Development of the diet questionnaire Aim

- To obtain relevant information about dietary habits based on actual behavior.
- To have a format that can be used for children in first, fourth, and sixth grade, as well as for parents.



Development of diet questionnaire

- 1. First, the relevant literature was examined. In the process, the following already available instruments were assessed in detail:
 - Augsburger Food Frequency List (Winkeler & Döring, 1998),
 - Questions about diet from the German Oral Health Study (Micheelis & Schiffner, 2006)
 - Check list for the Nutrition Report and questionnaire on food frequency (Stegemann & Davis, 2006),
 - KIGGS-Studie (Mensink et al., 2007).
- 2. Interviews on the eating habits of various ethnic and cultural groups were conducted.
- 3. The items were tested in a preliminary examination.



Principles of construction

Structured questions were formulated that were related to specific everyday situations and able to ascertain what foods were taken that were harmless or detrimental to dental health.

These included

- breakfast,
- between-meal snacks,
- watching television,
- eating on the go,
- Two additional questions were devised to find out what sort of bread and beverage were preferred.

5-stage frequency estimation: never, seldom, occasionally, often, always.



Basis for the formation of the sugar index

We inquired for six typical situations of everyday life which foods were consumed. The questions about nutrition included a description of the situation and a selection of various foods typical of the situation.

How often do you eat the followin foods between meals?	g				
	never	seldom	occasion- ally	often	always
Apples					
Bananas					
Carrots					
Chocolate bars					
Cake					
Granola bars					
Fruit yogurt					
OTHER (Please indicate):					
How often do you eat the followin	g			al destrope	
kinds of bread?	never	seldom	occasion- ally	often	always
White bread					
Brown bread					
Whole-grain bread					
Crispbread					
Sweet rolls					
Flatbread					
Zwieback					
OTHER (Please indicate):					
How often do you imbibe thefollo					
beverages when you are traveling	g? never	seldom	occasion-	often	always
Mineral water			ally		
Fruit juice					
Vegetable juice					
Iced tea					
Juice and mineral water					
Milk		-		-	
Milk cocoadrink					
Milk Cocoadrink Coffee with sugar Soda / cola					

	never	seldom	occasion- ally	often	always
Cornflakes with milk					
Muesli with fruit					
Rolls and jam					
Bread with sausage					
Bread with cheese					
Cake					
Fruit yogurt					
Oat flakes with fruit					

5. How often do you eat the following foods while watching television?					
	never	seldom	occasion- ally	often	always
Sweet popcorn					
Salted popcorn					
Chips					
Sour apple rings					
Chocolate					
Fruit					
Dried apricots / dates					
Salted nuts					
Cookies					
Raw vegetables (cucumbers, carrots)					
OTHER (Please indicate):					

6.	How often do you eat the following foods when you get hungry while traveling?					
		never	seldom	occasion- ally	often	always
	Chocolate / chocolate bars					
	Cake					
	Bratwurst /curried sausage with bread					
	French fries with ketchup / mayonnaise					
	Hamburgers					
	Fruit					
	Fruit yogurt					
	Dry rolls					
	Open sandwiches with lettuce					
	Kebab					
	Cookies					
	OTHER (Please indicate):					

index

The frequency of consumption was indicated on answer scales graduated in fives (never, seldom, occasionally, often, always) which were given point values from 1 to 5.

All checked food and beverages that were tooth friendly were given a score of 0 points – regardless of how often they were reportedly consumed.

The other foodstuffs were given the point scored listed above.

5.	How often do you eat the following foods while watching television?	1	2	3	4	5 Poi	nt value*
		never	seldom	occasion- ally	often	always	
	Sweet popcorn				X		4
[Salted popcorn			X			0
	Chips		X				0
	Sour apple rings	×					0
	Chocolate					X	5
[Fruit				X		0
	Dried apricots / dates						2
[Salted nuts			X			0
	Cookies				X		4
	Raw vegetables (cucumbers, carrots)	· 🗀				X	0
	OTHER (Please indicate):					Σ=	<mark>= 15</mark>
						1	

