

## عنوان مقاله:

Comparison of the efficacy and safety between Pdporetin and Cinaporetin in the Remodeling of Anemia in Children with Chronic kidney disease-Study Protocol

## محل انتشار:

ششمین کنگره بین المللی انجمن نفرولوژی کودکان ایران (سال: 1397)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Introduction: Chronic Kidney Disease (CKD) in children is accompanied with high mortality and morbidity. Anemia is one of the most common of these complications. Since the Erythropoietin deficiency is the main cause of anemia, then the use of Epoietin is the principal method for treatment of anemia in these patients. with consideration that two different Epoietin (Pdporetin with alpha chain & Cinaporetin with beta chain) are available for use in treatment, We designed an study that compare efficacy and safety of these two drugs in children with CKD and anemia. Study Aim: Comparison of the effectiveness and safety between Alpha chain Erythropoietin and Beta chain Erythropoietin in the Remodeling of Anemia in Children with Chronic Renal Failure Methods: This study is randomized clinical trial that will perform on children with anemia due to CKD that refer to Aliasghar Children Hospital in Tehran during 2017-2018. In this clinical trial (phase IV), the 40 patients are divided in two parallel groups (each group 20 patients) according to simple randomization based on table of random numbers: 1) Alpha chain erythropoietin (PDporetin, Pooyesh Darou co). 2) Beta chain erythropoietin (Cinaporetin, Cinnagen co). In these two groups, the drugs are prescribed based on KDIGO guideline with initiation dose of 100 unit/Kg/week for new patients and same previous dose in old patients. The route of prescription is SQ. The patients informations record every months, for three months and in the end of study, we will compare the efficacy and safety of these drugs in remodeling of anemia in CKD. Result: It is an ongoing

## کلمات کلیدی:

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