curonia Research
Tallinn, Harjumaa Estonia

Transmission of Medical Information for MEDEVAC During Military Operations CORTIM Project

Capt Alain Puidupin
Hôpital d'instruction des armées
Laveran
Toulon-Naval, France

The AEDR Data Warehouse Provides Evidence-based Medicine and Process Management

Martin Quattlebaum, BS
ITS / U.S. Army Aeromedical Activity
Fort Rucker, AL

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Azhar Rafiq, MD, EMBA
Medical Informatics and Technology Applications Consortium (MITAC),
Virginia Commonwealth University
Richmond, VA

SERMC Absent Sick Database

Jeanette Rasche
Center for Total Access
Fort Gordon, GA

TATRC Ocular Tele-Health Workshop

Robert Read
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Remote Monitoring and Assessment of Warfighter Physiologic Status

Jaques Reifman, PhD
U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

The Doctor-Patient Relationship in the Matrix Era

Giselle Ricur, MD
Instituto Zaldivar
Mendoza, Argentina

Web-Based Elicitation of Mental Health Outcomes Among Dually Diagnosed Veterans

Lisa Roberts, PhD
Viterion TeleHealthcare
Tarrytown, NY

Validity of Telemedicine Assessment of Neurobehavioral Consequences of TBI

Laurie M. Ryan, PhD
Defense & Veterans Brain Injury Center
Walter Reed Army Medical Center
Washington, DC

Transmission of ECG & Echocardiographic Images over Internet Protocol From Remote Areas of Bhutan

Muhammad Sadiq, MD
Tokai University
Isehara, Japan

Telemedicine in Remote Areas of Bhutan; East Bhutan Telemedicine Project

Muhammad Sadiq, MD
Tokai University Institute of Medical Sciences
Isehara-shi, Japan

Telemedicine Technology Used to Decrease Nosocomial Infection in Burn Patients

Arthur Sanford, MD
Shriners Hospital for Children-
Galveston and University of Texas
Medical Branch
Galveston, TX

Networking in the 21st Century: Telehealth as a Collaboration Opportunity

Tammy Sanner
Pennsylvania Homecare Association
Lemoyne, PA

Developing a Telemedicine Program for a Large Urban Jail: "Implementing a Telemedicine Program in a Jail verses a Prison"

Joseph Scalzo, DDS, CCHP
Maricopa County Correctional Health Services
Phoenix, AZ

Improving Effectiveness and Return on Investment of Telemedicine Programs

Timothy Shimer
Telemedicine Solutions in Healthcare
Chalfont, PA

The Feasibility of Using Ultrasound and Laryngoscopy in a Mobile Telemedicine Consult

Kerry Sibert
University of Vermont College of Medicine
Burlington, VT

DiabetesWorld: Social Support for Adolescents on the Web

Linda Siminerio, RN, PhD
University of Pittsburgh
Pittsburgh, PA

A Web Based Tele dermatology Trial

Cenk Sozen, MS, PhD (c)
Baskent University
Ankara, Turkey

Parents' Communication Satisfaction with Physicians: Comparing Face-to-Face and Telemedicine Consults

Ashley Spaulding, BA
University of Kansas Medical Center
Prairie Village, KS

Measuring the Effect of Telehealth on Professional Quality of Life

B. Hudnall Stamm, PhD
Institute of Rural Health, Idaho State University
Pocatello, ID

An Evaluation of a Telemedicine verses Traditional Obstructive Sleep Apnea Management Model of Care

Yvonne Taylor, DrPH (c), RNC, MSN, FNP
Walter Reed Army Medical Center
Washington, DC

A Development Plan of the Next Generation Telepathology System

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Olympus Optical Co. Ltd.
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Methodological Basis for Distributed Web Testing of Surgical Simulators Prototypes in a Telemedicine Latin America Network - TLAN

Jorge Vélez, MD
Colombian Telemedicine Center
Cali, Colombia

Telemedicine in Latin America: Panorama, Trends and Impact

Jorge Vélez, MD
Colombian Telemedicine Center
Cali, Colombia

A Virtual Surgical Telesimulation in Micrographic Dermatological Surgery (MOHS)

Jorge Vélez, MD
Colombian Telemedicine Center
Cali, Colombia

Evaluation of Telemedical Technologies and Its Applications in the Colombian Conflict

Jorge Vélez, MD
Colombian Telemedicine Center
Cali, Colombia

Assessing Nurse-Patient Communication Using Telephone and Interactive Video

Bonnie Wakefield, PhD, RN
VA Medical Center
Iowa City, IA

Leveraging the Cable Network for Home-based HIV Disease Management

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LSU Health Sciences Center
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Walter Reed Army Medical Center/US Army
Washington, DC

Deploying an Encrypted Wireless Network For Handheld and Laptop Systems

Kenneth Wood
Capitol I.T. Solutions, Inc & U.S. Army Medical Research & Materiel Command (USAMRMC), Telemedicine & Advanced Technology Research Center (TATRC)
Fort Detrick, MD

Designing Mobile Telemedicine Applications: A Testbed and Lessons Learned

Yan Xiao, PhD
University of Maryland School of Medicine
Baltimore, MD

21st Century's Telemedicine Will Enter Into Homes

Zhihong Yao, PhD
Computing Center, Rui Jin Hospital, Shanghai Second Medical University
Shanghai, China

Telemedicine in the Combat Against SARS

Zhihong Yao, PhD
Computing Center, Rui Jin Hospital, Shanghai Second Medical University
Shanghai, China

An Online EMR System For International Telemedicine Consultation

Xiaoming Zhao, MS
Virginia Commonwealth University
Richmond, VA

TRAVEL & ACCOMODATIONS



More information is available on the ATA web site, www.americantelemed.org. Please make reservations early and be sure to mention the ATA Annual Meeting to get our special rates.

ATA has negotiated a variety of lodging packages to meet the needs of all attendees.

All hotels are within walking distance of the Convention Center and ATA will provide complimentary shuttle service from the Hyatt Regency Tampa and the Radisson Riverwalk Hotel Tampa for those who prefer transportation.

Reservations should be made directly with the hotels, not with ATA.



Marriott Waterside Hotel and Marina

700 S. Florida Ave. Tampa, FL 33602
Single/Double Occupancy
\$159.00/night
1-813-221-4900 or 800-228-9290
Fax: 1-813-221-0923

Casting its dramatic reflection onto the Bay, the Tampa Marriott Waterside stands as the newest, largest and most striking hotel in the area. Its downtown location in the emerging Channel

district and direct connection to the Tampa Convention Center makes it an ideal spot for business or pleasure. The Marriot is a first-class hotel offering every amenity.

Hyatt Regency Tampa

211 North Tampa Street
Single/ Double Occupancy \$132.00/\$ 142.00 night
1-813-225-1234 or 800-233-1234
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In the heart of business and cultural centers, near Franklin Street Pedestrian Mall, The Hyatt Regency Tampa is two blocks from the Convention Center. The hotel features a heated, outdoor pool with rooftop sundeck on 5th floor, outdoor whirlpool, and health club adjacent to the pool.



Radisson Riverwalk Hotel Tampa

200 North Ashley Drive
Tampa, FL 33602
Single/ Double Occupancy \$103.00/\$ 103.00 night
1-813-223-2222 or 800-333-3333
Fax: 1-813-273-0839

The Radisson Riverwalk Hotel Tampa is conveniently located in the heart of downtown Tampa

on the banks of the beautiful Hillsborough River, just two blocks from the Tampa Convention Center. Located on the riverfront deck is an outdoor pool, a tiki bar available for poolside dining and refreshing tropical drinks and a private 200' boat dock. For a complete workout, you may use the complimentary fitness center and sauna, or go for a jog along Tampa's historic Bayshore Boulevard, which outlines the beautiful Tampa Bay and is the world's longest continuous sidewalk totaling 7 miles

ATA 2004 ATTENDEE ADVANCE REGISTRATION FORM

May 2-5, 2004—Tampa Conventer Center, Tampa, FL

ADVANCE REGISTRATION DEADLINE: WEDNESDAY, APRIL 14, 2004

*Prefix/Rank, First Name, Last Name, Degree _____

*Title/Position _____ Specialty _____

*Organization _____

Mailing Address _____

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ATA Member ID No.: _____ ☐ I require special arrangements in order to fully participate in the meeting.

**Items to appear on name badge as submitted.*

	Up to 4/14	After 4/14	Fill in Amount
Full Registration			
Member Discount Fee	<input type="checkbox"/> \$600	<input type="checkbox"/> \$640	\$_____
Meeting Fee	<input type="checkbox"/> \$795	<input type="checkbox"/> \$835	\$_____

Student/Intern Registration

(student ID required – please enclose a copy)

Member Discount Fee	<input type="checkbox"/> \$250	<input type="checkbox"/> \$250	\$_____
Meeting Fee	<input type="checkbox"/> \$340	<input type="checkbox"/> \$340	\$_____

One-Day Registration (please choose a day):

☐ Sun 5/2 ☐ Mon 5/3 ☐ Tue 5/4 ☐ Wed 5/5

Member Discount Fee	<input type="checkbox"/> \$320	<input type="checkbox"/> \$370	\$_____
Meeting Fee	<input type="checkbox"/> \$395	<input type="checkbox"/> \$445	\$_____

Additional Networking Dinner Tickets

Tuesday, May 4th – One ticket included with a Full Registration
_____ x \$50 each. \$_____

Army Telemedicine Partnership 2004:

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Saturday, May 1 –Lunch included.

Sunday Short Courses:

Short Courses do not include lunch. Choose only one from each time slot.

Run concurrently with the Long Courses.

8:00 am – 11:30 am

Telenursing 101	<input type="checkbox"/> \$100	\$_____
Intro to Telemedicine Communications Networks	<input type="checkbox"/> \$100	\$_____
Ocular Telehealth	<input type="checkbox"/> \$100	\$_____

12:30 pm – 4:00 pm

Home Telehealth Expanding Care Beyond Hospital Walls	<input type="checkbox"/> \$100	\$_____
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Telemedicine and E-Health Law	<input type="checkbox"/> \$100	\$_____

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Long Course includes lunch. Runs concurrently with the Short courses.

Choose only one.

8:00 am – 4:00 pm

Building Successful Telemedicine Programs	<input type="checkbox"/> \$200	\$_____
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Is this your first ATA Meeting?

☐ Yes ☐ No

What are primary activities of your organization? (Check all that apply)

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Over the next twelve months, will you be buying or advising others on telemedicine equipment or service purchases?

☐ Yes ☐ No

☐ **YES, I require a visa letter of invitation**

Please provide your fax number:

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For your convenience there are three easy ways to register:

- Online:** www.americantelemed.org (credit cards only)
- Fax to:** 1-888-745-8757 (credit cards & purchase orders)
- Mail to:** American Telemedicine Association
ATTN: Registration Center
c/o Exposoft Solutions Inc.
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Mississauga, Ontario L5N 6R8, Canada

Cancellations: Cancellation requests must be received in writing by April 14, 2004 to receive a 50% refund. After April 14, 2004, there will be no refund.

Registration Questions: email info@americantelemed-register.org or call 1-888-822-1224.

Payment Information:

Registrations without complete payment will be returned.

- ☐ Purchase Order– please enclose a signed government purchase order
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