Abstract

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Title: Physiotherapeutic care on a patient with post injury paresis of the nervus peroneus: a case report

Summary: The thesis consists of two parts - the general part and the special one. The general part contains theoretical introduction of the given diagnosis. Part of it is description of the nervous system from anatomical point of view, pathophysiologic problems of peripheral lesions, degeneration and regeneration of peripheral nerves and the clinical evidences of peripheral paresis of lower extremity directed to peripheral paresis of nervus peroneus. Furthermore, it purveys the information on possibilities of comprehensive therapy namely on operation procedure of the nervus peronealis revision, the use of physiotherapeutic methodics and orthotic- prosthetic devices in the following rehabilitation and also on the reconstructural surgical procedure in case of foiled rehabilitation as a consequence of total nerve degeneration. The special part presents the elaborated case report of a patient with a posttraumatic paresis of nervus peroneus. It contains the anamnesis, the entering kinesiologic elaboration, a proposal of short-term and long-term rehabilitation plan, the process of each individual therapeutical units, the entrance examination with evaluation of the effect of the therapy. The case report was elaborated during my coherent expert praxes on the rehabilitation department of the Faculty Hospital Královské Vinohrady.

Keywords: peripheral paresis of nervus peroneus, rehabilitation, physiotherapy, orthotic and prosthetic fittings, surgical treatment, case report.