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EFFECT OF MELITTIN AND APAMIN CO-THERAPY ON THE INHIBITION OF CORONAVIRUS CELL MEDIATED ENTRY- A POTENTIAL VIABLE MANAGEMENT FOR COVID-19

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ABSTRACT

Keywords:

Mellitin, Apamin,
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Self-report,
Survey, public
health, evidence-
based Public
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Objectives: To investigate the effect of Melittin and Apamin Co-therapy on care of Patients of Coronaviruses and Influenza, observe Inhibition characteristics such as patterns and inhibition activities.

Methods: A cross-sectional study was carried out on rural dwellers in A North Central Nigerian State. This study made use of both world of mouth and testimonies of rural dwellers as well as available library and research data. The instruments used to assess and gather information from respondents are a researcher designed questionnaire which was administered in the form of interview as many of the respondents were stark illiterates and Respondents-Reported Outcome Measures Information System (PROMIS) measures v.1.1 was used and Data was analyzed using EPI info Software version 7. A total of 30 Respondents were picked using accidental random sampling of cross-sectional type. The researchers also relied on library research and available literatures which establishes the results and corroborate the research findings.

Results: Thirty Locals from a Town in North central Nigeria participated in the study. All have been affected by one coronavirus or the other have used the local remedy which is the bee Venom which contains Mainly Melittin and Apamin. scores correlated with 0.56 at 905 level of significance.

When adjusted for age, gender, and literacy level, the correlation coefficients changed only slightly and resulted in 0.52. Model fit statistics for all analyses were adequate and indicated a good fit for the research work.

Conclusions: Study results indicates the Melittin and Apamin co-therapy indeed inhibits the process of cellular infection and even consequently hastens recovery from Coronavirus infections at 92% and 97% respectively.

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