

AN ANALYTICAL STUDY ON ALAMATHAI MIZAJ
WITH SPECIAL
REFERENCE TO SELECTED BLOOD COMPONENTS



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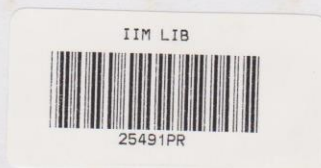
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3 SUMMARY

- The objective of this project was to give scientific interpretation to ancient concept of classification of persons into four groups based on temperamental theory (Mizaj).
- This project comprised of two components i.e. Determination of Individuals' Temperament by specially designed Proforma and questionnaire, and the Bio Chemical and hematological Analysis.
- This study was conducted on 200 volunteers, of both sexes between 19-30 years.
- Initially these 200 individuals were classified in to the above 4 groups using the profoma and the questionnaire.
- Here no non-matching individuals were left. This it reveals the rational classification of the healthy individuals based on the Humoral theory of Unani Medical fraternity. In this study 61 were confirmed as of having Single dominant Mizaj. The remaining 139 cases were confirmed as of having Dual Mizaj
- Having confirmed the temperament, the analysis of the blood was carried out to compare and contrast the biochemical aspect of the modern medicine and the biophysical aspect of the Unani medicine. Findings were as follows,
 - RBC counts marginally significant.
 - **WBC counts highly significant among all four groups. Therefore WBC count can be used as a hematological index to identify the humor.**

- Neutrophil counts were not statistically significant but it shows clinically significant.
- **Lymphocyte counts were statistically significant among four groups. Therefore it can be used as a hematological index to find Mizaj.**
- Eosinophil counts were not statistically significant but it shows clinically significant.
- **Hb% was statistically significant among four groups. Therefore it can be used as a hematological index to find Mizaj**
- Serum cholesterol level was not significant among four groups.
- **Serum bilirubin level was significant among four groups and therefore it can be used as a bio chemical index to find Mizaj.**
- Significant results were not obtained between the dual Mizaj or related group individuals.
- Finally, the overall study using the Scientific Methods and Materials, and modern medical theories exhibits the fact that the classification of healthy individuals based on temperamental theory of Unani Medical system has science and rationale.