WTAWARD 2012

| Categorie Premio | Accessibilità | Sostenibilità | Qualità della vita | |
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| Product Name | Bones | | | |
| Designer | Pedro Andrade | | | |
| | | | | |
| Company Name | | | | |
| Entire Address | | | | |
| Talashana | | | | |
| Telephone E-mail | +55 11 55942903 | | | |
| E-mail Website | contact@pedroandrade.com www.pedroandrade.com | | | |
| werble | www.peuroanurade.com | | | |
| | | | | |
| Italian Dealer | | | | |
| Entire Address | | | n° Prov | |
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| E-mail | | | | |
| Website | | | | |
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| for the Award | | | | |
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| | | | | |
| Referring contact for possible exposition in April | | | | |
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| | | | |
| Description of innovation social values - product category - formal and functional features - problems solved by innovation - user - field of application | 'Bones' is an orthopedic cast with sensors for capturing muscle activity around the fracture area and simulates the full recovery time of the patient. The goal of Bones is to offer concrete information and a sense of achievement according to the level of exercises that users do during the cast period. Based on all the physical activity data of the patient, Bones simulates the time reduced from user's full mobility and muscle strain recovery treatment. All the information collected from the user goes to the community based website of Bones where it is available online to all. Doctors, physiotherapists and new users of Bones can consult and follow the patient's progress. On the website new users can visualize the achievements of current and former patients with the same type of fracture. Sharing this information is a way to encourage new users to engage with their recovery process from the beginning of their treatment. | | |
| Description of technical features - operations - technology | proper treatment by th the user turns on Bones by electromyographic (This information can be have a history of their a according to their prog analyses the user's achi | eir doctor. There they are p s, all the muscle activity aro EMG) sensors and stored ir e synced via wireless to the activities as a simulation of ression and exercising rout evements and suggests sp | b be analyzed and receives the presented with Bones. Each time bund the fracture area is captured in the cast device. User's online profile where they their full mobility recovery time tine. On the website, Bones ecific exercises in order to keep ately, using the Bones cast will |
| Dimensions | 40 x 15 x 15cm | | |
| Materials | Polycaprolactone | | |
| Certifications | | | |
| Benefits for environment | | | |
| Benefits for human being | bone, but also the reco limb was inactive. This from user needs to ther | very process of the muscle project is user-centered dri n define the design directic | not only about restructuring the strength lost during the time the ven, which means, first I started on. I was intrigued by how hard it pey did before their fracture. In |