

PHYSICAL DIMENSIONS AND QUALITY OF LIFE AT GERIATRIC MOBILE DENTURE WEARERS IN MACEDONIA

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INTRODUCTION

Physical dimension (nutrition and speech) is one important factor for perception of overall oral health and quality of life. Main purpose of this study was to perform an assessment of the influence of the type of edentulism and mobile dentures to a possibility for nutrition and speech at geriatric patients in Macedonia.

MATERIALS AND METHODS

165 PATIENTS AT GERONTOLOGY INSTITUTE SKOPJE (INSPECTED GROUP-IG)

170 PATIENTS FROM THE UNIVERSITY DENTAL CLINIC SKOPJE (CONTROL GROUP-CG) AGE 65 AND OLDER WHO AND GOHAI QUESTIONNAIRES FOR ORAL HEALTH WERE USED.

Answer To Q1	Groups				Total
	IG (No. of patients / percentage)		CG (No. of patients / percentage)		
Never	0	0 %	0	0 %	0
Rare	3	1,82 %	3	1,76 %	6
Sometimes	54	32,73 %	17	10,00 %	71
Often	54	32,73 %	93	54,71 %	147
Very often	54	32,73 %	57	33,53 %	111
Total	165	100,00 %	170	100,00 %	335

How often do you limit the type and quantity of food due to problems with your teeth or dentures?

The difference in restriction in type and quantity of food in both groups was statistically highly significant ($p=0.000002$).

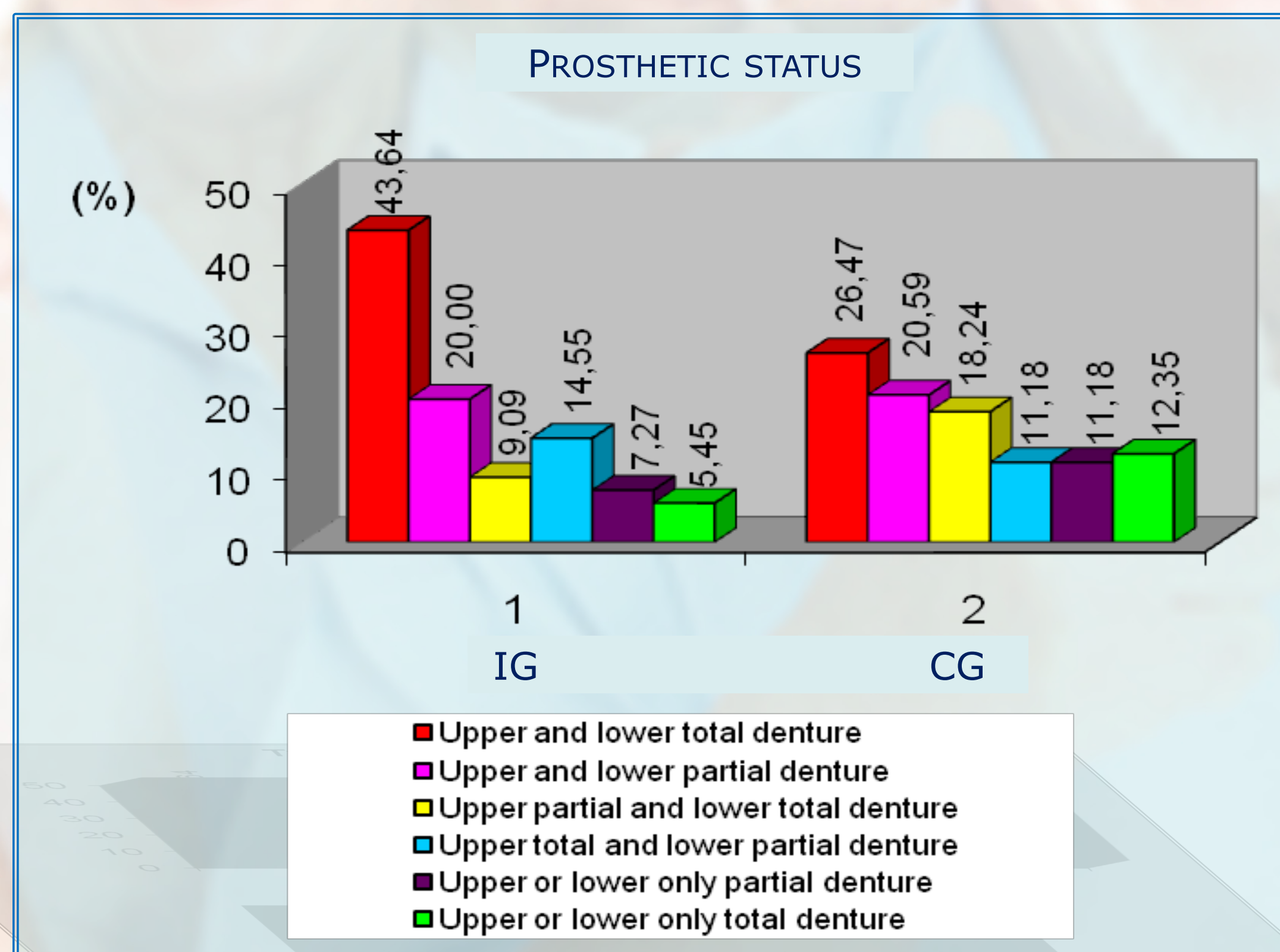
Answer To Q2	Groups				Total
	IG (No. of patients / percentage)		CG (No. of patients / percentage)		
Never	0	0 %	0	0 %	0
Rare	0	0 %	0	0 %	0
Sometimes	18	10,91 %	19	11,18 %	37
Often	66	40,00 %	61	35,88 %	127
Very often	81	49,09 %	90	52,94 %	171
Total	165	100,00 %	170	100,00 %	335

How often do you have difficulty with biting or chewing of different types of food?

There is no significant difference in difficulties with biting or chewing between the patients from both groups.

49,09% of patients from IC and 52,94% of patients from CG have this kind of difficulties.

RESULTS



DOMINANT

UPPER AND LOWER TOTAL DENTURES

Answer To Q3	Groups				Total
	IG (No. of patients / percentage)		CG (No. of patients / percentage)		
Never	0	0 %	0	0 %	0
Rare	51	30,91 %	34	20,00 %	85
Sometimes	84	50,91 %	84	49,41 %	168
Often	27	16,36 %	52	30,59 %	79
Very often	3	1,82 %	0	0,00 %	3
Total	165	100,00 %	170	100,00 %	335

How often are you capable of swallowing comfortably?

Patients of IG have significantly more often problems with swallowing than the patients of CG ($p=0,0026$)

Answer To Q4	Groups				Total
	IG (No. of patients / percentage)		CG (No. of patients / percentage)		
Never	0	0 %	0	0 %	0
Rare	9	5,45 %	7	4,12 %	16
Sometimes	45	27,27 %	22	12,94 %	67
Often	48	29,09 %	68	40,00 %	116
Very often	63	38,18 %	73	42,94 %	136
Total	165	100,00 %	170	100,00 %	335

How often do your teeth or dentures stop you to speak the way you would like?

Patients from CG were highly significantly more often prevented in normal speech because of the mobile dentures they wear ($p=0,0066$), where patients mostly "often" and "very often" have problems with normal speech.

CONCLUSION

Geriatric patients with mobile dentures have disrupted physical dimension of the quality of life (nutrition and speech), significantly more expressed at patients of CG. Patients of both groups have significantly different quality of life, significantly lower at patients of CG.

The authors declare NO conflict of interests.