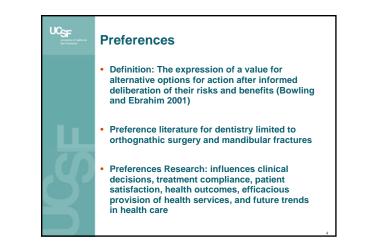


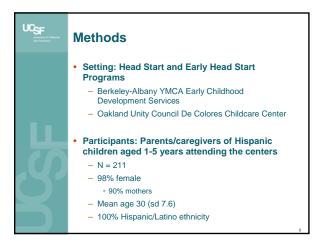
Background to prevent ECC

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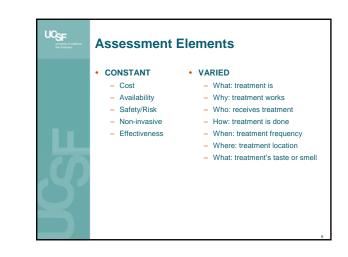
- Early childhood caries (ECC) rates have increased over time, especially for Hispanic and low income children
- There are several low cost, effective treatments
- Dental services are under-utilized in many communities

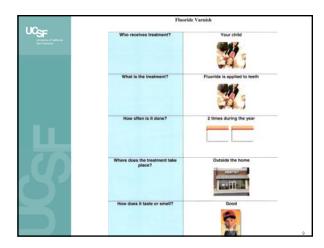




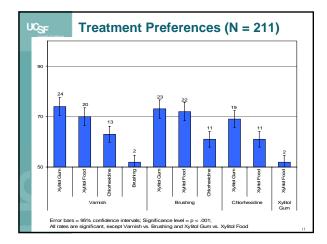








UCSF University of California Ben Previous	Methods	
	 5 treatments were presented as 10 paired comparisons Preference ascertained in each pair 	
LL.	 Sub-sample of 201 participants were asked to explain why she had chosen each particular treatment 	
Q,	 Qualitative comments were reviewed for content; constructs were derived by inductive and iterative process 	
Б	Comments were classified into the various construct categories	10



novemby of California and Translass	Construct	Count	%
1	Who receives treatment		
a	a. Child targeted	373	16.0
1	o. Multiple users	270	11.5
	Convenience		
ł	a. Convenient	630	27.0
	b. Inconvenient	4	0.2
	Habits		
	a. Promote healthy	359	15.4
	o. Avoid unhealthy	136	5.8
	Effectiveness		
-	a. Effective	415	17.8
	b. Ineffective	2	0.1

Treatment	1 st Construct	2 nd Construct	3 rd Construct
Brushing	Healthy Habits (60%)	Child Targeted (19%)	Convenience (7%)
Varnish	Effectiveness (42%)	Child Targeted (27%)	Convenience (26%)
Xylitol food	Convenience (39%)	Child Targeted (29%)	Effectiveness (13%)
Xylitol gum	Convenience (54%)	Multiple Users (26%)	Unhealthy Habits (8%)
СНХ	Multiple Users (37%)	Convenience (28%)	Effectiveness (20%)

	Treatment Preference Constructs			
	Paired Comparison	1 st Construct	2 nd Construct	
	Varnish (74 Xylitol Gum (26	(420/)	Effectiveness (32%)	
	Varnish (70 Xylitol Food (30	(470/)	Convenience (36%)	
	Varnish (63 Chlorhexidine (37	(500()	Effectiveness (29%)	
S	Varnish (52 Brushing (48	(670/)	Convenience (28%)	
	Brushing (73 Xylitol Food (27	Hobito (C40/)	Avoid Unhealthy Habits (17%)	
	Brushing (72 Xylitol Gum (28	Habite (50%)	Child Targeted (28%)	
	Brushing (61 Chlorhexidine (39	Hobite (519/)	Child Targeted (45%)	

Conclusion

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- Major reasons for preferring fluoride varnish and tooth brushing with fluoride toothpaste:
 - healthy habit promotion
 - effectiveness
 - targeting the child
 - convenience
- These results may be useful in planning ECC prevention programs in Hispanic communities