

Table 2 Frequency of risk factors for metabolic syndrome by sex in those with hypertension according to the criteria of the World Health Organization (WHO), National Cholesterol Education Program Adult Treatment Panel-III (ATP-III) and International Diabetes Federation (IDF)

Protocol	Males (n = 143)		Females (n = 202)		Total (n = 345)	
	No.	%	No.	%	No.	%
WHO (1999) criteria						
Obesity (BMI > 30 kg/m ²)	58	40.5	120	59.5	178	51.6
High TG	67	46.9	104	51.5	171	49.6
Low HDL-C	29	20.3	46	22.7	75	21.7
Diabetes mellitus	46	32.2	57	28.2	103	29.9
ATP-III (2001) criteria						
Obesity (high WC)	74	51.7	170	84.2	244	70.7
High TG	67	46.9	104	51.5	171	49.6
Low HDL-C	55	38.5	115	56.9	170	49.0
Diabetes mellitus	46	32.2	57	28.2	103	29.9
IDF (2005) criteria						
Obesity (high WC)	117	81.8	180	89.1	297	86.1
High TG	67	46.9	104	51.5	171	49.6
Low HDL-C	55	38.5	115	56.9	170	49.0
Diabetes mellitus	46	32.2	57	28.2	103	29.9

WC = waist circumference; TG = triglycerides; BMI = body mass index; HDL-C = high-density lipoprotein cholesterol.