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MOVING?

Dietary Intake and Nutritional Status in Regard to Zinc of Institutionalized Aged1

Janet L. Greger, PhD2

METHOD

Subjects.— The 150 members of a statetum institution for the aged who were classified

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Survey procedure.— Survey procedure.

From their medical records.

Nativent intake.— Surspie means with standard-sized servings were collected for 10

	Male	Female			
Number of subjects	/- 3F	′ 34			
Age (years) 19	75.1 ± 10.1a	75.9 ± 5.7			
Height (cm)	171 ± 8	159 ± 6			
Weight (kg)	72 ± 12	67 = 13			
Current diet prescriptions					
Caloric restricted (%)	6	15			
Sodium restricted (%)	- 6	21			
Diabetic (%)	10	12			
Drug prescriptions during las	t year				
For heart & cardiovascular					
disorders (%)	23	38 /-			
For hypertension (%)	10	.26			

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ZINC NUTRITURE OF INSTITUTIONALIZED AGED

51+ Fe		Mean Intake					
	D.A.	Males (n = 31)		Females (ii = 34)		Amounts Provided	
		51+ Fe- male	at Meals	at Snacks and Meals	at Meals	at Snacks and Meals	by General Diet (n = 10 Days)
Energy (kcal)	2400	1800	1669 ± 5432+1	1839 ± 540*	1347 ± 3781	1527 ± 377	2435 ± 267
Protein (em)	- 56	46	71 ± 241	76 ± 25	65 ± 221	72 ± 23	122 ± 14
Fat (gm)	-	100	59 ± 211	64 ± 21	52 ± 211	57 ± 20	91 = 18
Carbohydrate (gm)	-		217 ± 83*1	245 ± 86°	160 ± 471	188 ± 51	298 ± 46
(itamin A (IU)	5000	4000	9797 ± 136171	9934 ± 13614	8230 ± (12981	8460 ± 11296	14842 ± 1459
(scorbic acid (mg)	45	45	84 ± 47†	89 ± 50	94 ± 45†	98 ± 47 =	- 127 ± 15
Thiamin (mg)	1.2	1.0	1.3 ± 0.6*1	1.4 ± 0.6*	1.0 ± 0.3†	1.1 ± 0.4	1.7 ± 0.3
Riboflavin (mg)	1.5	1.1	2.3 ± 1.51	2.5 ± 1.4	1.9 ± 1.1†	2.2 ± 1.2	3.2 ± 1.2
Niscin (me)	16	12	17.2 ± 9.7*1	17.8·± 9.7	13.4 ± 4.81	14.1 ± 4.8	19:2 ± 5.4
Calcium (mg)	800	800	1035 ± 5361	1150 ± 531	844 ± 411†	1028 ± 481	1620 ± 241
ron (mg)	10	10	16.3 ± 9.4*7	16.9 ± 9.5*	12.1 ± 4.91	12.7,± 5.0	19.4 ± 6.2
Magnesium (mg)	350	300	231 ± 63†	251 ± 61	254 ± 128† .	283 ± 121	324 ± 37
Zinc (mg)	15	b 15	7.5 ± 2.11	8.0 ± 2.0	7.9 ± 2.81	. 8.6 ± 2.8	18.7 ± 11.0

Mean \pm standard deviation.

Significant difference (ρ <0.05 level) between males and females.

Significant difference (ρ <0.05 level) between intake at meals verses intake at mea

Nutrient intake. — The facility's general diets provided calories, protein, vitamins, and micrals, except for magnesium, in excess of the Recommend Diets of the days recorded were not significantly of the Recommend Diets of the R

Lowest level of chemical detected consistently	Aged males	Aged females	Young adult female
2mM sucrose	14	12 .	91
MtnM sucrose	14	30	9
RimM sucrose	52	32	0
Unable to identify any of 3 levels of sucrose	21	- 6	. 0
2mM NaCl	7	24	73
HmM NaCl	28	36	27
8mM NaCl	48	21	. 0
Inable to identify any of 3 levels of NaCl	17	18 -	. 0

GREGER

SUMMARY
Dietary intake and nutritional status in regard to zinc were assessed in 31 men and 34 women. The mean age of the subjects was 75 years. All were mobile even though they

were institutionalized. Detarty intake of the content thisman information in the content of the diets was below recommended by the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below recommended to the content of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was below that of younger adults. Approximate of the diets was belowed to the diets was below that the diets was belo

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