

A comparative evaluation of the effect for different commercially available flavored milk on salivary pH values in children- An *in vivo* study



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Abstract

Introduction: Milk is universally considered as ideal food for growing child. To encourage children for milk consumption many commercial flavored milk are available and gaining interest worldwide.

Aim: To compare variations in salivary pH values after the consumption of different flavored milk at various time intervals.

Methods: The present study involved seventy children aged 6-14 years from two groups: Caries active (35) and Caries free group (35). Chocolate, Coffee, Mango, and Strawberry flavors were used in following study with plain milk as control. Baseline salivary pH was recorded initially and then pH was measured immediately after intake of beverages and at intervals of 5, 10, 15, 30 minutes using pH meter.

Result: No significant difference in pH of plain and flavored milk was observed at various time intervals for both the groups.

Conclusion: Carcinogenicity of flavored milk is not significantly lower as plain milk hence it may be recommended as a part of children's diet.

Biography

Shagun Agarwal Jain has underwent one year compulsory internship at Safdarjung hospital and Got selected as non-academic junior resident at AIIMS trauma center in department of neurosurgery. Worked there for a while and then joined as an academic junior resident in department of general surgery at RML HOSPITAL, New Delhi and I have been working there for last two years. at AL Mansoura University children hospital. Now she is the head of Pediatrics department at al soliman specialized hospital.



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