

Specifiche Premio Accessibilità Sostenibilità Qualità della Vita



Nome Prodotto Charmr

Progettista Dan Saffer, Rachel Hinman, Sebastian Heycke, Jamin Hegeman and Alexa Andrzejewski

Azienda Produttrice Adaptive Path

Campo di attività Medical Device

Certificazioni

Azienda distributrice

Indirizzo 363 Brannan St, 94107 San Francisco, CA, USA

Telefono 415.495.8270

Fax 415.495.8276

Indirizzo e-mail R&D Manager: Julia Houck-Whitaker julia@adaptivepath.com

e dell'innovazione Web page <http://adaptivepath.com/>

Descrizione del prodotto User centered design concept for diabetes management that combines the glucose monitor and pump. The design principles of the concept are:
 - Make the product elegant, discreet, and comfortable.
 - Make better use of data. Have the product use the data that is generated (blood glucose levels, amount of insulin dosed, trends) in smarter ways.
 - Provide a tool that's easy to learn and teach/No numbers. A broad cross-section of diabetics will use this product, so it cannot be overly complicated, nor difficult to teach. And while numbers are important, we didn't want to solely rely on those for indicating status and trending.
 - Less stuff. Diabetics have to carry around a lot of stuff. We wanted to be sure that whatever we created wasn't just one more thing to carry around.
 - Keep diabetics in control. The people we spoke to weren't interested in automatic pumps for the most part. They wanted to retain control of their insulin dosing.
 - Keep diabetics motivated. Diabetes is a difficult disease to have. Diabetics, in the words of someone we talked to, "never get a day off," so keeping motivated is a challenge. We wanted our product to help diabetics set goals and be so easy to use it helped keep them on track.

Materiali

Dimensioni

Tecnologia / Funzionamento User centered design provides an ambient display to show how the diabetic's glucose levels are trending. The ambient display provides constant feedback to the user so they're able to make changes to their diet and insulin levels in ways that they're not currently able to using the pumps and monitors that are on the market.

Benefici per l'ambiente With better designed products comes product loyalty. If medical devices are designed better, and meet the real needs of the users will switch products less often and, fewer of them will end up in the landfill.

Benefici per la persona Improves the lives of diabetics by providing an integrated glucose monitor and insulin pump. User centered design provides an ambient display to show how the diabetic's glucose levels are trending and provide a constant feedback to the user so they're able to make changes to their diet and insulin levels. By having the glucose monitor and insulin pump together, diabetics have fewer devices to manage and carry around with them.

Altri prodotti che seguono criteri di innovazione accessibile e sostenibile per una migliore qualità della vita

