

Supplementary Table 1a. Clinical and biochemical characteristics in matched cohorts of patients with primary AI from the EU-AIR with prednisolone or hydrocortisone replacement therapy.

Variable	After matching	
	Prednisolone (n=19)	Hydrocortisone (n=57)
Daily dose, mg	4.9 (0.9)	22.8 (4.8)
Body mass index, kg/m ²	26.2 (3.3) (n=18)	26.5 (4.9) (n=51)
Systolic blood pressure, mmHg	122.7 (17.0) (n=19)	125.7 (16.3) (n=54)
Diastolic blood pressure, mmHg	75.4 (8.4) (n=19)	77.5 (10.0) (n=54)
Waist circumference, cm	96.3 (9.2) (n=10)	91.1 (11.4) (n=31)
Total cholesterol, mmol/l	6.5 (1.1) ** (n=10)	5.4 (1.0) (n=36)
High density lipoprotein, mmol/l	1.7 (0.4) (n=9)	1.6 (0.4) (n=34)
Low density lipoprotein, mmol/l	4.1 (0.9) ** (n=9)	3.0 (0.8) (n=30)
HbA1c, %	5.7 (0.5) (n=11)	6.0 (1.2) (n=39)
Triglycerides, mmol/l	1.6 (0.7) (n=10)	1.7 (0.7) (n=36)
Proportion of patients using statins, %	26.3	19.3

Data show mean (\pm SD) unless otherwise indicated.

** $P < 0.01$ (two-sample t -tests)

AI, adrenal insufficiency; EU-AIR, European Adrenal Insufficiency Registry; SD, standard deviation

Supplementary Table 1b. Clinical and biochemical characteristics in matched cohorts of patients with secondary AI from the EU-AIR with prednisolone or hydrocortisone replacement therapy.

Variable	After matching	
	Prednisolone (n=28)	Hydrocortisone (n=84)
Daily dose, mg	5.0 (0.4)	20.7 (4.7)
Body mass index, kg/m ²	27.9 (4.1) (n=26)	28.8 (5.4) (n=68)
Systolic blood pressure, mmHg	131.1 (18.4) (n=28)	135.0 (18.3) (n=79)
Diastolic blood pressure, mmHg	79.2 (9.6) (n=28)	80.7 (10.1) (n=79)
Waist circumference, cm	101.4 (17.1) (n=11)	99.0 (14.4) (n=55)
Total cholesterol, mmol/l	6.2 (1.7) * (n=26)	5.3 (1.2) (n=46)
High density lipoprotein, mmol/l	1.4 (0.5) (n=22)	1.5 (0.4) (n=42)
Low density lipoprotein, mmol/l	3.7 (1.5) (n=25)	3.3 (1.0) (n=41)
HbA1c, %	5.8 (1.2) (n=21)	5.6 (0.6) (n=42)
Triglycerides, mmol/l	1.9 (0.8) (n=25)	2.0 (0.9) (n=46)
Proportion of patients using statins, %	25.0	32.1

Data show mean (\pm SD) unless otherwise indicated.

* $P=0.038$ (two-sample t -tests)

AI, adrenal insufficiency; EU-AIR, European Adrenal Insufficiency Registry; SD, standard deviation