



MAY 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](mailto: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.



## 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 Jul 1;54(7):990-9.  
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[www.ncbi.nlm.nih.gov/pubmed/20135700](http://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

Diabetes prevalence, incidence, complications and mortality among Alaska Native people 1985-2006.

Narayanan ML, Schraer CD, Bulkow LR, Koller KR, Asay E, Mayer AM, Raymer TW.  
Int J Circumpolar Health. 2010 May 25. [Epub ahead of print]  
PMID: 20501061 [PubMed - as supplied by publisher]  
[www.ncbi.nlm.nih.gov/pubmed/20501061](http://www.ncbi.nlm.nih.gov/pubmed/20501061)

Lower extremity amputations. Black men with diabetes overburdened.  
Lowe J, Tariman JD.  
Adv Nurse Pract. 2008 Nov;16(11):28. No abstract available.

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## Dysvascular

Mortality following operations for lower extremity peripheral arterial disease.

Collins TC, Nelson D, Ahluwalia JS.

Vasc Health Risk Manag. 2010 May 6;6:287-96.

PMID: 20479951 [PubMed - in process]

[www.ncbi.nlm.nih.gov/pubmed/20479951](http://www.ncbi.nlm.nih.gov/pubmed/20479951)

The weight of obesity in patients with lower extremity vascular injuries.

Simmons JD, Duchesne JC, Ahmed N, Schmiege RE Jr, Rushton FW, Porter JM, Mitchell ME.

Injury. 2010 May 20. [Epub ahead of print]

PMID: 20494351 [PubMed - as supplied by publisher]

[www.ncbi.nlm.nih.gov/pubmed/20494351](http://www.ncbi.nlm.nih.gov/pubmed/20494351)

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## Multicultural

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## Other

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## Outcomes Research

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Transcutaneous electrical nerve stimulation (TENS) for phantom pain and stump pain following amputation in adults.

Mulvey MR, Bagnall AM, Johnson MI, Marchant PR.

Cochrane Database Syst Rev. 2010 May 12;5:CD007264.

PMID: 20464749 [PubMed - in process]

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Treatment of chronic phantom limb pain using a trauma-focused psychological approach.

de Roos C, Veenstra A, de Jongh A, den Hollander-Gijsman M, van der Wee N, Zitman F, van Rood Y.

Pain Res Manag. 2010 Mar-Apr;15(2):65-71.

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## **Pain**

Factors associated with phantom limb pain: a 31/2-year prospective study.

Bosmans JC, Geertzen JH, Post WJ, van der Schans CP, Dijkstra PU.

Clin Rehabil. 2010 May;24(5):444-53.

PMID: 20442256 [PubMed - in process]

[www.ncbi.nlm.nih.gov/pubmed/20442256](http://www.ncbi.nlm.nih.gov/pubmed/20442256)

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## **Prosthetics and Orthotics**

Biomechanical analysis of ramp ambulation of transtibial amputees with an adaptive ankle foot system.

Fradet L, Alimusaj M, Braatz F, Wolf SI.

Gait Posture. 2010 May 8. [Epub ahead of print]

PMID: 20457526 [PubMed - as supplied by publisher]

[www.ncbi.nlm.nih.gov/pubmed/20457526](http://www.ncbi.nlm.nih.gov/pubmed/20457526)

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## **Psychology/Emotion**

Perceived need and unmet need for vocational, mental health, and other support services after

severe lower-extremity trauma. 

Archer KR, Castillo RC, MacKenzie EJ, Bosse MJ; LEAP Study Group.

Arch Phys Med Rehabil. 2010 May;91(5):774-80.

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## Rehabilitation


Effects of paediatric limb loss on healthcare utilisation, schooling and parental labour supply.

Weir S, Ephraim P, Mackenzie E.

Disabil Rehabil. 2010 May 4. [Epub ahead of print]

PMID: 20441439 [PubMed - as supplied by publisher]

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Rehabilitating time: multiple temporalities among military clinicians and patients.

Messinger SD.

Med Anthropol. 2010 Apr;29(2):150-69.

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## Secondary Conditions

Heterotopic ossification in wartime wounds.  
Forsberg JA, Potter BK.  
J Surg Orthop Adv. 2010 Spring;19(1):54-61. Review.  
PMID: 20371008 [PubMed - indexed for MEDLINE]  
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## Surgery

Heterotopic ossification in wartime wounds.  
Forsberg JA, Potter BK.  
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Lower Extremity Assessment Project (LEAP)--the best available evidence on limb-threatening lower extremity trauma.  
Higgins TF, Klatt JB, Beals TC.  
Orthop Clin North Am. 2010 Apr;41(2):233-9. Review.  
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[www.ncbi.nlm.nih.gov/pubmed/20479951](http://www.ncbi.nlm.nih.gov/pubmed/20479951)

Preoperative Doppler assessment for transmetatarsal amputation.  
Attinger CE, Meyr AJ, Fitzgerald S, Steinberg JS.  
J Foot Ankle Surg. 2010 Jan-Feb;49(1):101-5.  
PMID: 20123301 [PubMed - indexed for MEDLINE]  
[www.ncbi.nlm.nih.gov/pubmed/20123301](http://www.ncbi.nlm.nih.gov/pubmed/20123301)

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## Trauma

Developing a Quantitative Measurement System for Assessing Heterotopic Ossification and Monitoring the Bioelectric Metrics from Electrically Induced Osseointegration in the Residual Limb of Service Members.  
Isaacson BM, Stinstra JG, Macleod RS, Pasquina PF, Bloebaum RD.  
Ann Biomed Eng. 2010 May 11. [Epub ahead of print]  
PMID: 20458630 [PubMed - as supplied by publisher]  
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