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**ASSESSMENT IN THE QUALITY OF LIFE OF HEMODIALYSIS PATIENTS IN VICENTE SOTTO MEMORIAL MEDICAL CENTER RENAL CENTER: A CROSS-SECTIONAL STUDY IN THE ONGOING COVID19 PANDEMIC DURING MARCH 2023**

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**Objectives :** This study aimed to determine the overall quality of life among hemodialysis out-patients with CKD in an HD center in a tertiary hospital during the ongoing COVID-19 pandemic last March 2023

**Methods :** A cross sectional survey was administered on adult CKD hemodialysis outpatients at VSMMC Renal and Transplantation Center using the WHOQOL BREF questionnaire with domains on domains on physical health, psychological, social relationships, and environment. Clinical demographic profile was also determined for every respondent. A total of 81 respondents participated in the study. Mean scores were computed from each domain and interpreted using a scoring to reflect the quality of life.

**Results :** Respondents were at an average with an age of 50 years old, Most of them were younger than 50 years old (50.6%), females (54.3%), married (64.2%), unemployed (91.4%), from the northern part of Cebu (45.7%), on hemodialysis for almost 3 years (71.4%), on hemodialysis once a week (63.0%), and riding a bus (59.3%) as mode of transportation. Majority had hypertensive nephrosclerosis (49.4%). Almost half (49.4%) of HD patients perceived a poor to very poor quality of life . Their social life was also worsening (41.9%). Some could not decide on if their environment is worse or better (39.5%). Age and how they perceived their environment are significantly associated,  $\chi^2(20)=40.670$ ,  $p=.004$

**Conclusions :** The overall quality of life in hemodialysis patients with CKD during COVID-19 pandemic was poor as measured through the WHOQOL-BREF Questionnaire.

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**Table 1.** Socio-demographic Profile of the Respondents

Profile	No. of Respondents	Percentage
Age, years		
Mean $\pm$ S.D. = 40.53 $\pm$ 12.29		
Youngest = 21		
Oldest = 70		
Age range, years		
20 to 29	2	2.5
30 to 39	16	19.8
40 to 49	23	28.4
50 to 59	18	22.2
60 to 69	17	21.0
70 and older	5	6.2
Sex		
Male	37	45.7
Female	44	54.3
Civil Status		
Single	22	27.2
Married	52	64.2
Widowed	7	8.6
Occupation		
Employed	7	8.6
Unemployed	74	91.4
Place of Residence		
Within Cebu City	17	21.0
Southern Cebu	27	33.3
Northern Cebu	37	45.7
Duration of maintenance HD, years		
One year	25	30.9
Two years	32	39.5
Three years or more	24	29.6
Frequency of HD		
Once a week	51	63.0
Twice a week	28	34.6
Three times a week	2	2.5
Mode of transportation in coming to dialysis center--		
Ambulance	16	19.8
Bus	48	59.3
Personal vehicle	17	21.0