Table 1 .- - Sugar Alcohols and Flaque pM, Acid Production

Study	Study Design	Subjects	Wethods	Results	Comments
Birkhed and Edwardsson, 1978 (Ref. 199	In vitro study to avaluate the effects of verious S substitutes on edd production in individual plaque samples	Not given	Subjects (5s) instructed not to clean teeth for 2 days (1) before anything the souring of the stam on day 3, 5s rinsed with distillad water for 10 seconds (sac) before plaque as removed from the buccal lingual and approximal surfaces of the feeth range (to 34 glucose (GLJ) soln was proproximal surfaces of the feeth range (restreen 18 decribed in the staff of 0.34 glucose (GLJ) soln was product on more supervised with 18 decribed in the reduction was followed even the supervised with 18 decreased with 18 decreas	Acid Production Rates Percent MANN. X MANN. X 0 MANN. X 0 MANN. X 10-10 Lactor See See See See See See See See See Se	Authors report error of mathod to measure acid production has been calculated to be 10-154 in duplicate experiments with GLD. French HHH is asked to contain fewer high molecular waight bydrogenated polywaterbrides then Swedalb HSH and therefore, is less fermentable. Awhore note that lower H waltes are obtained if the PH of intercoral plaque is measured. It is also noted the PH est measured at the PH of intercoral intuly does not give information of the PH est any particular size of a averages.
			Student's t-test for paired observations used when comparing fermentability of various substrates and when messuring pH		
1978 (Ref. 51)	In vitro study to compare and compare and compare and compare and compare and soluble starch	11 adult subjects	Subjects were instructed to avoid oral hygisate procedures for 2 d. \$a. rised with tap water; dental plaque was then removed. Acid production ectivities (APA) from the conductions, boiled soluble starking and perdention to the starking and serial NSH water determined in 0.1 mL samples of determined in 0.1 mL samples of determined in 0.1 mL samples of determined in 1 concentrations—(0.00) for 1.0 13 will will side for the 13 year of the	APA aspressed as a to that from did (mesa values) But 75.7 But 75.7 But 61.5 APA from soluble starch and HSH was of 0.03 - 64.	Authors note that Swedish HSH is more fermeable than HSH 80/55 made in Fance. Compared to GLU, Swedish HSH is wery fermentable, although the rate is slower. Results of this study raise questions regarding the usefulness of Swedish HSH in dental health.