

Capital Project Request Summary

Fiscal Year: 2009 (July 1, 2008 – June 30, 2009)
Department: Physical Medicine
Requested By: Teresa Robinson
Project / Item: Bioness Ness H200 (Hand Rehab System) and L300 (Foot Drop System)
Capital Cost: \$31, 230

Project description:

This system is designed for use in patients who have lost use of their arm or leg due to a stroke or other neurological disorder. It uses electrical stimulation to stimulate the muscles. **The NESS H200 is an advanced therapy system designed to use mild electrical stimulation to improve the way** a patient's arm works. It helps you get the most out of therapy, and reduce complications including muscle spasms. It allows the patients to perform functional activities such as: drink from a glass, reach for things, write, and use two hands again.. The NESS L300 is an advanced foot drop system designed to use mild stimulation to lift your foot to help you walk more safely and easily. It makes it easier to walk with increased speed on flat ground, up and down stairs, as well as on uneven surfaces.

Impact on Quality of Care:

Currently, patients who have had a stroke and are not re-gaining use of their extremity though traditional therapy methods do not have many choices to help them re-gain their full function. Once they hit their full potential with traditional PT, they are discharged from therapy, most likely not to further regain function. This system has provided the therapy world with a new alternative to give patients. It allows the therapist to have another option to give patients who are recovering from conditions such as a stroke. It helps those who would otherwise, not regain full function back the opportunity to retrain the muscles with a use of electrical stimulation. Having this technology available will be a huge adjunct to current treatments.

Link to Strategic Plan Goals:

Service Excellence. If we got this system, we would be the only place in our area to offer this technology and systems. It would allow us to truly be the leaders in treating neurological patients. I believe that not only will it drive referrals for use of this system, but it will drive increased overall neurological diagnosis' our way.

Financial Implications

(potential volumes and revenue, ongoing operating costs, return on investment):

The average patient would receive an evaluation and 18-20 treatments for this disorder. This would equate to each new referral bringing in a revenue of \$2972 (Evaluation = \$224, 18 Treatments at \$224 (ther ex X3, E-stim). This would require us to bring in 10 new patients to break even and see our return on investment for this product.

Identify any applicable regulatory issues:

None identified.

Alternatives and reasons for rejecting them:

None, this is a one of a kind product.

Implementation requirements and timeframe:

30-60 Days