

Traumatic Amputation QUERI Workshop

Setting the Agenda for Evidence Based Best Practices and Quality Improvement Efforts

May 19-20, 2004

Amputation Research Resources and Information

A successful QUERI Center and fully developed QUERI strategic plan and project portfolio require intensive collaboration with, and awareness of, a broad range of related programs and activities within and outside VHA. This resource guide lists several of the key organizations, programs, and resources likely to be valuable in developing a comprehensive QUERI portfolio in amputation healthcare. This guide is not meant to be exhaustive, and the organizations and resources may not represent a complete list of the expertise required to accomplish the goals of a successful QUERI center. Instead, this list is designed to facilitate identification of some collaborating partners and resources, and to facilitate initial contacts to these entities.

The resources and information are classified in four major sections in this guide:

- I. **VHA Programs, Offices, and Centers**
- II. **Non-VA Programs and Centers**
- III. **Other Resources**
- IV. **Selected Publications**

SECTION I. VHA PROGRAMS, OFFICES, AND CENTERS

Several existing VHA research centers, offices/departments, and clinical care/operations programs are actively engaged in amputation-related research and the development and promotion of effective amputation-related clinical policies and practices. An Amputation QUERI Center would develop close collaborative ties with many of these programs and centers in the course of planning and conducting its research and implementation/quality improvement activities.

RR&D (Rehabilitation, Research and Development Service) Centers

VA Center of Excellence for Limb Loss and Prosthetic Engineering; Seattle, WA

<http://www.seattlerehabresearch.org/>

The mission of the Center is to provide broad based investigators the opportunity to conduct basic and clinical research and to effectively disseminate their findings in an effort to impact the quality of life and functional status of veteran amputees and veterans who are at risk for amputation.

Traumatic Amputation QUERI Workshop

This website also provides links to projects taking place at the center, center staff listings, and links to other rehab sites.

OBJECTIVES:

- Establish a community of clinical and basic scientists to pursue research objectives in the area of prosthetics and amputation; seeking ways to improve the possibility of preservation of the lower limb and its function.
- Create an effective program for prevention of limb loss by developing a better basic understanding of the deformities that lead to ulceration, the role of prophylactic correction of deformity, and the role of protective footwear.
- Improve prosthetic design by comparing suspension systems, measuring the effect of impact absorbing prosthetic shanks in below knee (BK) prostheses, and investigating the development of a powered prosthesis.
- Develop more effective outcomes tools to assess the benefits of salvage vs. amputation and the quality of life of the amputee.

VA Chicago Healthcare System – Lakeside

- Dr. Dudley Childress is the Senior Rehabilitation Research Scientist at the VA Chicago Health Care System – Lakeside (312) 238-6500, d-childress@northwestern.edu
- Dr. Steven Gard is the Research Program Director of the VA Chicago Motion Analysis Research Laboratory & Rehabilitation Engineering (312) 238-6525, sgard@northwestern.edu
- Richard F. ff. Weir, Ph.D. Professor, Research Scientist VA Chicago Health Care System (312) 238-6512, rweir@northwestern.edu

VA Chicago research and development activities are concentrated in the areas of prosthetic engineering and design, biomechanics, ambulation aids, and rehabilitation engineering. This involves the design and development of modern technological systems for amputees and other disabled people and a scientific approach to analysis and description of human movement and physical disability.

RR&D Center of Excellence on Bone and Joint Rehabilitation

The focus of the **Center of Excellence on Bone and Joint Rehabilitation** is to reduce pain and improve function in VA patients suffering from impairments involving the musculoskeletal system. The primary areas of investigation are:

- developing novel physical interventions for prevention of bone loss due to disuse, and the restoration of normal bone density,
- halting the progression of osteoarthritis, and reversal of cartilage degeneration, and
- improving the rehabilitative course and ultimate outcome of orthopedic techniques such as fracture repair and total joint replacement.

Traumatic Amputation QUERI Workshop

The Rehabilitation R&D Center also develops innovative diagnostic, training, and assistive devices for veterans with physical and/or neurologic disabilities to increase their independence and improve their quality of life.

The **Clinical Emphasis** of these efforts is to improve function and mobility in individuals with musculoskeletal or neurologic impairments.

RR&D/HSR&D Rehabilitation Outcomes Research Center; Gainesville, FL

<http://www.vard.org/rorc/index.html>

The mission of the Rehabilitation Outcomes Research Center (RORC) for Veterans with Central Nervous System Damage (CNS) is to enhance access, quality, and efficiency of rehabilitation services through interdisciplinary research and dissemination activities. Although the primary focus of the RORC is brain injury, investigators at the RORC are researching ways to enhance projected rehabilitation outcomes in other populations such as those with limb loss.

The Veteran's Administration Journal of Rehabilitation Research and Development

In 1964, the Veterans Administration, Prosthetics and Sensory Aids Service, debuted the *Bulletin of Prosthetics Research*, publishing VA-sponsored research, primarily in prosthetic and sensory aids. In 1983, the Bulletin was renamed the *Journal of Rehabilitation Research & Development* (JRRD) reflecting an expanded mission to publish cross-disciplinary findings in rehabilitation research in a fully peer-reviewed format.

<http://www.vard.org/jour/jourindx.htm>

Health Services Research and Development (HSR&D) and Quality Enhancement Research Initiative (QUERI) Centers

HSR&D Service currently funds several Centers of Excellence (COEs), four Resource Centers, and nine QUERI Centers. Information regarding each of these centers is available via the main HSR&D website (<http://www.hsr.d.research.va.gov>) and QUERI website (www.hsr.d.research.va.gov/queri). Four QUERI Centers are particularly relevant to traumatic amputations issues and care:

Diabetes (DM): http://www.va.gov/annarbor-hsr.d/queri/queri_index.htm

Mental Health (MH): <http://www.mentalhealth.med.va.gov/mhq/index.shtml>

Spinal Cord Injury (SCI): <http://www.sci-queri.research.med.va.gov/>

Stroke (STR): Please contact Amber Larsen at Amber.Larsen@med.va.gov

HSR&D resource centers provide technical assistance and consultation in areas related to (1) data and informatics (VIREC), (2) health economics (HERC), (3) management research and dissemination (MDRC) and (4) measurement (METRIC). Individual websites can be accessed via:

VIREC: http://www.hsr.d.research.va.gov/about/centers/resource_centers.cfm#virec

HERC: http://www.hsr.d.research.va.gov/about/centers/resource_centers.cfm#herc

Traumatic Amputation QUERI Workshop

MDRC: http://www.hsrd.research.va.gov/about/centers/resource_centers.cfm#mdrc

METRIC: http://www.hsrd.research.va.gov/about/centers/resource_centers.cfm#metric

Physical Medicine and Rehabilitation Service (PM&R)

VHA's Physical Medicine and Rehabilitation (PM&R) service is a physician directed, interdisciplinary team treatment process designed to increase independence and improve quality of life for persons with disabilities.

<http://www1.va.gov/health/rehab/index.htm>

PM&R programs include PACT, the Preservation/Amputation Care and Treatment Program, designed to prevent or delay amputation through early identification of patients who are at risk of limb loss.

http://www1.va.gov/health/rehab/SpecProg_PACT.htm

Office of Patient Care Services (PCS)

The Prosthetic and Sensory Aids Service (PSAS) of the Office of Patient Care Services spends approximately \$260 million to care for 1.4 million disabled veterans. PSAS provides assistive devices, prosthetic, orthotic, and sensory aids used by America's disabled veterans through a network of 163 hospitals and approximately 285 outpatient clinics nationwide.

A National Prosthetic & Sensory Aids Service, Physical Medicine & Rehabilitation, and Podiatry Service Training Conference is scheduled for May 11-13, 2004, in Chicago, Illinois.

Outcomes objectives for the conference, according to the VA, are:

- Identify the components of the Preservation-Amputation Care and Treatment (PACT) VHA Directive and strategies for compliance.
- Describe an interdisciplinary model of care for initial amputation, further amputation, and rehabilitation.
- Articulate the standards of care for limb salvage for the "at-risk" limb and rehabilitation for the amputee.
- Define the differences in approach to care for traumatic vs. non-traumatic amputations.
- Develop systems of care, specific to each medical center, designed to improve prevention efforts, limb salvage, and amputee care.
- Identify recent developments in research and technology relevant to amputee care.

"New technology, care, and treatment procedures have dramatically changed with the wave of new US war amputees," the VA noted, adding, "The transition to a seamless care and treatment delivery system is dependent upon all involved being trained and educated in a uniform manner."

Office of Patient Care Services:

http://www1.va.gov/health_benefits/page.cfm?pg=18

Traumatic Amputation QUERI Workshop

Office of Quality and Performance (OQP)

The mission of the Office of Quality and Performance (OQP) is to support clinicians, managers, and employees in providing the highest quality of care for Veterans.

Visit their website to find out more about their programs and services.

<http://vaww.oqp.med.va.gov/>

HAIG (Health Analysis and Information Group)

HAIG functions as a provider of information syntheses, analyses, report formatting, and dissemination of many types of information and tools in support of national policies, strategic planning, and decision-making process, on behalf of the Office of the Assistant Deputy Under Secretary for Health (ADUSH). HAIG develops corporate reports, proceedings, analyses, and disseminates information through the use of state-of-the-art technology including survey design, customized publications, web design/management, and advanced computer applications. We are located in Milwaukee, Wisconsin.

Lower Extremity Complications in VHA: A HAIG report in collaboration with the Diabetes QUERI

<http://vaww.va.gov/haig/AMP/AMP8999II.pdf> is Part II of a January 2001 report on amputation rates in the VA 1989-1999. The methodology section describes the report's data sources, including DM QUERI databases, NSQIP, and VA utilization data.

Other VHA Reports, Databases, and Resources

The Functional Status of Outcomes Database (FSOD)

FSOD includes patients with strokes, traumatic brain injuries, and **lower extremity limb loss**. ICD-9 codes exist to identify traumatic amputations by body part lost, but healthcare utilization by VA amputees might all end up coded as "post-traumatic/stump care". Possibly the DoD has data the new QUERI can use to identify those patients with upper extremity limb loss. Use of the FSOD needs to be approved by the Physical Medicine and Rehabilitation Service, VHA Central Office.

Dean Reker of the new Stroke QUERI is a QUERI contact for more FSOD information.

<http://vaww.va.gov/publ/direc/health/infolet/119801.htm>.

The National Prosthetics Patient Database (NPPD): A Primary Resource for Nationwide VA Durable Medical Equipment Data.

A database comprising orthotic, prosthetic, and sensory devices dispersed to Veterans Nationwide.

<http://www.virec.research.med.va.gov/References/VirecInsights/Insights-v02n3.pdf>

Traumatic Amputation QUERI Workshop

II. NON-VA CENTERS AND PROGRAMS

Clinical Centers, Research Centers, and Research Programs

The Institute for Rehabilitation and Research (TIRR)

<http://www.tirr.org/>

Link to the TIRR Amputations Rehabilitation Program: <http://www.tirr.org/rehab/?page=39>

The Rehabilitation Institute of Chicago

<http://www.ric.org/>

The Rehabilitation Institute of Chicago has been recognized as the "Best Rehabilitation Hospital in America" since 1991 by *U.S. News & World Report*. No other specialty hospital has been consecutively ranked the "Best" by *U.S. News & World Report* for so long.

Founded in 1954, RIC has earned a worldwide reputation as being a leader in patient care, advocacy, research, and educating health professionals in physical medicine and rehabilitation. People from around the globe choose RIC because of our expertise in treating a range of conditions, from the most complex conditions including cerebral palsy, spinal cord injury, stroke and traumatic brain injury, to the more common, such as arthritis, chronic pain, and sports injuries. Many people also come to RIC because of our specialized services, including Assistive Technology, Prosthetics and Orthotics and Vocational Rehabilitation which help individuals lead more independent and fulfilling lives. Another reason people choose RIC is because of our ability to provide rehabilitation care for patients of all ages - from children to adults.

The following amputation resources are available through the Rehabilitation Institute of Chicago's Life Center. Please visit the website to access the specific resources:

<http://lifecenter.ric.org/topic/1/?subtopic=269&sort=title&count=all>

Subtopics



New Additions

All Resources

[A Survivor's Guide For The Recent Amputee](#)

Reviewed
November 2003

Booklet

[Above- Knee Amputation](#)

Reviewed
March 2003

Booklet

[Advanced Gait Training for Lower Extremity Amputee Patients](#)

Reviewed
January 2003

Video Tape

[Advances in Skin and Wound Care](#)

Reviewed
February 2003

Journal

Traumatic Amputation QUERI Workshop

<u>American Journal of Occupational Therapy</u>	Reviewed February 2003	Journal
<u>American Journal of Physical Medicine & Rehabilitation</u>	Reviewed February 2003	Journal
<u>Amputee Coalition of America</u>	Updated February 2002	Support Groups
<u>An Innovative Removable Rigid Dressing for Below-Knee Amputees</u>	Reviewed January 2003	Video Tape
<u>Atlas of Limb Prosthetics : Surgical, Prosthetic, and Rehabilitation Principles</u>	Reviewed February 2003	Book
<u>Atlas of Orthoses and Assistive Devices</u>	Reviewed April 2002	Book
<u>Below-Knee Amputation</u>	Reviewed March 2003	Booklet
<u>Bilateral Shoulder Disarticulation: Self-care and Use of Complementary Hybrid Prostheses</u>	Reviewed January 2003	Video Tape
<u>Capabilities</u>	Reviewed November 2003	Newsletter
<u>Childcare with Bilateral Transradial Amputations</u>	Reviewed April 2003	Video Tape
<u>Children with Limb Loss</u>	Reviewed April 2003	Booklet
<u>Clinical Orthopaedics and Related Research</u>	Reviewed February 2003	Journal
<u>Description of Rehabilitation Roles and Services</u>	Reviewed March 2004	Info Sheet - RIC
<u>Families and Amputees In Motion</u>	Reviewed April 2003	Newsletter
<u>First Step</u>	Reviewed November 2003	Booklet
<u>For The New Amputee</u>	Reviewed November 2003	Booklet
<u>In Motion</u>	Reviewed November 2003	Magazine

Traumatic Amputation QUERI Workshop

<u>Joint Structure & Function</u>	Reviewed May 2003	Book
<u>Journal of Orthopaedic & Sports Physical Therapy</u>	Reviewed February 2003	Journal
<u>LaRabida Children's Hospital</u>	Reviewed August 2003	Community Resource
<u>Little Tree</u>	Reviewed April 2003	Book
<u>Lower Extremity Amputation</u>	Reviewed February 2003	Book
<u>Lower Limb Amputations : A Guide to Rehabilitation</u>	Reviewed February 2003	Book
<u>Management of Residual Limbs after Amputation Using Elastic Stockinette and Removable Rigid Dressing</u>	Added January 2003	Video Tape
<u>MEDLINEPlus Health Information: Disabilities</u>	Reviewed March 2004	Info Sheet-Download
<u>Model of an Arm and Shoulder</u>	Reviewed July 2003	Model
<u>Model of the Muscular Anatomy of the Leg</u>	Reviewed July 2003	Model
<u>Northwestern University Prosthetics Research Laboratory & Rehabilitation Engineering Program</u>	Reviewed July 2003	Booklet
<u>NUPRL & RERP Activity Report</u>	Reviewed January 2003	Book
<u>Orthotics Etcetera</u>	Reviewed February 2003	Book
<u>Overcoming Adversity</u>	Reviewed August 2003	Video Tape
<u>Patient Care Booklet for Above-Knee Amputees</u>	Reviewed June 2002	Booklet-Spanish
<u>Patient Care Booklet for Below-Knee Amputees</u>	Reviewed June 2002	Booklet
<u>Physical Medicine & Rehabilitation - Pearls of Wisdom Review</u>	Reviewed March 2003	Book

Traumatic Amputation QUERI Workshop

<u>Physical Medicine and Rehabilitation Clinics of North America: Health and Function in Childhood Disability</u>	Reviewed February 2003	Journal
<u>Physical Medicine and Rehabilitation: State of the Art Reviews</u>	Reviewed February 2003	Journal
<u>Physiotherapy for Amputees</u>	Reviewed March 2003	Book
<u>Pre-Prosthetic Care for Above-Knee Amputees</u>	Reviewed March 2003	Booklet
<u>Pre-Prosthetic Care for Below-Knee Amputees</u>	Reviewed March 2003	Booklet
<u>Prosthetic Fitting and Self-Care Skills in a Bilateral Above-Elbow Traumatic Amputee</u>	Reviewed April 2003	Video Tape
<u>Prosthetics and Orthotics</u>	Reviewed November 2003	Book
<u>Rehabilitation Institute of Chicago</u>	Reviewed January 2003	Community Resource
<u>Rehabilitation Institute of Chicago - Day Rehabilitation Programs</u>	Updated July 2002	Community Resource
<u>Rehabilitation Institute of Chicago - Dixon Education & Training Center</u>	Updated Jul 2002	Class/Program
<u>Rehabilitation Institute of Chicago - Early Intervention Program (EIP)</u>	Updated July 2002	Community Resource
<u>Rehabilitation Institute of Chicago Amputee Program Introduction: English</u>	Reviewed June 2003	Handout
<u>Rehabilitation Institute of Chicago Amputee Program Introduction: Spanish</u>	Reviewed February 2003	Handout
<u>Rehabilitation Institute of Chicago-Research</u>	Updated March 2002	Research Study
<u>Rehabilitation of the Hand : Surgery and Therapy</u>	February 2003	Book
Rehabilitation of the Hand:	Reviewed	Book

Traumatic Amputation QUERI Workshop

<u>Surgery and Therapy: Volume 1</u>	February 2003	
<u>Shriners Hospital for Children</u>	Reviewed August 2003	Community Resource
<u>TeleAbility</u>	Reviewed April 2003	Newsletter
<u>The Making of My Special Hand</u>	Reviewed March 2003	Book
<u>Up and Running</u>	Reviewed June 2003	Book

Walter Reed Army Medical Center and Department of Veterans Affairs Amputee Healthcare & Prosthetics Workshop

November 17 - 18, 2003

<http://www.varc.org/meet/wramc03.htm>

Walter Reed Army Medical Center and the Department of Veterans Affairs organized a November 2003 workshop to develop ideas and collaborations aimed at addressing the nation's growing need for innovative and functional prostheses. Copies of the workshop agenda, presentations, and additional materials are available from the workshop website (listed above).

Cochrane Musculoskeletal Injuries Group

<http://www.cochrane.org/cochrane/revabstr/g05jindex.htm>

Voluntary Health Organizations, Veterans Service Organizations (VSOs)

Amputee Coalition of America

http://www.amputee-coalition.org/aca_about.html

The Amputee Coalition of America (ACA) is a national, non-profit amputee consumer educational organization representing people who have experienced amputation or are born with limb differences. The ACA includes individual amputees, amputee education and support groups for amputees, professionals, family members and friends of amputees, amputation or limb loss related agencies, and organizations.

ACA activity update reports are now being made available to everyone via the ACA Web site and inMotion magazine. Visit the website for our introductory report which is a brief review of what the ACA is currently doing and how it accomplishes its goals.

The ACA was incorporated in 1989 and is governed by a Board of Directors, the majority of whom are amputees. The ACA operates on the strongly held principle that education enables individuals who have lost a limb to participate knowledgeably in decisions about their own care, services and outcomes. To achieve their highest potential, people with limb loss must play the

Traumatic Amputation QUERI Workshop

central role in decisions affecting their lives. Only then can they fully embrace life and its limitless opportunities for self-fulfillment. The ACA exists to provide this education.

Rehabilitation researchers

http://www.amputee-coalition.org/llrsp/llrsp_researchers_rehab.html

Traumatic Amputation

http://www.amputee-coalition.org/llrsp/llrsp_researchers_traumatic.html

National Limb Loss Information Center (NLLIC) – funded by CDC

http://www.amputee-coalition.org/nllic_about.html

- Maintain virtual, limb loss and vertical file libraries – we are currently seeking funding to combine and expand our libraries to become the most comprehensive bibliographic database of limb loss publications – to be available on the ACA Web site.
- Develop and execute Health Care Providers (HCP) program – a full-day seminar to update healthcare providers on new and accepted techniques and technology used in the care of amputees. The main purpose is to improve outcomes for consumers.
- Develop and execute the Limb Loss Education & Awareness Program (LLEAP) – a program to educate schoolchildren about people with disabilities, amputees in particular, which is currently being field-tested.
- Develop and execute the Youth Activities Program (YAP) – with increased funding from Ohio Willow Wood, this program will now include three regional fitness programs in addition to the annual ACA camp, list serve and youth inMotion.
- Maintain National Peer Network (NPN) and conduct peer visitation training – with the newly revised training manual. Plans are currently underway to conduct a certified trainer workshop at the 2002 ACA Educational Conference in Anaheim, California. The NPN also maintains a database of trained peer visitors.
- Maintain contact with and provide information for support group leaders and regional representatives. The Communicator is published bimonthly for regional representatives and support group leaders. Regional representatives visit the Knoxville office for an annual meeting. The ACA is linked to approximately 260 support groups across the country.
- Maintain the toll-free hotline – manned by information specialists trained to answer questions for consumers, their families and healthcare providers.
- Support outreach to national healthcare agencies to strengthen partnerships with ACA – *in an ongoing effort to educate and partner with other allied nonprofit healthcare organizations serving the limb loss community, the ACA exhibits at more than 20 national healthcare conferences.*
- Provide services for persons with vision and hearing impairments and the Spanish-speaking community.
- Develop and maintain a Web site.

Limb Loss Research and Statistics Program (LLR&SP) – funded by CDC and in partnership with Johns Hopkins Schools of Public Health and Medicine

Traumatic Amputation QUERI Workshop

<http://www.amputee-coalition.org/llrsp/>

Mission: The mission of Limb Loss Research and Statistics Program (LLR&SP) is to advance our understanding of the incidence, epidemiology, and consequences of limb loss and limb deficiency; and to facilitate communication and collaboration among researchers. Its purpose is to conduct and disseminate research that will impact the prevention of secondary conditions, and thus contribute to improved quality of life for persons affected with limb loss and limb deficiency.

Program: The Limb Loss Research and Statistics Program (LLR&SP) was established in 1999 as a partnership involving John Hopkins School of Public Health, the Amputee Coalition of America, and the Centers for Disease Control Prevention (CDC). Its objective is twofold:

- To advance our understanding of the incidence, epidemiology, and consequences of limb loss and limb deficiency.
- To facilitate communication and collaboration among researchers involved in the prevention of secondary conditions and disabilities among people with limb loss and limb deficiency.

The program is funded by the CDC and is guided by a Consumer Advisory Panel and a National Advisory Committee of leading researchers and health professionals with expertise in limb loss and limb deficiency.

Activities:

- 1.** Collect, compile, and analyze information relevant to the incidence and prevalence of limb loss and limb deficiency on a national, regional, and state/local basis.
- 2.** Characterize the population of persons with limb loss by etiology/causality, functional effects, co-morbidities, and affected limb site variables.
- 3.** Develop an epidemiologic capacity to understand and characterize the incidence and prevalence of secondary conditions in persons with limb loss.
- 4.** Identify, compile, and facilitate access to research literature and resources on the prevention of secondary conditions and health promotion strategies regarding limb loss, and establish a communication process to disseminate prevention information to research entities including collaboration with the National Limb Loss Information Center.
- 5.** Develop a model limb loss and amputation surveillance system.
- 6.** Collaborate with other organizations on the design and/or implementation of programs meriting replication in other settings, recognizing appropriate cultural sensitivity and controlled by a formal program evaluation protocol.
- 7.** Establish relationships and client access linkage with public, community, advocacy, voluntary agencies, and provider organizations that serve the limb loss population, in order to understand secondary conditions from the personal perspective of persons who have experienced amputation or congenital limb absence.
- 8.** Collect and report information on community programs related to limb loss including complications from surgery, comparisons of clinical and community programs geared toward preventing secondary conditions, vocational and educational outcomes in the limb loss population, gaps in services and data, and provider training needs.

Traumatic Amputation QUERI Workshop

LLR&SP Staff (Limb Loss Research & Statistics Program)

http://www.amputee-coalition.org/llrsp/llrsp_staff_advisors.html

Newsletter:

LLR&SP Update is the official newsletter of the Limb Loss Research and Statistics Program. http://www.amputee-coalition.org/llrsp/llrsp_update.html

This newsletter will be published periodically to inform researchers and the general public of the LLR&SP research team's progress.

Other literature from ACA:

ACA believes that knowledge empowers amputees to reach their maximum potential in all areas of life. To keep amputees informed, the ACA provides:



inMotion, an award-winning bimonthly magazine that addresses the needs and concerns of amputees and those who care for and about them. View the stories and features of the current issue and obtain information about advertising with inMotion. Selected articles from past issues are available in the NLLIC Library Catalog.



First Step - A Guide for Adapting to Limb Loss, an award-winning biennial publication for the new amputee, containing articles on the physical and emotional stages of the amputation process - from surgery to regaining an active and full life.



The Communicator, a bimonthly newsletter for amputee support group leaders.

Member Support Group Manual, for member support groups only.

Booklets, pamphlets and videos addressing specific topics of concern to amputees.

Disabled American Veterans

www.dav.org

Mission Statement:

Made up exclusively of men and women disabled in our nation's defense, the Disabled American Veterans (DAV) is dedicated to one, single purpose - building better lives for America's disabled veterans and their families. This mission is carried forward by:

Traumatic Amputation QUERI Workshop

- Providing free, professional assistance to veterans and their families in obtaining benefits and services earned through military service and provided by the Department of Veterans Affairs (VA) and other agencies of government;
- Providing outreach concerning its program services to the American people generally, and to disabled veterans and their families specifically;
- Representing the interests of disabled veterans, their families, their widowed spouses and their orphans before Congress, the White House and the Judicial Branch, as well as state and local government;
- Extending DAV's mission of hope into the communities where these veterans and their families live through a network of state-level Departments and local Chapters; and
- Providing a structure through which disabled veterans can express their compassion for their fellow veterans through a variety of volunteer programs.

Chairman	Edward R. Heath, Sr. Maine
Vice-Chairman	James E. Sursely Florida
Secretary	Arthur H. Wilson Kentucky
Treasurer	Jerome Krejci Minnesota
Director	Thomas F. Mazza New York
Director	John F. Regan Massachusetts
Director	Bobby G. Williams North Carolina

DAV articles of interest:

http://www.dav.org/news/news_20020513d.html

http://www.dav.org/magazine/magazine_archives/2002-2/dav_charitable_s1990.html

The National Amputation Foundation

<http://www.nationalamputation.org/>

The National Amputation Foundation was founded in 1919 by a group of amputee veterans who suffered the loss of limb or limbs in the service of our country in World War I. From its inception, the Foundation was aware of the needs unique to amputees and therefore, dedicated all

Traumatic Amputation QUERI Workshop

its efforts to helping all veteran amputees. Since then, the Foundation has expanded its facilities to include civilian amputees as well.

They offer programs and services to amputees including:

- Information on recreational activities for amputees.
- Booklets and pamphlets that provide information, specific to the needs of above-the-knee, below-the-knee, and arm amputees.
- Providing hospital visits and running bingo games.
- Contact information for Veterans Benefits.
- Referral service to other amputee organizations.

Press Release

<http://nationalamputation.org/pr1.doc>

This link is a press release describing the National Amputation Foundation's Amp-to-Amp Program which was recently reactivated. A contingent of Vietnam era amputees visited Iraqi War Veteran amputees at Walter Reed Army Medical Center (ARMC). This program brings amputees together to share experiences and provide information on what to expect, what they could do as amputees and the benefits that are available to them. It is an important service to our service men and women who have experienced the loss of a limb during combat.

President: Al Pennacchia
40 Church Street
Malverne, NY 11565
Phone: (516) 887-3600
Fax: (516) 887-3667
e-mail: amps76@aol.com

Medical Societies

American Academy of Physical Medicine and Rehabilitation (AAPMR) is a national medical society representing more than 7,000 physicians who are specialists in the field of physical medicine and rehabilitation. They are called physiatrists (fizz ee at' trists). Physiatrists focus on restoring function. Physiatrists treat some 50,000 new amputees each year; about one-third were a result of trauma and two-thirds were from vascular diseases, usually diabetes.

<http://www.aapmr.org/>

SECTION III. OTHER RESOURCES

Medscape provides access to more than 50 medical journals and textbooks, physician optimized MEDLINE, and professional medical news from Reuters, Medscape Medical News, and medical news journal publishers. <http://www.medscape.com/px/urlinfo>

Traumatic Amputation QUERI Workshop

National Library of Medicine's PubMed includes over 14 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources. <http://www.ncbi.nlm.nih.gov/PubMed/>

oandp.com is an Internet portal dedicated to providing comprehensive information and services to the orthotics and prosthetics profession. <http://www.oandp.com/>

***The RECAL database** is produced by the National Center for Training and Education in Prosthetics and Orthotics at the University of Strathclyde, Glasgow, Scotland. This extensive database currently contains 65,000 bibliographic records in the field of prosthetics, orthotics, and related rehabilitation engineering.

The system combines full-text retrieval software with the data, which allows the user to search on any word or phrase in the RECAL Thesaurus of preferred terms. The RECAL Thesaurus is a classified listing of preferred terms in the field of prosthetics, orthotics, and physical medicine and rehabilitation compiled to international standards, now in its third edition. The university uses the thesaurus to index records from over 130 journals.

Each record contains a citation and a brief abstract. Records may be printed or stored to disk. The database is available, for a fee, on compact disc or by electronic delivery via the Internet. <http://www.strath.ac.uk/Departments/NatCentre/>

The Rehabilitation Engineering and Prosthetic and Orthotic Center of Northwestern University hosts the Article Index, a listing of articles published by Northwestern University Prosthetic Research Laboratory and Rehabilitation Engineering Research Program from 1972 to 1999. This index, last updated in August of 2000, concentrates on research dedicated to the improvement of prosthetic and orthotic design, as well as manufacturing processes for prosthetic/orthotic systems. <http://www.repoc.northwestern.edu/>

Amputee Web Site

<http://www.amputee-online.com/amputee/welcome.html>

SECTION IV. SELECTED PUBLICATIONS

Journal of Rehabilitation Research and Development Vol. 36 No. 2, April 1999
Utilization of prostheses among US veterans with traumatic amputation: A pilot survey
Richard A. Sherman, PhD
Orthopedic Surgery, Madigan Army Medical Center, Tacoma WA 98432-5000
<http://www.vard.org/jour/99/36/2/sherm362.htm>

National Institutes of Health

NIH News Release—Similar Outcomes for Limb Reconstruction and Amputation After Trauma.

Traumatic Amputation QUERI Workshop

Tuesday, December 17, 2002

<http://www.nih.gov/news/pr/dec2002/niams-17.htm>

Journal of Rehabilitation Research and Development

UPPER LIMB AMPUTEE SERVICES: THE VA APPROACH AS A MODEL SERVICE SYSTEM

Trilok N. Monga, MD; William H. Donovan, MD; Diane J. Atkins, OTR; Mara D. Novy, BSE
Houston VA Medical Center, Houston, Texas 77030; Amputee Program, The Institute for
Rehabilitation and Research, 1333 Moursund, Houston, Texas 77030

Sponsor: Department of Veterans Affairs, VA Rehabilitation Research and Development Service,
Washington, DC 20420 (Project #A855-RA)

<http://www.vard.org/prog/96/ch01/pr96004.htm>

MacLachlan M, Gallagher P. Enabling Technologies: body image and body function. Churchill
Livingstone, Edinburgh, 2004.

Gallagher P, MacLachlan M. The development and psychometric evaluation of the Trinity
Amputation and Prosthesis Experience Scales (TAPES). *Rehabilitation Psychology* 2000;45:130-
55.

Rybarczyk B, Szymanski L, Nicholas JJ. Limb Amputation. In Fink RG and Elliott TR:
Handbook of Rehabilitation Psychology. Washington DC: American Psychological Association,
2000; 29-47.

Gallagher P, MacLachlan M. Adjustment to an artificial limb: A qualitative perspective. *Journal
of Health Psychology*, 2001a 61:85-100.