




Correction to: Comparison of the usability of an automatic sleep staging program via portable 1-channel electroencephalograph and manual sleep staging with traditional polysomnography

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In the original publication of this article, in Table 2, the lengths of each sleep stage (N1, N2, N3, REM) were

incorrectly listed as the same for all participants, the patient group, and the healthy group. The correct data (Table 2) is given in this correction. This error does not impact the conclusions of the article.

The original article has been corrected.

The original article can be found online at <https://doi.org/10.1007/s41105-022-00421-5>.

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Table 2 Sleep outcome measures for the patient and healthy groups based on the Sleep Scope system and polysomnography findings

Outcome measure	Sleep Scope	Polysomnography (expert)		
		1	2	3
All participants (<i>N</i> = 40)				
Total sleep time (min)	408 (69)	425 (69)	414 (72)	400 (74)
Sleep onset latency (min)	24 (18)	21 (16)	21 (17)	21 (16)
WASO (min)	70 (58)	55 (58)	67 (61)	81 (63)
SE (%)	81 (12)	85 (12)	82 (13)	80 (13)
Number of awakenings, ≤ 2 min	131 (115)	188 (69)	119 (77)	111 (57)
Sleep stage				
N1 (min)	56 (50)	83 (49)	85 (60)	80 (54)
N2 (min)	222 (64)	205 (57)	193 (72)	223 (86)
N3 (min)	36 (34)	62 (40)	47 (33)	24 (23)
REM (min)	93 (38)	74 (27)	88 (31)	73 (29)
Undeterminable (% of total epochs of all participants)	0.214	1.11	0.546	0.0224
Patient group (<i>N</i> = 26)				
Total sleep time (min)	385 (71)	403 (72)	391 (76)	374 (75)
Sleep onset latency (min)	21 (12)	18 (11)	18 (11)	19 (11)
WASO (min)	88 (63)	72 (65)	86 (68)	101 (69)
SE (%)	78 (14)	82 (14)	79 (15)	76 (15)
Number of awakenings, ≤ 2 min	165 (126)	197 (58)	135 (83)	123 (61)
Sleep stage				
N1 (min)	67 (58)	95 (55)	100 (67)	94 (60)
N2 (min)	205 (69)	187 (60)	170 (76)	194 (90)
N3 (min)	29 (36)	53 (41)	39 (36)	18 (21)
REM (min)	84 (37)	69 (29)	82 (35)	67 (31)
Undeterminable (% of total epochs of all participants)	0.327	1.19	0.642	0.00389
Healthy group (<i>N</i> = 14)				
Total sleep time (min)	450 (41)	466 (38)	456 (35)	448 (40)
Sleep onset latency (min)	30 (24)	26 (22)	27 (22)	26 (22)
WASO (min)	36 (19)	24 (17)	33 (18)	43 (20)
SE (%)	87 (5)	90 (5)	88 (5)	87 (5)
Number of awakenings, ≤ 2 min	69 (39)	169 (81)	89 (48)	90 (38)
Sleep stage				
N1 (min)	37 (11)	62 (21)	59 (25)	53 (19)
N2 (min)	254 (30)	238 (26)	237 (29)	276 (34)
N3 (min)	49 (22)	80 (29)	62 (17)	35 (20)
REM (min)	110 (33)	85 (17)	98 (18)	84 (19)
Undeterminable (% of total epochs of all participants)	0.0138	0.976	0.374	0.0554

All participants (*N* = 40)

All data are presented as the mean value and standard deviation [mean (SD)]

N1 sleep stage N1, *N2* sleep stage N2, *N3* sleep stage N3, *REM* rapid eye movement, *WASO* wake after sleep onset, *SE* sleep efficiencyNote (for all tables): Sleep Scope is manufactured by SleepWell Co., Ltd. (Osaka, Japan; <https://sleepwell.co.jp/sleepscope>)