

WEB TABLE II CUT-OFF VALUES OF ANTHROPOMETRIC INDICES FOR PREDICTION OF HYPERTENSION ACROSS DIFFERENT AGE GROUPS FOR BOTH SEXES

Age group [§]	High blood pressure	BMI (kg/m ²)		Waist(cm)		WHtR		TSFT(mm)		Wrist(cm)	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Group 1	Cut-off	17.5	16.1	68	62	0.50	0.51	10.6	13.3	12.9	12.1
	Sensitivity (%)	62.2	76.7	55.6	69.8	70.7	62.8	64.6	62.8	70.7	69.8
	Specificity (%)	72.2	65.3	59.6	62.3	60.3	66.9	62.7	77.2	66.8	71.7
	AUC [#] (95% CI)	0.71 ± 0.03 (0.65-0.77)	0.76 ± 0.04 (0.68-0.84)	0.64 ± 0.03 (0.57-0.70)	0.71 ± 0.04 (0.62-0.79)	0.69 ± 0.03 (0.63-0.75)	0.69 ± 0.05 (0.59-0.78)	0.68 ± 0.03 (0.62-0.74)	0.74 ± 0.04 (0.67-0.82)	0.70 ± 0.03 (0.65-0.76)	0.77 ± 0.03 (0.70-0.85)
Group 2	Cut-off	21.8	19.2	81	77	0.53	0.51	14.5	16.8	14.8	13.5
	Sensitivity (%)	81.0	77.8	83.3	71.1	72.6	75.6	77.4	73.3	72.6	75.6
	Specificity (%)	83.5	65.9	70.0	70.5	82.9	61.6	76.0	74.0	68.8	64.2
	AUC [#] (95% CI)	0.88 ± 0.02 (0.85-0.92)	0.78 ± 0.04 (0.70-0.85)	0.84 ± 0.02 (0.79-0.88)	0.75 ± 0.04 (0.66-0.83)	0.85 ± 0.02 (0.81-0.90)	0.76 ± 0.04 (0.69-0.83)	0.82 ± 0.02 (0.78-0.87)	0.77 ± 0.04 (0.70-0.85)	0.76 ± 0.03 (0.70-0.81)	0.73 ± 0.04 (0.65-0.81)
Group 3	Cut-off	26.1	22.7	90	87	0.53	0.55	17.4	18.4	15.9	13.7
	Sensitivity (%)	90.9	93.3	90.9	80.0	90.9	86.7	90.9	86.7	72.7	73.3
	Specificity (%)	94.6	78.2	87.9	82.9	84.4	73.3	87.5	80.0	83.9	63.5
	AUC [#] (95% CI)	0.97 ± 0.01 (0.95-0.99)	0.91 ± 0.03 (0.87-0.96)	0.95 ± 0.02 (0.91-0.98)	0.89 ± 0.04 (0.82-0.96)	0.92 ± 0.04 (0.85-0.98)	0.89 ± 0.04 (0.81-0.96)	0.93 ± 0.04 (0.84- 1.0)	0.87 ± 0.04 (0.79-0.95)	0.76 ± 0.09 (0.59-0.94)	0.73 ± 0.07 (0.59-0.87)

[#]AUC data are presented as mean ± SE (95% confidence interval): [§] Group 1- 6-11 yr - boys, 6-9 yr- girls; Group 2: 12-15 yr - boys, 10-14 girls; Group 3- 16-18 yr - boys, 15-18 yr- girls.