



FEBRUARY 2010

The NLLIC provides results of a monthly search on amputation and related topics from National Library of Medicine's PubMed® on the web. The purpose of this list is to highlight professional literature on the subject of amputation. If you would like to receive this list via email, contact Molly Moore at library@amputee-coalition.org.

Search topics include cancer, congenital limb deficiency, diabetes, dysvascular disease, outcomes research, prosthetics and orthotics, psychology, rehabilitation, surgery, trauma and secondary conditions such as pain, obesity, emotional recovery, and smoking.

More resources are also available on the ACA web site's [online library](#), an invaluable resource for amputees, medical professionals, and others with limb loss that are seeking specific information.



Available Topics:

- Cancer
- Congenital Limb Difference
- Diabetes
- Dysvascular
- Multicultural
- Other
- Outcomes Research
- Pain
- Prosthetics & Orthotics
- Psychology/Emotion
- Rehabilitation
- Secondary Conditions
- Surgery
- Trauma



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Cancer

Psychosocial and functional outcomes in long-term survivors of osteosarcoma: A comparison of limb-salvage surgery and amputation.

Robert RS, Ottaviani G, Huh WW, Palla S, Jaffe N.
Pediatr Blood Cancer. 2010 Feb 4. [Epub ahead of print]
PMID: 20135700 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20135700

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Congenital Limb Difference

No applicable listing for this topic.

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Diabetes

No applicable listing for this topic.

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Dysvascular

No applicable listing for this topic.

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Multicultural

No applicable listing for this topic.

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Other

Apotemnophilia: ethical considerations of amputating a healthy limb.
Dua A.

J Med Ethics. 2010 Feb;36(2):75-8.

PMID: 20133399 [PubMed - in process]

www.ncbi.nlm.nih.gov/pubmed/20133399

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Outcomes Research

Preamputation mirror therapy may prevent development of phantom limb pain: a case series.

Hanling SR, Wallace SC, Hollenbeck KJ, Belnap BD, Tulis MR.

Anesth Analg. 2010 Feb;110(2):611-4. Epub 2009 Nov 16.

PMID: 19917622 [PubMed - indexed for MEDLINE]

www.ncbi.nlm.nih.gov/pubmed/19917622

Selection of outcome measures in lower extremity amputation rehabilitation: ICF activities.

Deathe AB, Wolfe DL, Devlin M, Hebert JS, Miller WC, Pallaveshi L.

Disabil Rehabil. 2009;31(18):1455-73. Review.

PMID: 19479574 [PubMed - indexed for MEDLINE]

www.ncbi.nlm.nih.gov/pubmed/19479574

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Pain

Preamputation mirror therapy may prevent development of phantom limb pain: a case series.

Hanling SR, Wallace SC, Hollenbeck KJ, Belnap BD, Tulis MR.


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Prosthetics and Orthotics

Advances in lower-limb prosthetic technology. 

Laferrier JZ, Gailey R.

Phys Med Rehabil Clin N Am. 2010 Feb;21(1):87-110. Review.

PMID: 19951780 [PubMed - indexed for MEDLINE]

www.ncbi.nlm.nih.gov/pubmed/19951780

Cognitive neural prosthetics.

Andersen RA, Hwang EJ, Mulliken GH.

Annu Rev Psychol. 2010;61:169-90, C1-3. Review.

PMID: 19575625 [PubMed - indexed for MEDLINE]

www.ncbi.nlm.nih.gov/pubmed/19575625

Double nerve intraneural interface implant on a human amputee for robotic hand control.

Rossini PM, Micera S, Benvenuto A, Carpaneto J, Cavallo G, Citi L, Cipriani C, Denaro L, Denaro V, Pino GD, Ferreri F, Guglielmelli E, Hoffmann KP, Raspopovic S, Rigosa J, Rossini L, Tombini M, Dario P.

Clin Neurophysiol. 2010 Jan 26. [Epub ahead of print]

PMID: 20110193 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20110193

Errorless learning is superior to trial and error when learning a practical skill in rehabilitation: a randomized controlled trial.

Donaghey CL, McMillan TM, O'Neill B.
Clin Rehabil. 2010 Feb 15. [Epub ahead of print]
PMID: 20156980 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20156980

Indicators of dynamic stability in transtibial prosthesis users.

Kendell C, Lemaire ED, Dudek NL, Kofman J.
Gait Posture. 2010 Feb 4. [Epub ahead of print]
PMID: 20138523 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20138523

SmartHand tactile display: A new concept for providing sensory feedback in hand prostheses.

Antfolk C, Balkenius C, Rosén B, Lundborg G, Sebelius F.
Scand J Plast Reconstr Surg Hand Surg. 2010 Feb 17. [Epub ahead of print]
PMID: 20158428 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20158428

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Psychology/Emotion

Psychosocial and functional outcomes in long-term survivors of osteosarcoma: A comparison of limb-salvage surgery and amputation.

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Rehabilitation

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Gait Posture. 2010 Feb 4. [Epub ahead of print]
PMID: 20138523 [PubMed - as supplied by publisher]
www.ncbi.nlm.nih.gov/pubmed/20138523

The influence of increasing steady-state walking speed on muscle activity in below-knee amputees.

Fey NP, Silverman AK, Neptune RR.
J Electromyogr Kinesiol. 2010 Feb;20(1):155-61. Epub .
PMID: 19303796 [PubMed - indexed for MEDLINE]
<http://www.ncbi.nlm.nih.gov/pubmed/19303796>

Selection of outcome measures in lower extremity amputation rehabilitation: ICF activities.

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www.ncbi.nlm.nih.gov/pubmed/19479574

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Secondary Conditions

Upper Limb Nerve Entrapment Syndromes in Veterans With Lower Limb Amputations.

Pyo J, Pasquina PF, Demarco M, Wallach R, Teodorski E, Cooper RA.

PM R. 2010 Jan;2(1):14-22.

PMID: 20129508 [PubMed - as supplied by publisher]

www.ncbi.nlm.nih.gov/pubmed/20129508

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Surgery

Double nerve intraneural interface implant on a human amputee for robotic hand control.

Rossini PM, Micera S, Benvenuto A, Carpaneto J, Cavallo G, Citi L, Cipriani C, Denaro L, Denaro V, Pino GD, Ferreri F, Guglielmelli E, Hoffmann KP, Raspopovic S, Rigosa J, Rossini L, Tombini M, Dario P.

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Trauma

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New! Request Articles Online

The National Limb Loss Information Center is pleased to fill requests for articles from journals and magazines that are included in the library collection. Such articles are denoted with this icon  in PubMed Abstracts. [Click here to open the request form.](#)

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