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## **Supplementary Material**

**Article Title:** Effects of Brexpiprazole on Functioning in Patients With Schizophrenia: Post Hoc Analysis of Short- and Long-Term Studies

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

1. [Table 1](#) Short-Term Studies: Baseline Demographic and Clinical Characteristics Stratified by Age (Randomized Sample)
2. [Table 2](#) Short-Term Studies: Baseline Demographic and Clinical Characteristics Stratified by Baseline Functioning (Randomized Sample)

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## Supplementary Material

Supplement to: *Effects of brexpiprazole on functioning in patients with schizophrenia: post hoc analysis of short- and long-term studies*

**Supplementary Table 1. Short-Term Studies: Baseline Demographic and Clinical Characteristics Stratified by Age (Randomized Sample)**

	Age 18–35 Years		Age 36–65 Years	
	Placebo (n=204)	Brexpiprazole 2–4 mg (n=353)	Placebo (n=327)	Brexpiprazole 2–4 mg (n=530)
<b>Demographic characteristics</b>				
Age (years), mean (SD)	28.6 (4.5)	28.1 (4.5)	46.8 (6.9)	46.4 (7.1)
BMI (kg/m <sup>2</sup> ), mean (SD)	25.8 (5.8)	25.7 (5.8)	27.0 (5.2)	27.7 (6.1)
Female, n (%)	55 (27.0)	97 (27.5)	154 (47.1)	245 (46.2)
White, n (%)	133 (65.2)	226 (64.0)	221 (67.6)	349 (65.8)
<b>Clinical characteristics</b>				
Age at first diagnosis (years), mean (SD)	21.1 (4.9)	21.9 (4.8)	29.9 (9.5)	29.4 (9.1)
Duration of current episode (weeks), mean (SD)	2.5 (2.4) (n=141)	2.8 (2.8) (n=299)	2.7 (2.9) (n=227)	2.4 (2.0) (n=433)
PANSS Total score, mean (SD)	97.3 (12.4) (n=201)	97.2 (12.5) (n=351)	95.6 (11.3) (n=326)	95.1 (12.3) (n=527)
CGI-S score, mean (SD)	4.9 (0.7) (n=202)	4.9 (0.6)	4.9 (0.6)	4.9 (0.6) (n=529)
PSP score, mean (SD)	44.9 (9.9) (n=199)	43.8 (10.7) (n=347)	43.8 (10.5) (n=324)	44.9 (11.0) (n=521)

Abbreviations: BMI=body mass index; CGI-S=Clinical Global Impressions – Severity of illness; PANSS=Positive and Negative Syndrome Scale; PSP=Personal and Social Performance scale; SD=standard deviation.

**Supplementary Table 2. Short-Term Studies: Baseline Demographic and Clinical Characteristics Stratified by Baseline Functioning<sup>a</sup> (Randomized Sample)**

	Better Baseline Functioning		Worse Baseline Functioning	
	Placebo (n=271)	Brexpiprazole 2–4 mg (n=436)	Placebo (n=252)	Brexpiprazole 2–4 mg (n=432)
<b>Demographic characteristics</b>				
Age (years), mean (SD)	39.9 (11.0)	39.6 (11.0)	40.0 (10.4)	38.6 (10.8)
BMI (kg/m <sup>2</sup> ), mean (SD)	26.8 (5.3)	27.1 (6.0)	26.3 (5.6)	26.8 (6.0)
Female, n (%)	111 (41.0)	179 (41.1)	95 (37.7)	154 (35.6)
White, n (%)	178 (65.7)	279 (64.0)	171 (67.9)	282 (65.3)
<b>Clinical characteristics</b>				
Age at first diagnosis (years), mean (SD)	26.5 (9.4)	27.4 (9.0)	26.6 (8.8)	25.5 (8.1)
Duration of current episode (weeks), mean (SD)	2.7 (2.7) (n=189)	2.5 (2.3) (n=369)	2.6 (2.8) (n=173)	2.6 (2.4) (n=349)
PANSS Total score, mean (SD)	93.1 (11.0)	92.0 (11.2)	99.4 (11.6)	100.0 (12.2)
CGI-S score, mean (SD)	4.7 (0.6)	4.7 (0.6)	5.0 (0.6)	5.1 (0.6)
PSP score, mean (SD)	52.1 (6.9)	52.9 (7.5)	35.8 (5.6)	35.9 (6.0)

<sup>a</sup>Better baseline functioning was defined as PSP score  $\geq$  median at baseline; worse baseline functioning was defined as PSP score  $<$  median at baseline. Patients without a baseline PSP score were excluded from this analysis.

Abbreviations: BMI=body mass index; CGI-S=Clinical Global Impressions – Severity of illness; PANSS=Positive and Negative Syndrome Scale; PSP=Personal and Social Performance scale; SD=standard deviation.