

Table 3 Frequency of metabolic syndrome by sex according to criteria of the World Health Organization (WHO), National Cholesterol Education Program Adult Treatment Panel-III (ATP-III) and International Diabetes Federation (IDF)

| Criteria | Males (n = 143) | | Females (n = 202) | | Total (n = 345) | |
|----------------------------|--------------------|------|----------------------|------|--------------------|------|
| | No. | % | No. | % | No. | % |
| WHO (1999) | | | | | | |
| With metabolic syndrome | 39 | 27.3 | 54 | 26.7 | 93 | 26.9 |
| Without metabolic syndrome | 104 | 72.3 | 148 | 73.3 | 252 | 73.1 |
| ATP-III (2001) | | | | | | |
| With metabolic syndrome | 76 | 53.1 | 149 | 73.7 | 225 | 65.2 |
| Without metabolic syndrome | 67 | 46.9 | 53 | 26.3 | 120 | 34.8 |
| IDF (2005) | | | | | | |
| With metabolic syndrome | 85 | 59.5 | 139 | 68.8 | 224 | 64.9 |
| Without metabolic syndrome | 58 | 40.5 | 63 | 31.2 | 121 | 35.1 |