

# TechLINK

Number 63

August 1999

## UP-DATE on Step-Counter Project

Van Lac La, working with us at **REHABTech** as part of his Medical Biophysics and Instrumentation Degree at Swinburne University of Technology, is experimenting with a Vibration Dependent Step-Counter. This Step-Counter relies on the vibrations of the pylon or the natural frequency of the pylon generated during walking or running mode. Currently prototype 1 is being tested for reliability, accuracy, usability and durability.

Initial test results will be published soon.



## On the World Wide Web

### CAD/CAM—Can it benefit your practice?

On <http://www.oandp.com/publicat/busworld/fea5.htm> a journal article reviews the benefits of CAD/CAM use, describes the steps involved, types of equipment, features and carver considerations. The article is followed by a selection of product profiles representative of CAD/CAM systems currently available.

For an update on limb attachment recipient, **Clint Hallam**, visit website —<http://amputee-online.com/amputation>.

*Amputation Online Magazine* at <http://amputee-online.com/amputation> profiles fitness video – ‘Fitness for All’, a workout video for lower limb amputees and people with lower limb injuries.

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## INVITATION TO TECHNICAL SEMINAR

**Advanced Prosthetic Centre** at Northmead, Sydney is the venue for a three-day seminar presented by Tec Interface and Flex-Foot beginning on Friday, 6 August.

For further information contact Harvey Blackney on (02) 9890 8123 or visit the web site

[www.advancedprosthetics.com.au](http://www.advancedprosthetics.com.au).

### Update Seminars

Newcastle 6 August  
Brisbane 30 August

This month the **REHABTech** team of Dr Andrew Nunn, Specialist in Rehabilitation Medicine, Bill Contoyannis, Biomedical Engineer, Jane Stephens, Physiotherapist and Karen Roberts, Occupational Therapist, will be visiting centres in Newcastle and Brisbane to address questions on:

- Options on prosthetic fitting and treatment
- CAD/CAM and the Internet for health professionals
- Clinical update on rigid dressings, interim care, etc.

*Lunch will be provided and all are welcome.*

(For seminar details contact **REHABTech**.)

### Component Inspection Courses

Darwin 19 August  
Launceston 24 August

A Prosthetic and Orthotic Component Inspection Course will be run at the Royal Darwin Hospital on Thursday, 19 August and at the Launceston Hospital on Tuesday, 24 August 1999.

The Course, designed for anyone using prosthetic or orthotic components, will cover quality monitoring of components and provide participants with:

- knowledge of basic structural mechanical theory
- understanding of potential failure in products
- capacity to conduct investigative tests to determine advisability of continued use of products

Contact Ross Stewart at **REHABTech** for details.

## Coming Events

|           |   |
|-----------|---|
| 6 August  | <b>Update Seminar</b> at Hunter Prosthetics & Orthotics Service in the Limb Centre, John Hunter Hospital (Rankin Park Unit Campus) Newcastle. |
| 19 August | <b>Component Inspection Course</b> at the Royal Darwin Hospital.  |
| 24 August | <b>Component Inspection Course</b> at the Launceston Hospital.  |
| 30 August | <b>Update Seminar</b> at the Royal Brisbane Hospital.   |

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