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## ASSESSMENT OF COGNITIVE FUNCTIONING IN INDIVIDUALS ON MAINTENANCE HEMODIALYSIS

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### Abstract

Cognitive impairment (CI) is frequent in people with chronic kidney disease (CKD), and it is more common in hemodialysis patients. We assessed the cognitive impairment in maintenance hemodialysis patients and its risk factors on maintenance hemodialysis using ACE-III Questionnaire in 100 patients. The current study found that HTN, and smoking are predictor of risk factors for CI. Examining the CI in HD patients is crucial in order to make an accurate intervention and provide appropriate treatment

**Keywords:** Cognitive Impairment, CKD, ACE-III

### Introduction

Chronic kidney disease (CKD) is characterized as any functional or anatomical impairment to the kidney that is progressive and permanent.

Maintenance hemodialysis (MHD) is a treatment for CKD patients which restores a normal kidney's waste filtering functions that is done twice/thrice in a week.

Patients with ESKD/CKD5D and those on maintenance HD are associated with multiple problems, some may often experience cognitive impairment (CI). It is frequently misdiagnosed, unidentified, and thus untreated.

When a person is having difficulty recalling facts, trying new skills, focusing, or making judgments that influence their everyday life, they are said to have cognitive impairment.