



OCTOBER 2009

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.



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Cancer

Chopart's amputation for resection of clear cell sarcoma of the foot: a case report and review of the literature.

Berenji M, Kwok-Oleksy C, Dang BN, Trepal MJ, Wallack MK.

J Foot Ankle Surg. 2009 Nov-Dec;48(6):677-83. Epub 2009 Sep 10.

PMID: 19857825

www.ncbi.nlm.nih.gov/pubmed/19857825


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Congenital Limb Difference

No applicable listing for this topic.

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Diabetes

Lower-Extremity Amputation Risk Following Charcot Arthropathy and Diabetic Foot Ulcer. 

Sohn MW, Stuck RM, Pinzur M, Lee TA, Budiman-Mak E.

Diabetes Care. 2009 Oct 13. [Epub ahead of print]

PMID: 19825822

www.ncbi.nlm.nih.gov/pubmed/19825822

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Dysvascular

Peripheral arterial disease in women.

Aronow WS.

Maturitas. 2009 Oct 21. [Epub ahead of print

PMID: 19853389

www.ncbi.nlm.nih.gov/pubmed/19853389

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Multicultural

No applicable listing for this topic.

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Other

Interdependence of movement and anatomy persists when amputees learn a physiologically impossible movement of their phantom limb.

Moseley GL, Brugger P.

Proc Natl Acad Sci U S A. 2009 Oct 26. [Epub ahead of print]

PMID: 19858475

<http://www.ncbi.nlm.nih.gov/pubmed/19858475>

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Outcomes Research

Chopart's amputation for resection of clear cell sarcoma of the foot: a case report and review of the literature.

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Memory and executive function predict mobility rehabilitation outcome after lower-limb amputation.

O'Neill BF, Evans JJ.

Disabil Rehabil. 2009;31(13):1083-91.

PMID: 19280435

www.ncbi.nlm.nih.gov/pubmed/19280435

Surgeons and their patients disagree regarding cosmetic and overall outcomes after surgery for high-energy lower extremity trauma. 

O'Toole RV, Castillo RC, Pollak AN, MacKenzie EJ, Bosse MJ; LEAP Study Group.

J Orthop Trauma. 2009 Nov-Dec;23(10):716-23.

PMID: 19858980

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Use of an electrotactile vestibular substitution system to facilitate balance and gait of an individual with gentamicin-induced bilateral vestibular hypofunction and bilateral transtibial amputation.

Robinson BS, Cook JL, Richburg CM, Price SE.

J Neurol Phys Ther. 2009 Sep;33(3):150-9.

PMID: 19809394

www.ncbi.nlm.nih.gov/pubmed/19809394

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Pain

Exploratory findings with virtual reality for phantom limb pain; from stump motion to agency and analgesia.

Cole J, Crowle S, Austwick G, Slater DH.

Disabil Rehabil. 2009;31(10):846-54.

PMID: 19191061

www.ncbi.nlm.nih.gov/pubmed/19191061

Shared Pain: From Empathy to Synaesthesia.

Fitzgibbon BM, Giummarra MJ, Georgiou-Karistianis N, Enticott PG, Bradshaw JL.

Neurosci Biobehav Rev. 2009 Oct 23. [Epub ahead of print]

PMID: 19857517

www.ncbi.nlm.nih.gov/pubmed/19857517

The vexing problem of post-amputation pain: What is the optimal perioperative pain management for below-knee amputation?

Morley-Forster PK.

Can J Anaesth. 2009 Oct 6. [Epub ahead of print] No abstract available.

PMID: 19806418

www.ncbi.nlm.nih.gov/pubmed/19806418

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Prosthetics and Orthotics

The fastest runner on artificial legs: different limbs, similar function?

Weyand PG, Bundle MW, McGowan CP, Grabowski A, Brown MB, Kram R, Herr H.

J Appl Physiol. 2009 Sep;107(3):903-11. Epub 2009 Jun 18.

PMID: 19541739

www.ncbi.nlm.nih.gov/pubmed/19541739

Referral of sensation to an advanced humanoid robotic hand prosthesis.

Rosén B, Ehrsson HH, Antfolk C, Cipriani C, Sebelius F, Lundborg G.

Scand J Plast Reconstr Surg Hand Surg. 2009;43(5):260-6.

PMID: 19863429

www.ncbi.nlm.nih.gov/pubmed/19863429

Simulation of the ligament forces affected by prosthetic alignment in a trans-tibial amputee case study.

Fang LD, Jia XH, Wang R, Suo S.

Med Eng Phys. 2009 Sep;31(7):793-8. Epub 2009 Apr 1.

PMID: 19342286

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Secondary Conditions

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Surgery

Can patterns of segmental injuries of the foot and ankle predict amputation and disability?

Lantry JM, Perumal V, Roberts CS.

J Surg Orthop Adv. 2009 Fall;18(3):134-8.

PMID: 19843438

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