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P75-PAIN TREATMENT (CONSERVATIVE): PHYSIOTHERAPY**Abstract: 713****CLINICAL COURSE OF PHYSIOTHERAPY TREATMENT RESPONSE IN PATIENTS WITH CHRONIC LOW BACK PAIN- A PROSPECTIVE COHORT STUDY WITH SURVIVAL ANALYSIS**

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Background and aims: Response to physiotherapy treatment in patients with non-specific Chronic Low Back Pain (CLBP) has been described as poor and heterogeneous. Few studies have investigated the pattern of response during the treatment period, and whether prognostic factors can be identified for different patterns of response. The aim of this study was to describe the response to treatment in a prevalent cohort of CLBP patients undergoing multimodal physiotherapy treatment and to identify prognostic factors for that response.

Methods: 131 patients with CLBP (>12 weeks' duration) were recruited from the waiting lists of 16 outpatient clinics following a standardized recruitment protocol. Participants were assessed at baseline and every week during the period of treatment (maximum of 8 weeks) and then at 3-month follow-up. Response criteria were determined according to the Minimal Clinically Important Difference from measures of pain intensity, functional disability, maintained for at least 7 days. Kaplan- Meyer life tables were generated to determine the 8 weeks and 3 months response. Prognostic factors were identified using Cox regression.

Results: Of the 131 patients, 102 completed the 3-month follow-up. The survival time medians were reached at 6 weeks for pain intensity and functional disability. Higher pain intensity levels at baseline, higher age, higher body mass index and absence of pain medication were significantly associated with poor response to treatment.

Conclusions: There seem to be different patterns of recovery among the participants. The results of this study allow clinicians to provide more accurate outcomes prognostic information to their patients.