

Table 1 Missed opportunities to diagnose hypertension among patients presenting at Civil Hospital, Karachi, Pakistan (n = 359)

Characteristics	No hypertension			Hypertension						P
	Mean (SD)	Count	95% CI	Missed opportunity			No missed opportunity			
				Mean (SD)	Count	95% CI	Mean (SD)	Count	95% CI	
Age (yr)	38 (12)			46 (11)			45 (11)			–
Sex										
Female		157	47.6 (42.2–53.0)		76	23.0 (18.7–27.8)		97	29.4 (24.7–34.5)	0.036
Male		21	72.4 (54.6–86.0)		3	10.3 (3.0–25.1)		5	17.2 (6.9–33.7)	
Education										
Uneducated		115	47.5 (41.3–53.8)		51	21.1 (16.3–26.5)		76	31.4 (25.0–37.4)	0.229
Primary		31	47.7 (35.9–59.7)		18	27.7 (18.0–39.4)		16	24.6 (15.4–36.0)	
Secondary		32	61.5 (48.0–73.8)		10	19.2 (10.3–31.4)		10	19.2 (10.3–31.4)	
Ethnicity										
Pushto		72	54.5 (46.0–62.9)		26	19.7 (13.6–27.1)		34	25.8 (18.9–33.7)	0.593
Sindhi		38	55.1 (43.3–66.4)		11	15.9 (8.8–25.9)		20	29.0 (19.3–40.4)	
Urdu		37	44.6 (34.2–55.3)		21	25.3 (16.9–35.4)		25	30.1 (21.1–40.5)	
Punjabi		23	41.8 (29.5–55.0)		16	29.1 (18.4–41.9)		16	29.1 (18.4–41.9)	
Balochi		8	40.0 (21.1–61.6)		5	25.0 (10.2–46.4)		7	35.0 (17.2–56.8)	
Risk factors for HTN										
0		8	100.0%		0	0%		0	0%	<0.001
1		43	97.7 (89.9–99.8)		0	0%		1	2.3 (0.2–10.1)	
2		73	88.0 (79.7–93.6)		5	6.0 (2.3–12.7)		5	6.0 (2.3–12.7)	
≥ 3		54	24.1 (18.9–30.0)		74	33.0 (27.1–39.4)		96	42.9 (36.5–49.4)	
Body mass index										
Healthy		53	67.9 (57.1–77.5)		13	16.7 (9.7–26.1)		12	15.4 (8.7–24.6)	0.003
Overweight		53	50.5 (41.0–59.9)		26	24.8 (17.3–33.6)		26	24.8 (17.3–33.6)	
Obese class I		53	46.1 (37.2–55.2)		25	21.7 (15.0–29.9)		37	32.2 (24.2–41.1)	
Obese class II or III		17	29.8 (19.2–42.5)		14	24.6 (14.8–36.8)		26	45.6 (33.2–58.5)	
Underweight		2	50.0 (12.3–87.7)		1	25.0 (2.8–71.6)		1	25.0 (2.8–71.6)	
Systolic blood pressure										
80–129.99		144	65.8 (59.3–71.8)		31	14.2 (10.0–19.2)		44	20.1 (15.2–25.8)	<0.001
130–139.99		17	29.8 (19.2–42.5)		20	35.1 (23.7–48.)		20	35.1 (23.7–48.0)	
140–185		17	20.5 (12.9–30.1)		28	33.7 (24.3–44.3)		38	45.8 (35.4–56.5)	
Diastolic blood pressure										
≤80		140	67.0 (60.4–73.1)		27	12.9 (8.9–18.0)		42	20.1 (15.1–25.9)	<0.001
81–89		3	20.0 (6.0–44.4)		7	46.7 (23.9–70.6)		5	33.3 (14.0–58.4)	
>90		35	25.9 (19.1–33.8)		45	33.3 (25.8–41.6)		55	40.7 (32.7–49.2)	
Smoking										
No		171	49.7 (44.4–55.0)		76	22.1 (18.0–26.7)		97	28.2 (23.6–33.1)	0.910
Yes		7	46.7 (23.9–70.6)		3	20.0 (6.0–44.4)		5	33.3 (14.0–58.4)	
Salt intake										
No		147	49.7 (44.0–55.3)		65	22.0 (17.5–26.9)		84	28.4 (23.5–33.7)	0.998
Yes		31	49.2 (37.1–61.4)		14	22.2 (13.3–33.6)		18	28.6 (18.6–40.5)	
Diabetes										
No		157	54.1 (48.4–59.8)		61	21.0 (16.6–26.0)		72	24.8 (20.1–30.0)	0.001
Yes		21	30.4 (20.5–41.9)		18	26.1 (16.9–37.3)		30	43.5 (32.2–55.2)	
Family history of CVD										
No		49	62.8 (51.8–72.9)		15	19.2 (11.7–29.0)		14	17.9 (10.7–27.5)	0.021
Yes		129	45.9 (40.1–51.8)		64	22.8 (18.2–27.9)		88	31.3 (26.1–36.9)	

CI = confidence interval; CVD = cardiovascular disease; HTN = hypertension; SD = standard deviation.