

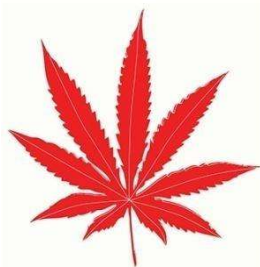


11<sup>th</sup> Pak Pharma Healthcare Expo

## 3rd Pakistan Food -Nutrition International Summit 2022

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### Conference Abstract

#### IMPACT OF NUTRITIONAL STATUS ON THE SEVERITY OF DENGUE INFECTION AMONG INTENSIVE CARE UNIT PATIENTS

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### Abstract

Dengue fever is one of the most common arboviral diseases transmitted to humans by the bites of infected female Aedes mosquitoes. Human infection can be caused by any of the four antigenically distinct serotypes DENV type 1, type 2, type 3, or type 4 dengue virus belongs to the Flaviviridae family and its severity depends on virus strain. Worldwide endemic in almost 100 countries, this infection has become recognized as the most significant and prevalent mosquito-borne infection in humans. The aim of our study used to understand the relation between nutritional status, its outcomes, and its severity to allow patients a faster recovery and maintenance of optimal health. Data was collected from Shifa International Hospital Islamabad, Pakistan by using specially designed questionnaires which consist of anthropometries, biochemical data, clinical signs and symptoms, and dietary information. Then the collected data was analyzed by using SPSS and Frequencies. 250 patients were selected with age of male 43.12.9 years and female 41.8± 2.5 years with weight of male 88.56.4 kg and female 52.8 ± 7.3 kg the frequency distribution of both male and female were based on admission status and admission category, smoking history and hospitalization history, the pre and past medical tests like diabetes and hypertension. The frequency distribution also held separately for both male and females on the basis of their complete blood count, liver profile test, electrolyte and renal profile. The frequency distribution was also based on scores for the assessment of their health state it was based on Apache score, sofa score and Nume score. Linear regression analysis applied to check the level of significance which proves that the mentioned

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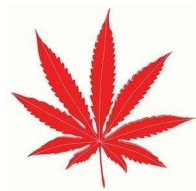
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### Competing Interests:

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| <p>The authors declare no competing interests</p> <p>Additional information is available at the end of the article.</p> | <p>variables in both the men and women are significant and it effects both men and women differently.</p> <p><b>Keywords:</b> Apache score, Nutric score, DENV</p> <p><b>Declaration</b><br/> The abstract is reviewed and accepted by the Conference Organization Committee of 11<sup>th</sup> Pak Pharma Healthcare Expo. The presenter was permitted to share his research after final approval of the committee. The scientific research information was presented at 3<sup>rd</sup> Pakistan Food -Nutrition International Summit 2022 held on December 21-22, 2022 at Pak-China Friendship Centre, Garden Avenue, Islamabad, Pakistan. Hence, the journal is publishing this abstract on behalf of the aforesaid Conference Organization Committee.</p> <div data-bbox="540 953 734 1142">  </div> <p><b>© 2022 The Author(s). This open access article is distributed under a Creative Commons Attribution (CC-BY) 4.0 license.</b><br/> You are free to: Share — copy and redistribute the material in any medium or format. Adapt - remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Under the following terms: Attribution - You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. No additional restrictions. You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.</p> |
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