

Table S1. The mean values for the basic clinical characteristics of 30-79-year-old OSA patients according to sleep study method (PSG = polysomnography or PG = cardiorespiratory polygraphy) in ten-year age groups and the p-values for the differences. The 95% CIs are presented in parentheses.

Age group		PSG	PG	p-value
30-39 years n = 2,473	BMI (kg/m²)	32.08 (31.72-32.45)	33.62 (33.16-34.08)	<0.001
	ESS score	10.44 (10.13-10.72)	10.10 (9.78-10.41)	0.111
	AHI (events/h)	37.60 (36.03-39.18)	32.11 (30.44-33.78)	<0.001
	Mean SpO₂ (%)	93.29 (93.10-93.48)	92.96 (92.72-93.20)	0.035
	Lowest SpO₂ (%)	80.47 (79.90-81.04)	78.89 (78.26-79.52)	<0.001
	ODI (events/hour)	32.48 (30.81-34.15)	29.97 (28.22-31.72)	0.042
	CGI-S	1.94 (1.86-2.02)	2.48 (2.38-2.58)	<0.001
40-49 years n = 5,169	BMI (kg/m²)	32.83 (32.58-33.08)	33.72 (33.42-34.02)	<0.001
	ESS score	10.47 (10.27-10.67)	10.31 (10.09-10.52)	0.262
	AHI (events/h)	39.31 (38.27-40.36)	33.08 (32.04-34.12)	<0.001
	Mean SpO₂ (%)	92.78 (92.64-92.92)	92.63 (92.50-92.77)	0.137
	Lowest SpO₂ (%)	79.21 (78.80-79.62)	77.88 (77.45-78.31)	<0.001
	ODI (events/hour)	34.32 (33.18-35.45)	31.41 (30.28-32.54)	<0.001
	CGI-S	2.14 (2.09-2.20)	2.73 (2.66-2.80)	<0.001
50-59 years n = 7,426	BMI (kg/m²)	32.38 (32.17-32.59)	32.49 (32.27-32.70)	0.499
	ESS score	9.93 (9.76-10.10)	10.01 (9.84-10.19)	0.491
	AHI (events/h)	37.87 (37.08-38.67)	31.72 (30.97-32.47)	<0.001
	Mean SpO₂ (%)	92.53 (92.42-92.64)	92.36 (92.25-92.47)	0.036
	Lowest SpO₂ (%)	78.66 (78.33-79.00)	77.76 (77.43-78.09)	<0.001
	ODI (events/hour)	32.92 (32.06-33.78)	30.58 (29.72-31.44)	<0.001
	CGI-S	2.34 (2.28-2.39)	2.79 (2.74-2.85)	<0.001
60-69 years n = 5,943	BMI (kg/m²)	32.23 (32.01-32.44)	31.81 (31.59-32.04)	0.010
	ESS score	9.38 (9.19-9.57)	9.10 (8.92-9.29)	0.043
	AHI (events/h)	38.04 (37.20-38.87)	30.84 (30.07-31.61)	<0.001
	Mean SpO₂ (%)	92.13 (92.01-92.25)	92.17 (92.05-92.29)	0.619
	Lowest SpO₂ (%)	77.97 (77.62-78.33)	77.30 (76.94-77.66)	0.009
	ODI (events/hour)	33.70 (32.78-34.62)	29.24 (28.39-30.10)	<0.001
	CGI-S	2.44 (2.38-2.51)	2.97 (2.91-3.04)	<0.001
70-79 years n = 2,407	BMI (kg/m²)	31.28 (30.94-31.63)	30.95 (30.61-31.28)	0.170
	ESS score	8.66 (8.37-8.96)	8.74 (8.46-9.02)	0.727
	AHI (events/h)	39.09 (37.80-40.38)	29.98 (28.89-31.06)	<0.001
	Mean SpO₂ (%)	91.65 (91.46-91.84)	92.02 (91.84-92.21)	0.005
	Lowest SpO₂ (%)	77.63 (77.10-78.17)	77.66 (77.15-78.18)	0.939
	ODI (events/hour)	36.07 (34.60-37.55)	28.09 (26.90-29.27)	<0.001
	CGI-S	2.72 (2.62-2.83)	2.94 (2.84-3.03)	0.004

Abbreviations: AHI = apnoea-hypopnoea index, BMI = body mass index, CGI-S = Clinical Global Impression Severity, ESS = Epworth Sleepiness Scale, ODI = Oxygen Desaturation Index, SpO₂ = Oxygen saturation