

## Multiple and Quadrimembral Limb Difference

September 2008

This monthly publication is designed to inform you of resources the NLLIC has to offer on a chosen topic. Please feel free to distribute to those who may find this useful. We also welcome your comments and topic suggestions! Contact us via e-mail at [library@amputee-coalition.org](mailto:library@amputee-coalition.org).

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Note: Also see these “Topic of the Month” editions on [upper extremity](#), [bilateral upper extremity](#), [bilateral lower extremity](#), [below-knee](#) and [above-knee](#) limb loss for more information about upper and lower extremity prostheses options, resources, articles and rehabilitation.

### Books

**Atlas of Amputations and Limb Deficiencies: Surgical, Prosthetic and Rehabilitation Principles** / American Academy of Orthopaedic Surgeons; edited by Douglas G. Smith, John W. Michael, and John H. Bowker. 3rd edition. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2004. ISBN 0-89203-313-4. This atlas is a comprehensive reference on the surgical, prosthetic and rehabilitative management of adults and children who have lost a limb or who have congenital limb loss. This source contains many images and illustrations. See chapter from 1992 edition online, “**Special Considerations: The Multiple-Limb-Deficient Child**”: [www.oandplibrary.org/alp/chap36-01.asp](http://www.oandplibrary.org/alp/chap36-01.asp)

**My Life in My Hands** / Alison Lapper and Guy Feldman. London: Simon & Schuster, 2005. ISBN: 0743275586. Alison Lapper, British artist, was born in 1965 without arms and shortened legs, the result of a medical condition called phocomelia. The first 19 years of her life were spent in residential institutions for people with impairments, and the story of those years and her subsequent success as an artist and public figure can be found in her autobiography, *My Life in My Hands*.

**No Excuses: The True Story of a Congenital Amputee Who Became a Champion in Wrestling and in Life** / Kyle Maynard. Washington, DC: Regnery Pub.; Lanham, MD: Distributed to the trade by National Book Network, 2005. ISBN: 0-89526-011-5. ESPY Winner Kyle Maynard was born with a limb difference, his arms ending at his elbows and his legs at his knees. This book chronicles his life and details how Kyle

### Resource Types:

Books  
[inMotion Articles](#)  
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### Library OPAC

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enjoyed competing in football and wrestling throughout middle and high school. Kyle went on to wrestle for the Georgia Bulldogs in college.

**No One's Perfect** / Hirotada Ototake; translated by Gerry Harcourt. 1st paperback ed. Tokyo; New York: Kodansha International, 2003. ISBN: 4770027648. This is the inspirational story of a young Japanese man, Hirotada Ototake, who was born without arms or legs. He talks about his experiences growing up with a disability. He attended a mainstream school and was successful in academics and at athletics. In his college years, Ototake became an activist, speaking and writing about the need to create a barrier-free environment for those with disabilities.

**Venus on Wheels: Two Decades of Dialogue on Disability, Biography, and Being Female in America** / Gelya Frank. 1st edition. Berkley: CA; University of California Press, 2000. ISBN: 0520217160. In 1976, Gelya Frank began writing about the life of Diane DeVries, a woman born with all the physical and mental equipment she would need to live in our society - except arms and legs. Frank was 28 years old, DeVries 26. This remarkable book - by turns moving, funny, and revelatory - records the relationship that developed between the women over the next 20 years. An empathic listener and participant in DeVries's life and a scholar of the feminist and disability rights movements, Frank argues that Diane DeVries is a perfect example of an American woman coming of age in the second half of the 20th century.

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## ***inMotion* Articles**

**Alternatives: Life Without Artificial Limbs** / Jan Garrett. Knoxville, TN: Amputee Coalition of America, 1998. Article from *inMotion*, January / February 1998. Jan Garrett, JD, who has a congenital absence of all four limbs, discusses adaptive alternatives to artificial limbs and solicits reader ideas.  
[www.amputee-coalition.org/inmotion/jan\\_feb\\_98/lfwolmb.html](http://www.amputee-coalition.org/inmotion/jan_feb_98/lfwolmb.html)

**Alternatives: Life Without Artificial Limbs: Relationships: The Perfect Match** / Jan Garrett. Knoxville, TN: Amputee Coalition of America, 1998. Article from *inMotion*, November / December 1998. Jan Garrett, JD, discusses how the support of her family was a solid foundation for future relationships.  
[www.amputee-coalition.org/inmotion/nov\\_dec\\_98/altern.html](http://www.amputee-coalition.org/inmotion/nov_dec_98/altern.html)

**A Force of Nature** / Bill Dupes. Knoxville, TN: Amputee Coalition of America, 2005. Article from *inMotion*, May / June 2005. At the age of 14, Nick lost all four limbs to meningitis, which he contracted at summer camp. This is the story of how he has overcome obstacles and is thriving today.  
[www.amputee-coalition.org/inmotion/may\\_jun\\_05/forceofnature.html](http://www.amputee-coalition.org/inmotion/may_jun_05/forceofnature.html)  
[www.amputee-coalition.org/inmotion/may\\_jun\\_05/forceofnature.pdf](http://www.amputee-coalition.org/inmotion/may_jun_05/forceofnature.pdf)

**A New Life: This One-Time Basketball Star Doesn't Look Back** / Rayna DuBose. Knoxville, TN: Amputee Coalition of America, 2008. Article from *inMotion*, July / August 2008. A college student and basketball star relies on her strength and determination to recover from the loss of both hands and feet to meningococcal meningitis. She embraces her "new life" that is now destined for other feats besides basketball.  
[www.amputee-coalition.org/inmotion/jul\\_aug\\_08/new\\_life.html](http://www.amputee-coalition.org/inmotion/jul_aug_08/new_life.html)  
[www.amputee-coalition.org/inmotion/jul\\_aug\\_08/new\\_life.pdf](http://www.amputee-coalition.org/inmotion/jul_aug_08/new_life.pdf)

**On the Job With Roy Brown** / Nancy Carroll. Knoxville, TN: Amputee Coalition of America, 1998. Article from *inMotion*, September / October 1998. A profile of Roy Brown, a man who lost both legs above the ankles, his left hand and the fingers and thumb on his right hand from a severe infection and blood disorder. Roy has gone on to start Tri-County Barrier Busters and a support group in the Chattanooga / North Georgia area.

[www.amputee-coalition.org/inmotion/sep\\_oct\\_98/roybrown.html](http://www.amputee-coalition.org/inmotion/sep_oct_98/roybrown.html)

**Prosthetic “Tools” Should Suit the Individual** / Jan Garrett. Article from *inMotion*, June / July 1997. Jan Garrett talks about her experiences with prosthetics growing up and her decision to use adaptive devices instead.

[www.amputee-coalition.org/inmotion/jun\\_jul\\_97/garret.html](http://www.amputee-coalition.org/inmotion/jun_jul_97/garret.html)

[www.amputee-coalition.org/inmotion/jun\\_jul\\_97/garret.pdf](http://www.amputee-coalition.org/inmotion/jun_jul_97/garret.pdf)

**The Strength to Carry On: Amputees Share Their Secrets of Success** / Rick Bowers. Knoxville, TN: Amputee Coalition of America, 2006. Article from *inMotion*, September / October 2006. This article highlights people who share their experiences as new amputees. Jessica shares her secret to getting back on her “feet” after losing both legs above the knee in a car accident. Manuel, 25, says that it took him two years to get over the anger after losing all four limbs in an electrical accident at work.

[www.amputee-coalition.org/inmotion/sep\\_oct\\_06/strength\\_to\\_carry.html](http://www.amputee-coalition.org/inmotion/sep_oct_06/strength_to_carry.html)

[www.amputee-coalition.org/inmotion/sep\\_oct\\_06/strength\\_to\\_carry.pdf](http://www.amputee-coalition.org/inmotion/sep_oct_06/strength_to_carry.pdf)

Spanish: [www.amputee-coalition.org/spanish/inmotion/sep\\_oct\\_06/strength\\_to\\_carry.html](http://www.amputee-coalition.org/spanish/inmotion/sep_oct_06/strength_to_carry.html)

Spanish: [www.amputee-coalition.org/spanish/inmotion/sep\\_oct\\_06/strength\\_to\\_carry.pdf](http://www.amputee-coalition.org/spanish/inmotion/sep_oct_06/strength_to_carry.pdf)

**A Voice of Her Own** / Zahra Meghani. Knoxville, TN: Amputee Coalition of America, 1999. Article from *inMotion*, September / October 1999. *inMotion* interviewed Jan Garrett's mother, Ann Taylor, from the perspective of parenting a child with multiple disabilities. Today, Jan Garrett is a disability rights attorney, happily married, independent, and living a full life. She has been a frequent contributor to *inMotion*, penning the "Alternatives" columns in 1998 and other works. Early in life, Jan chose not to wear prostheses.

[www.amputee-coalition.org/inmotion/sep\\_oct\\_99/voice.html](http://www.amputee-coalition.org/inmotion/sep_oct_99/voice.html)

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## Other Articles

**4-Limb Amputee Sees New Life as 'Another Chance'** / Gail Fisher. *USA Today*, April 7, 2007. Profile of teacher Jeff Lewis, who lost both legs below the knee and arms below the elbow when he became ill with a staph infection. In less than nine months - wearing four prostheses - he was back in his classroom. Now he golfs, participates in walk-a-thons and is a certified peer visitor for the Amputee Coalition of America.

[www.usatoday.com/news/health/2007-04-08-amputee-inspiration\\_N.htm](http://www.usatoday.com/news/health/2007-04-08-amputee-inspiration_N.htm)

**Portrait of an Activist: Sean Brame** / Morgan Sheets. *O & P Edge*, August 2007. In May 2005, at age nine, Brame became a quadrilateral amputee from septic shock following an ankle injury while playing soccer. But nothing could keep Brame down. Less than a year after losing his limbs, Brame rejoined his soccer team. Brame also has been a big part of the effort to advance prosthetic parity in Pennsylvania.

[www.oandp.com/edge/issues/articles/2007-08\\_12.asp](http://www.oandp.com/edge/issues/articles/2007-08_12.asp)

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## PubMed

**Critical Illness and Amputation in Meningococcal Septicemia: Is Life Worth Saving?** / Allport T, Read L, Nadel S, Levin M.. Citation to Article: *Pediatrics*, 2008 Sept; 122(3):629-32.

[www.ncbi.nlm.nih.gov/pubmed/18762534](http://www.ncbi.nlm.nih.gov/pubmed/18762534)

**Management of the Multiple Limb Amputee** / Davidson JH, Jones LE, Cornet J, Cittarelli T. Citation to Article: Disability and Rehabilitation, 2002 Sept 10; 24(13):688-99. [www.ncbi.nlm.nih.gov/pubmed/12296984](http://www.ncbi.nlm.nih.gov/pubmed/12296984)

**Rehabilitation of a Child with Meningococcal Septicemia and Quadrilateral Limb Loss: A Case Report** / Lowe KG, Boyce JM.. Citation to Article: Archives of Physical Medicine & Rehabilitation, 2004 Aug; 85(8):1354-7.  
[www.ncbi.nlm.nih.gov/pubmed/15295765](http://www.ncbi.nlm.nih.gov/pubmed/15295765)

**Rehabilitation of a Quadruple Amputee Subsequent to Electrical Burns Sustained Whilst Hang Gliding** / Davidson J, Champion S, Cousins R, Jones L. Citation to article: Disability and Rehabilitation, 2001 Jan; 20;23(2):90-5.  
[www.ncbi.nlm.nih.gov/pubmed/11214721](http://www.ncbi.nlm.nih.gov/pubmed/11214721)

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## Videos & CD-ROMs

**Alison's Baby** / Bente Milton. Denmark: Milton Media, 2001. Born without arms and with truncated legs, Alison Lapper is aware of the problems posed by physical disadvantages. A versatile artist who works in several media, including painting and photography, this documentary profiles the 34-year-old British artist who refuses to let her extreme physical limitations prevent her from having and caring for a child. Beginning with her courageous decision to go through with the unplanned pregnancy, the documentary reveals Lapper's indomitable character as she goes through a Caesarian section birth and later starts to care for her newborn infant, Parys.

**Children of Gaia** / Bente Milton; produced by Milton Media in co-production with the Danish Film Institute & TV2--Denmark. [S.l.]: Milton Media [production company]; Princeton, N.J.: Films for the Humanities & Sciences [distributor], 1999. VHS. Venerated by the ancients, considered demonic during the Middle Ages, and subjected to eugenics experiments in Nazi Germany, people with birth defects have always evoked strong feelings. Set within the context of historical changes in both society and science, this extraordinary documentary narrated by well-known actor Nabil Shaban respectfully explores the implications and effects of extreme physical challenges. Powerful personal narratives, plus a history of human deformity traced from ancient times through World War II, create a comprehensive and balanced picture of those whose lives have been altered by undeveloped limbs, facial disfigurement, or dwarfism. The program also addresses the growing likelihood that prenatal testing and advances in gene technology may make the current generation of those with physical challenges the last. The film features Alison Lapper who was born with no arms and reduced legs.

**Melanie's Story** / Interactive Drama Inc. Bethesda, MD: Interactive Drama Inc., 2000. CD-ROM. Melanie Benn is a quadruple amputee (bilaterally through both knees and bilaterally below each elbow). She lost her limbs to meningococemia, a rare blood infection, while on Christmas break from college. Melanie has mastered the use of both upper- and lower-limb prostheses, has learned to drive an adapted car, and has continued her studies.

**Murderball** / ThinkFilm and MTV Films present, in association with A&E Indie Films; an EAT Film production; a film by Dana Adam Shapiro, Jeffrey Mandel, Henry Alex Rubin. Distributed by ThinkFilm, c2005. DVD. Documents the personal stories and fierce competition of American and Canadian wheelchair rugby players as they struggle toward the 2004 Paralympic Games in Athens, Greece. One of the many team members is Bob Lujano, a quadruple amputee. On January 7, 1979, he lost limbs below the elbow and above the knee due to a rare blood disease called Meningococemia, which is a rare form of meningitis.

## Web sites

### **Amputee Coalition of America**

This Web site provides a wealth of information to all amputees. From the National Limb Loss Information Center (NLLIC) page, search the library for more resources, call the toll-free hotline for information or submit a question online.

[www.amputee-coalition.org](http://www.amputee-coalition.org)

**Association of Children's Prosthetic-Orthotic Clinics (ACPOC).** Rosemont, IL: ACPOC, 2001. ACPOC is an association of professionals who are involved in clinics that provide prosthetic-orthotic care for children with limb loss or orthopaedic disabilities.

[www.acpoc.org](http://www.acpoc.org)

**International Child Amputee Network I-CAN!** / Bill Baughn. 1996-. This Web site contains information about an Internet mailing list that provides information and support contacts to children with absent or underdeveloped limbs and their parents.

[child-amputee.net/index.htm](http://child-amputee.net/index.htm)

### **LimbDifferences.org: an online resource for families and friends of children with limb differences.**

[ United States]: LimbDifferences.org, 2002-. This site is a continuation of the super-kids.org Web site and newsletter. The site aims to provide practical information as well as emotional support for families and friends of children with limb differences.

[www.limbdifferences.org](http://www.limbdifferences.org)

**LessThanFour.org: An Online Community for Amputees** / Josh Sundquist. [United States]: Less Than Four, [200-]-. Less Than Four is an online social network for amputees around the world. People with limb differences gather here to ask questions, find answers and connect with one another. Talk with other amputees online.

[www.lessthanfour.org](http://www.lessthanfour.org)



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