**ناوی توێژەر / توێژەرەکان Name of the researcher / researchers**

**1-Parween Abdulsamad Ismail 2-** **Hazhar Muhammad Hamadameen**

**ناوی توێژینەوە: Name of research:**

# Assessing the clinical significance of protein oxidation products and monocyte chemoattractant protein 1 (MCP 1) in patients with chronic periodontitis

**: Research Start Date**

**ڕێکەوتی دەست پێکردنی توێژینەوە : 1 / 3 / 2023**

**Time required to complete the research:**

**ماوەی پێویست بۆ تەواوکردنی توێژینەوەکە:**

**7 Months**

**A summary on the research plan:**

**پوختەیەک لەسەر پلانی توێژینەوەکە:**

**The aim of the study to assess the levels of salivary and serum protein oxidation products and monocyte chemoattractant protein 1 (MCP 1)in patients with chronic periodontitis and compared to healthy individuals. The study would be consisting of 85 volunteers, 40 healthy individuals compared with 45 patients with chronic periodontitis. Saliva and Venous blood sample (10ml) would be collected of each of the chronic periodontitis patients and healthy group in a metal-free tube, in the morning protein oxidation products and monocyte chemoattractant protein 1 (MCP 1) would be determined by using Elisa kits.**

توێژەر توێژەر توێژەر توێژەر

**1-Parween Abdulsamad Ismail 2-** **Hazhar Muhammad Hamadameen**