



## **Supplementary Material**

**Article Title:** Pre-Treatment Cardiometabolic Status in Youth With Early-Onset Psychosis: Baseline Results From the TEA Trial

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### **List of Supplementary Material for the article**

1. [eTable 1](#) Definition of Metabolic Syndrome in Children and Adolescents by the International Diabetes Federation
2. [eTable 2](#) Measurements for Patients (n=3) With Metabolic Syndrome

### **Disclaimer**

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**Supplementary eTable 1: Definition of metabolic syndrome in children and adolescents by the International Diabetes Federation**

<b>Metabolic Syndrome is present if there is obesity plus two or more other criteria are fulfilled</b>					
<b>Age group (years)</b>	<b>Obesity (waist circumference)</b>	<b>Triglycerides</b>	<b>HDL-cholesterol</b>	<b>Blood pressure</b>	<b>Glucose</b>
<b>6 to &lt;10</b>	≥ 90th percentile	Metabolic syndrome cannot be diagnosed, but further measurements should be made if there is a family history of metabolic syndrome, T2DM, dyslipidemia, cardiovascular disease, hypertension and/or obesity.			
<b>10 to &lt;16</b>	≥ 90th percentile or adult cut-off if lower	≥ 1.7 mmol/L (≥ 150 mg/dL)	< 1.03 mmol/L (< 40 mg/dL)	Systolic BP ≥ 130 or diastolic BP ≥ 85 mm Hg	FPG ≥ 5.6 mmol/L (100 mg/dL) or known T2DM
<b>≥ 16 (adult criteria)</b>	WC ≥ 94cm for Euroid males and ≥ 80cm for Euroid females, with ethnic-specific values for other groups	≥ 1.7 mmol/L (≥ 150 mg/dL) or specific treatment for high triglycerides	< 1.03mmol/L (< 40 mg/dL) in males and < 1.29mmol/L (< 50 mg/dL) in females, or specific treatment for low HDL	Systolic BP ≥ 130 or diastolic BP ≥ 85 mm Hg or treatment of previously diagnosed hypertension	FPG ≥ 5.6 mmol/L (100 mg/dL) or known T2DM

BP: Blood Pressure; cm: centimeters; FPG, Fasting Plasma Glucose; HDL, High Density Lipoprotein; mg/dL, milligrams per deciliter; mmol/L: millimoles per liter; T2DM, Type 2 Diabetes Mellitus; WC, Waist Circumference.

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Table 2: Measurements for patients (n=3) with metabolic syndrome

	Age, years	Gender	Alcohol	Cigarettes per day	Systolic BP, mmHg	Diastolic BP, mmHg	Heart Rate, bpm	Weight, kg	Height, m	WC, cm	BMI, kg/m <sup>2</sup>	BMI z-score	WC z-score	Tanner stage	LDL-cholesterol mmol/L	HDL-cholesterol mmol/L	Triglycerides mmol/L	Glucose mmol/L	Insulin pmol/l
1	15	M	0	0	152	95	82	82.7	1.84	88.0	24.4	1.4	2.3	4	1.90	.70	1.07	5.5	27.0
2	14	M	0	7	145	76	60	79.7	1.82	90.0	24.1	1.5	2.8	4	1.80	.80	1.00	5.1	17.0
3	15	F	0	10	118	55	78	79.3	1.65	97.0	29.1	2.7	5.3	5	2.50	.90	1.60	6.4	403.4

BMI: Body Mass Index; BP: Blood Pressure; bpm: beats per minute; cm: centimeters; HDL: High-Density Lipoprotein; kg: kilograms; LDL: Low-Density Lipoprotein; m: meters; TG: Triglycerides; WC: Waist Circumference