

[Home](#)[Features](#)[Eye Care](#)[World Congress of Cardiology 2006](#)[Prosthetics](#)[Events](#)[Dermatology](#)[Ultrasonography](#)[Shash 2007](#)[Medical Research](#)[Genetics Research](#)[News](#)[Editorial Calendar 2005](#)[Contact Us](#)[Advertise](#)

Prosthetics

Otto Bock's new C-Leg bags Da Vinci Award

The new C-Leg has continued the success story of the first completely microprocessor-controlled leg prosthesis system, by bagging the prestigious design award.

The new system, developed by the MedTech company Otto Bock HealthCare in Germany and Austria, was presented at Leipzig early last May and has already been decorated with the international "Da Vinci Award". The C-Leg (featured in the September 2006 issue of Middle East Medical magazine) made its appearance in 1997 and for the first time made it possible to walk down steps safely when taking alternating steps. It uses a sensor control unit to adapt automatically to different walking speeds or ground surfaces. Now the new C-Leg also has a wireless remote control to set the knee joint specifically for comfortable standing, bicycle riding or inline skating. This technology increases people's safety and quality of life.

Otto Bock incorporated the experiences and wishes of over 13,000 C-Leg users into the development of the new product. The result of the positive experiences in the service workshops of certified dealers facilitated the doubling of the maintenance intervals to 24 months with a five-year guarantee period.

"C-Leg technology and design have already won a number of awards in Germany and abroad. The "Da Vinci Award" represents another highlight for Otto Bock. It was initiated in 2000 by the US Multiple Sclerosis Society," says a spokesman for the company.

The Da Vinci is awarded to people, organisations and companies that use outstanding research and technology as well as innovative design to help let people with handicaps participate in society and life without any limitations. The award ceremony in Dearborn is supported by Microsoft, DaimlerChrysler, Trilog, Ford and General Motors. The celebrity speech was given by Bob Lujano, amputated four times, wheelchair rugby player and leading actor in the Oscar nominated documentary film "Murderball".

The event will make good on its title "A Celebration of Innovation" with a tryst with some of the top technology experts for people with handicaps. In addition to Otto Bock and its new C-Leg, the following groups and organisations were honoured:

- The "National Center for Accessible Media" in Boston, USA, for technical solutions that enable people with optical or acoustic damage to watch and listen to films with subtitles or scene depictions that are only visible/audible at their places;
- The University of Chicago for training equipment that improves the walking ability of patients who have had strokes or spinal cord injuries;
- The Canadian company "Telbotics", which uses video conferences and robot technology to let children be a part of the classroom, as if they were actually sitting there in school, during e.g. a longer visit to a clinic;
- The "Sendero Group" from California that developed a GPS-supported navigation system specially for the needs of blind people;
- A camping tent for the handicapped from "BlueSky Designs" (Development) and "Eureka!" (Manufacturer).



The C-Leg from Otto Bock

Search keywords:

Highlighted News

GE installs region's first
 → Lunar iXDA at King Khalid University

New scheme to help
 → early detection of hearing loss

Clinic says safer surgery
 → for obesity could be round the corner

Work set to begin on
 → new \$26 million campus of RCSI-MUB in Bahrain

New research outlines
 → benefits of using progesterone for brain injuries

Japanese scientists
 → closer to new obesity cure

Consumption of expired
 → medicines can be fatal warns Bahraini official

Novartis launches
 → Galiant trial to test new type 2 diabetes medication

Bold, decisive plans
 → required to combat threat of deadly infectious diseases says expert

Stanford team says
 → Gleevec can be used to combat rheumatoid arthritis

Botox can help minimise
 → pelvic pain

HHV-8 virus can be
 → transmitted through blood transfusions

Gardasil may prevent
 → HPV infection

Kuwait discusses ways
 → to improve healthcare

More Stories:

✦ [Otto Bock implant receives Europe-wide certification](#)

[Back to Top](#)

- ✦ [RCSI-MUB awards international scholarship](#)
- ✦ [Viagra could worsen breathing trouble for obstructive sleep apnoea patients](#)
- ✦ [Aspirin functioning can help researchers find new anti-cancer drugs](#)
- ✦ [WHO revokes DDT ban for indoor use](#)
- ✦ [Johns Hopkins team achieves allergy treatment breakthrough](#)
- ✦ [Sanitec Industries acquires North State Speciality Waste of the US](#)
- ✦ [Downs Surgical, Royal College of Surgeons of England to start ENT training programme](#)
- ✦ [Scientists make breakthrough by discovering genetic origins of Fuchs corneal dystrophy](#)
- ✦ [Seminar to discuss benefit of gastric rings](#)
- ✦ [AstraZeneca, Schering AG to develop novel SERD breast cancer drug](#)