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ANTIBACTERIAL ACTIVITY OF THE NEW FORMULATED TOOTH PASTE

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Ripe areca nut powder and brust areca nut powder (charcoal) were used as tooth rowder tradition. ally especially in villages. In siddha medicine, Kalnarpoenam was used for dental diseases. The present study was confucted to formulate a tooth passe ("Askalos") by two different methods and to evaluate their antibocorial activity. The "Askalos" passe of A and B were propared with spece and powder and Kolmanousum by two different methods. Different concentrations (Steam. 25ppm, 12.5ppm) of aqueous extracts were perpared by dilution method using sterile distilled e-cypin, 14-oppiny or september waters were perpused by distinct manifold using status distinct, water for each sample A and B separately. Again well diffusion method was used to determine the antibacterial activity ogainst Booillus subtilis, Suphylocoecus aureus, Escherichia coli and Pseudemotive seruginess. Steeptomycin and sterile distilled water were used as standard and control constructively, labilities zones were measured and the results were analyzed by analysis of variance (ANOVA) (p=0.05) followed by turkey test. Results revealed that the antiboterial activity increased with increasing concentration of extract. Significant difference was observed in both samples A and B among concentrations in relation to bacterial growth inhibition. Growth of Bacilsamples A and is among concernments in remaind to containing growth than the containing the sample has relative. Smelly lecocous purpus and Escherichia coli was significantly inhibited by the sample A rather than B at high concentrations tested. Growth of Pseudomonas seruginosa was not inhib-A corner time to M right concentrations research to Standard showed the highest inhibition against Bacillus subtilis and Pseudomonos accuginosa. This study concluded that the sample A had more significant artibacterial activity than B among the tested bacteria.