Home program is a set of recommendations that frequently applied by physiotherapists in the field of pediatric physiotherapy. The main objective of the home programs is to ensure that children with CP are more active, maintain the quality of the movement, use the skills gained in the field of physiotherapy in daily life and prevent secondary problems in the long term. Many factors affect the adherence to the home program. Aim of this study was to investigate effect of functional level of children and parents' depression and anxiety level on compliance with physiotherapy home program using the scale we developed.

Method:
155 parents of children with (Cerebral Palsy) CP, between ages of 2 and 18 years, included to study. Parents administered Questionnaire of Parents of Children with Cerebral Palsy Compliance on Physiotherapy Home Program that we proved valid and reliable. Our Questionnaire has 28 questions about physiotherapists, childrens, parents behavior on home program. Children’s Gross Motor Function Classification System (GMFCS), Manual Ability Classification System, Communication Function Classification System (CFCS), Eating and Drinking Ability Classification System (EDACS) levels determined. Parents’ anxiety and depression assessed with State-Trait Anxiety Inventory (STAI-I, STAI-II) and Beck Depression Inventory.

Results:
There was a significant difference between GMFCS I and GMFCS V levels. The level of GMFCS level V compliance with home program was found to be higher than GMFCS level I (p<0.05). Relationship wasn’t found between MACS, EDACS, CFCS levels and compliance with home program (p>0.05). Compliance with home program was found to be inversely correlated with depression and anxiety level (p<0.01).

Conclusion: Functional level is important to implement home program regularly and correct. When functional level gets better compliance with home program reduces. GMFCS level V children need more attention. Therefore parents have to apply all prescription correct and adequate. Same situation isn’t true for GMFCS level I. Parents’ depression and anxiety level is also important. If level of depression increases, compliance with home program decreases. Normal stress level is needed for better home program compliance.