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Title

FES in paraplegic patients

Coauthors

None

Summary

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Introduction/ basics

The great challenge of using new technologies in a targeted way in neurorehabilitation is, on the one hand, to have the knowledge about the variety of different devices and their fields of application, and on the other hand, to combine the classical hands-on techniques with the new technical equipment at the right time during the rehabilitation process. The latter as specific as possible in order to provide the best individualized treatment to the client. This complexity in creating a rehabilitation strategy is required by clinicians and therapists on a daily base. Treatment algorithms are needed to help decide how to combine robotics, functional electrical stimulation, and traditional treatment techniques.

Material method; implementation/ process

This presentation will include treatment options to translate technologies and FES into daily treatment without losing focus on rehabilitation goals.

The use of FES and new technologies provide the fundamentals to good quality rehabilitation and should be an integrated part of treatment. They can only be used and applied if motivation, curiosity and knowledge about their benefits and limitations exist throughout the rehabilitation team.

Results

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Discussion/ conclusion; conclusion for the practice

The use of FES and new technologies provide the fundamentals to good quality rehabilitation and should be an integrated part of treatment. They can only be used and applied if motivation,

curiosity and knowledge about their benefits and limitations exist throughout the rehabilitation team.

References

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