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| **Supplementary table 1. Description of study population by age groups.** | | | |
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|  | *10-12 years old* | *13–15 years old* | *16-17 years old* |
| *n* | 576 | 665 | 431 |
| Male/Female *n* | 279/297 | 338/327 | 214/217 |
| Glucose (mg/dL) | 87(81-92) | 84(77-90) | 79(73-85) |
| HDL-C (mg/dL) | 48(41-58) | 46(38-54) | 45(37-54) |
| LDL-C (mg/dL) | 105.8(87.3-123.9) | 94.4(78.7-111.9) | 94.0(77.0-110.2) |
| Triglycerides (mg/dL) | 81(59-107.7) | 76 (57-103) | 71(55-93) |
| SBP (mm Hg) | 100(90-110) | 110(100-120) | 110(100-120) |
| DBP (mm Hg) | 60(60-60) | 60(60-70) | 60(60-70) |
| BMI (Kg/m2) | 17.6(16.0-19.7) | 19.6(17.8-21.4) | 20.9(19.6-22.9) |
| *Skinfold thickness* |  |  |  |
| Subscapular (cm) | 9.0(7.0-12.7) | 11(8.7-15) | 13(10-17) |
| Abdominal (cm) | 14.2(9.6-22) | 16.5(11-23.2) | 18(11-25) |
| Suprailiac (cm) | 10(7.0-16) | 12(9.0-18.2) | 14(9.0-20) |
| WC (cm) | 60.5(57-66) | 66.0(62-70) | 69.5(65.5-73.5) |
| Waist-to-height ratio | 0.41(0.39-0.45) | 0.41(0.39-0.43) | 0.41(0.40-0.44) |
| Data are median (interquartile range). P<0.001 for threshold across age groups for all the biochemical, blood pressure and anthropometrical variables (Kruskall-Wallis test). HDL-C, HDL cholesterol. LDL-C, LDL cholesterol. SBP, systolic blood pressure. DBP, diastolic blood pressure. WC, waist circumference. BMI, body mass index. SS, subscapular skinfold. AS, abdominal skinfold. SIS, suprailiac skinfold | | | |