

Table 1: Sociodemographic and socioeconomic characteristics

	Number	%
Age (Years)		
12 - 22	13	4,5
23 - 33	60	20,7
34 -44	77	26,6
45 -55	73	25,2
56 - 66	49	17
67 and over	18	6,2
Sex		
Male	173	59,7
Female	117	40
Occupation		
Public sector	50	17,2
Private sector	35	12,1
Self employment	37	12,8
Students/pupils	18	6,2
Housewives	53	18,3
Retired	21	7,2
Unemployed	76	26,2
Marital status		
Singles	6	2,1
Married	186	64,1
Divorced / Widowed	61	21,0
Concubinage	37	12,8
Education level		
Not schooling	50	17,2
Primary	46	15,9
Secondary	122	42,1
University	52	18
Schooling in arabic language	20	7
Income periodicity		
No income	139	47,6
Daily	33	11,4
Monthly	102	35,2
Trimestrial	12	4,1
Annual	5	1,7
Level of income		
No income	139	47,9
Lower than the minimum salary (34 664 Fcfa)	32	11,0
34 664 to 100 000 Fcfa	31	10,7
100 000 to 300 000 Fcfa	66	22,8
300 000 to 500 000 Fcfa	15	5,2
500 000 Fcfa and More	7	2,4

The mean age of the study population was 44.3 ± 14 years with extremes ranging from 12 to 82.

Table 2: Monthly direct costs in teaching hospitals and funding source.

Monthly direct costs in teaching hospital (in CFA)				
Teaching hospital	Minimum	Mean	Maximum	IC : 95%
Yalgado	13 565	101 392	325 711	[86741;116043]
Bogodogo	2 800	62 791	260 000	[56162 ; 69420]
Tingandogo	13 880	76 109	1117 200	[49845;102373]
TOTAL	2800	75842,12	1117200	[66380 ; 85304]
Non parametric test of Kruskall – Wallis	Chi 2	149,449		
	p-value	0,000		
Sources of funding				
	Number		%	
Himself	131		45,2	
Relatives	95		32,8	
Childrens	42		14,5	
Friends	14		4,8	
Others	7		2,4	
Insurance	4		1,4	
Social assistance	4		1,4	
Employer and collaborators	1		0,3	

Table 3: Factors associated with the monthly direct cost of dialysis.

Log of direct costs	Coefficients	Standard-Error	p-value	IC 95%
Income (CFA)				
Under Guaranteed minimum wage 34,664(ref)	0,000	.	.	.
34,664 - 99,000	0,148	0,164	0,366	[-0,174 ; 0,471]
100,000 - 299,000	0,109	0,157	0,488	[-0,200 ; 0,418]
300,000 - 499,000	0,195	0,231	0,401	[-0,261 ; 0,651]
500,000 and more	0,218	0,299	0,466	[-0,370 ; 0,806]
Distance (km)				
Under 5 (ref)	0,000	.	.	.
5 - 9	0,197	0,138	0,155	[-0,075 ; 0,468]
10 and more	0,016	0,131	0,906	[-0,243 ; 0,274]
Accompanying the patient				
With companion (ref)	0,000	.	.	.
Without companion	-0,171	0,087	0,051	[-0,342 ; 0,001]
Level of education				
Not schooling (ref)	0,000	.	.	.
Elementary	0,088	0,125	0,483	[-0,158 ; 0,334]
Secondary	0,183	0,123	0,141	[-0,061 ; 0,426]
High education/ university	0,143	0,161	0,374	[-0,174 ; 0,460]
Arabic schooling	0,112	0,156	0,474	[-0,195 ; 0,418]
Occupation				
Public sector (ref)	0,000	.	.	.
Private sector	0,212	0,144	0,144	[-0,073 ; 0,497]
Self employment	-0,251	0,177	0,157	[-0,600 ; 0,097]
Student/pupil	0,007	0,238	0,976	[-0,462 ; 0,477]
Housewife	-0,016	0,198	0,937	[-0,405 ; 0,374]
Unemployed	-0,131	0,181	0,471	[-0,488 ; 0,227]
Invalid	0,083	0,293	0,778	[-0,494 ; 0,660]
Retired	-0,032	0,194	0,870	[-0,414 ; 0,350]
Other	-0,275	0,268	0,305	[-0,803 ; 0,252]
Location				
Urban (ref)	0,000	.	.	.
Rural	0,338	0,116	0,004	[0,108 ; 0,567]
Marital status				
Married polygamist (ref)	0,000	.	.	.
Married monogamous	-0,115	0,123	0,350	[-0,358 ; 0,127]
Divorced	-0,205	0,164	0,212	[-0,528 ; 0,117]
Single	-0,295	0,159	0,064	[-0,607 ; 0,018]
Concubinage	-0,083	0,277	0,766	[-0,628 ; 0,463]
Hospitalization				
Hospitalized (ref)	0,000	.	.	.
Non-hospitalized	-0,513	0,115	0,000	[-0,740 ; -0,286]

Table 3 (continued): Factors associated with the monthly direct cost of dialysis.

Log of direct costs	Coefficients	Standard-Error	p-value	IC 95%
Number of dialysis sessions				
1 (ref)	0,000	.	.	.
2	-0,081	0,160	0,612	[-0,395 ; 0,233]
3	0,097	0,230	0,672	[-0,355 ; 0,550]
High blood pressure	0,152	0,247	0,538	[-0,334 ; 0,638]
Diabetes	-0,167	0,132	0,207	[-0,426 ; 0,093]
Transports				
Private car (ref)	0,000	.	.	.
Taxi	-0,206	0,150	0,171	[-0,503 ; 0,090]
Motorcycle	-0,482	0,102	0,000	[-0,684 ; -0,280]
Others	-1,182	0,274	0,000	[-1,722 ; -0,641]
Teaching Hospital				
Yalgado Ouédraogo (ref)	0,000	.	.	.
Bogodogo	-0,492	0,176	0,006	[-0,838 ; -0,146]
Tingandogo	-0,217	0,115	0,061	[-0,444 ; 0,010]
Lenght of care	0,008	0,044	0,851	[-0,078 ; 0,094]
Complications of dialysis	0,074	0,278	0,789	[-0,473 ; 0,622]
Hyperuricemia disease	-0,015	0,174	0,931	[-0,358 ; 0,327]
Sickle cell disease	0,253	0,351	0,471	[-0,438 ; 0,945]
Household size	0,009	0,011	0,390	[-0,012 ; 0,030]
Sex				
Female (ref)	0,000	.	.	.
Male	-0,050	0,099	0,613	[-0,246 ; 0,146]
Age (years)				
12 - 22 (ref)	0,000	.	.	.
23 - 33	0,181	0,217	0,404	[-0,246 ; 0,608]
34 - 44	0,248	0,242	0,307	[-0,229 ; 0,724]
45 - 55	0,033	0,244	0,894	[-0,448 ; 0,514]
56 - 66	0,127	0,255	0,619	[-0,376 ; 0,631]
67 and more	-0,095	0,282	0,737	[-0,651 ; 0,461]
Constant	6,248	2,434	0,011	[1,453 ; 11,043]