

Comparison of venous blood and obtained blood from the Cupping in terms of the amount of hemoglobin, Hematocrit and uric acid

R. Tahmasebi*, N. Sheikh, N. Manouchehrian, M. Babaei

Abstract:

Background and Purpose: The traditional Phlebotomy is one of the therapies method of traditional medicine to bring back and regenerative balance in the organism. however our resources in the field of traditional Phlebotomy are rich but, our knowledge about the involved Mechanisms in this field, despite of the science progress in different areas are very low and in previous conducted studies, different opinions about the effectiveness of this method on the treatment of Diseases were expressed that with determining the mechanism of traditional medicine, Can be presented with more stronger motivation to the medical community. The aim of the present study was to compare the amount of hemoglobin, Hematocrit and uric acid in the venous blood and obtained blood from the traditional Phlebotomy and evaluation existing differences.

Materials and Methods: The present study is interventional and type of one factorial intra-case which the Research Center of Phlebotomy was conducted on 111 referred patients . sampling method in this study is, simple random that after obtaining written consent and the general examination, in case of no exclusion criteria attempt to get the venous blood and Phlebotomy and the experiments have been done by one person with one type of kit. After collecting the information, data were analyzed, by using of statistical T-test and spss software.

Results: The mean of hemoglobin, hematocrit and uric acid in venous blood were respectively (15.74 ± 1.6 mg/dl), (47.40 ± 3.74) percent (6.35 ± 1.65 mg/dl) and in the blood of phlebotomy (18.76 ± 1.7 mg/dl) (56.6 ± 6.68) percent (6.90 ± 1.34 mg/dl) which these differences were statistically significant ($p < 0.001$).

Conclusion: Due to higher amounts of hemoglobin, hematocrit and uric acid in the obtained blood From phlebotomy is recommended the use of phlebotomy be more considered in Polycythemia and hyperuricemia therapy.

Keywords: venous blood, phlebotomy blood, hemoglobin, hematocrit, uric acid.

Corresponding Author: Tahmaseb.Reza90@yahoo.com