

KUVEMPU



UNIVERSITY

**An Evaluation of pH Changes of Human Dental
Plaque after Oral Rinsing of Commonly
Prescribed Syrup Medications**

Dissertation submitted to Kuvempu University in partial fulfilment of the
requirements for the award of MASTER OF DENTAL SURGERY in the
speciality of Pedodontics and Preventive Dentistry

1993

Dr. SRINIVAS N.

INTRODUCTION

'LET ALONE DOING GOOD:
THOU SHALT NOT DO HARM
TO THE DISEASED".

Medicines in liquid form are widely used in paediatric and pedodontic practice and have become synonymous with medicines for children . These are usually sweetened, coloured and flavoured to make them palatable, attractive and acceptable. The additives used to produce these effects have been reported to cause a wide range of adverse effects. The complex role of these additives in producing unwanted effects are generally not well appreciated and often ignored ¹³ .

The pharmaceutical industry uses sugar especially sucrose, in large quantities as a cheap, easy to process, bulking and good tasting vehicle substance. The truism of this application of sugar is reflected in proverbial expressions such as 'an apothecary without sugar' denoting the lack of something essential for a specific trade, or "Julie Andrews" in the movie 'Mary Poppins' singing 'a spoonful of sugar makes the medicine go down'.