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**Table S1.** Nutritional status in the studied group – supplementary data

No.	Body mass [kg]	Height [cm]	BMI [kg/m <sup>2</sup> ]	PAL
1.	68.0	175.0	22.2	1.6
2.	53.6	175.2	17.4	1.6
3.	69.1	162.2	26.4	1.4
4.	46.2	156.0	19.0	1.6
5.	35.5	152.0	15.4	1.6
6.	39.3	147.8	18.2	1.75
7.	32.0	135.0	17.6	1.6
8.	12.3	90.4	16.9	1.6
9.	28.2	137.5	14.9	1.6
10.	76.0	182.0	23.0	1.6
11.	11.7	86.0	15.8	1.75
12.	53.0	160.0	20.7	1.75
13.	17.9	109.0	15.0	1.75
14.	69.9	153.0	29.9	1.4
15.	77.0	173.0	25.8	1.6
16.	21.5	119.0	15.1	1.75
17.	104.2	167.0	37.3	1.4
18.	50.0	160.0	19.5	1.6
19.	128.0	165.0	47.0	1.4
20.	40.7	163.5	15.2	1.6

**Table S2.** Recommended intake of energy and macronutrients in subjects with PWS – supplementary data

	<b>Protein</b>	<b>Fat</b>	<b>SFA</b>	<b>Carbohydrates</b>	<b>Fiber</b>
<b>No.</b>	<b>10-20% EER</b>	<b>20-35%</b>	<b>6% EER</b>	<b>45 – 65 % EER</b>	<b>AI</b>
	<b>[g]</b>	<b>EER [g]</b>	<b>[g]</b>	<b>[g]</b>	<b>[g]</b>
1	49.7 - 99.4	44.2 – 77.3	13,3	224 - 323	25
2	63.8 – 127.5	56.7 – 99.2	17,0	287 – 414	25
3	39.4 – 78.8	35.0 – 61.3	10,5	177 – 256	21
4	56.3 – 112.5	50.0 – 87.5	15,0	253 – 366	19
5	44.1 – 88.2	39.2 – 68.6	11,8	198 – 287	19
6	46.0 – 91.9	40.8 – 71.5	12,3	207 – 299	19
7	44.1 – 88.2	39.2 – 68.6	11,8	198 – 287	19
8	26.3 – 52.5	23.3 – 40.8	7,0	118 – 171	14
9	44.1 – 88.2	39.2 – 68.6	11,8	198 – 287	16
10	54.4 – 108.8	48.3 – 84.6	14,5	245 – 353	25
11	18.8 – 37.5	16.7 – 29.2	5,0	84 – 122	10
12	30.6-61.3	27.2 – 47.6	8,2	138 – 199	25
13	26.3 – 52.5	23.3 – 40.8	7,0	118 – 171	14
14	33.8 – 67.5	30.0 – 52.5	9,0	152 – 219	25
15	49.7 – 99.4	44.2 – 77.3	13,3	224 – 323	25
16	39.4 – 78.8	35.0 – 61.3	10,5	177 – 256	16
17	25.6 – 51.3	22.8 – 39.9	6,8	115 – 167	25
18	39.4 – 78.8	35.0 – 61.3	10,5	177 – 256	19
19	26.3 – 52.5	23.3 – 40.8	7,0	118 – 171	25
20	56.3 – 112.5	50,0 – 87.5	15,0	253 - 366	21

**Table S3.** Recommended intake of selected vitamins in subjects with PWS – supplementary data

No.	Vitamin B <sub>1</sub> MJ	Vitamin B <sub>1</sub> EAR [mg]	Vitamin B <sub>2</sub> EAR [mg]	Vitamin B <sub>3</sub> EAR [mg]	Vitamin B <sub>6</sub> EAR [mg]	Folic acid EAR [μg]	Vitamin B <sub>12</sub> EAR [μg]	Vitamin C EAR [mg]	Vitamin A (retinol equivalent) EAR [μg]	Vitamin D AI [μg]	Vitamin E AI [mg]
1	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
2	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
3	9.3	0.67	1.4	12.1	1.3	250	4.0	75	490	15	11
4	8.6	0.62	1.1	11.2	1.2	210	3.5	60	480	15	13
5	7.4	0.53	1.1	9.6	1.2	210	3.5	60	480	15	13
6	7.0	0.50	1.1	9.1	1.2	210	3.5	60	480	15	11
7	7.4	0.53	1.1	9.6	1.2	210	3.5	60	480	15	13
8	4.9	0.35	0.6	6.4	0.6	110	1.5	25	245	15	9
9	7.1	0.51	0.8	9.2	0.9	160	2.5	40	320	15	13
10	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
11	4.6	0.33	0.5	6.0	0.5	90	1.5	15	205	15	6
12	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
13	5.9	0.42	0.6	7.7	0.6	110	1.5	25	245	15	9
14	7.9	0.57	1.3	10.3	1.3	250	4.0	80	490	15	11
15	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
16	6.3	0.45	0.8	8.2	0.9	160	2.5	40	320	15	9
17	7.9	0.57	1.3	10.3	1.3	250	4.0	80	490	15	11
18	7.6	0.53	1.1	9.6	1.2	210	3.5	60	480	15	11
19	9.8	0.71	1.3	12.7	1.5	250	4.0	90	570	15	13
20	9.9	0.71	1.4	12.9	1.5	250	4.0	85	580	15	13

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**Table S4.** Recommended intake of selected minerals in subjects with PWS – supplementary data

	Sodium	Potassium	Calcium	Phosphorus	Magnesium	Iron	Zinc	Copper	Iodine
No.	AI	AI	EAR	AI	AI	EAR	EAR	AI	AI
	[mg]	[mg]	[mg]	[mg]	[mg]	[mg]	[mg]	[mg]	[mg]
1	2000	3500	860	550	350	6.0	9.3	1.6	150
2	2000	3500	860	550	350	6.0	9.3	1.6	150
3	2000	3500	860	640	250	7.0	9.9	1.1	130
4	2000	2700	960	640	300	8.0	8.9	1.3	120
5	2000	2700	960	640	300	8.0	8.9	1.3	120
6	2000	2700	960	640	250	8.0	8.9	1.1	120
7	2000	2700	960	640	300	8.0	8.9	1.3	120
8	1300	1100	680	440	230	5.0	4.6	1.0	90
9	1700	1800	680	440	300	8.0	6.2	1.3	90
10	2000	3500	860	550	350	6.0	9.3	1.6	150
11	1100	800	390	250	170	5.0	3.6	0.7	90
12	2000	3500	750	550	350	6.0	9.3	1.6	150
13	1300	1100	680	440	230	5.0	4.6	1.0	90
14	2000	3500	860	550	300	7.0	7.6	1.3	150
15	2000	3500	860	550	350	6.0	9.3	1.6	150
16	1700	1800	680	440	230	8.0	6.2	1.0	90
17	2000	3500	860	550	300	7.0	7.6	1.3	150
18	2000	2700	960	640	250	7.0	8.9	1.1	120
19	2000	3500	750	550	350	6.0	9.3	1.6	150
20	2000	3500	960	640	300	8.0	11.8	1.3	130