# Clinical characteristics of people with borderline personality disorder at 12 months prior to first diagnosis and at diagnosis

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12 months prior

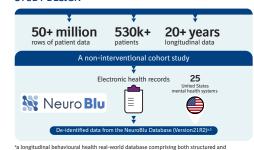
At baseline only

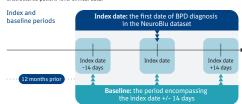
#### INTRODUCTION

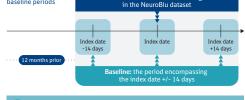


## **POSTER AIM** Here we present data describing the clinical characteristics of patients with BPD 12 months prior to and during their first diagnosis

#### **METHODS** STUDY DESIGN







### **DATA ANALYSES PERFORMED**

Descriptive statistics were used to examine the following measures:

• ≥1 recorded diagnosis of BPD between 2001 and 2020

- At baseline: patient demographics, psychiatric comorbidities, BPD symptoms (as recorded in the mental status exam), disease severity (clinical global impression-severity [CGI-S]) scores, psychiatric hospitalisations, pharmacological treatment
- onths prior to baseline: psychiatric hospitalisations
- 12 months prior to and including baseline; pharmacological treatment

#### ADDITIONAL CONCLUSIONS



Limitations include 1) lack of clinical history or notes for patients prior to entering the electronic health record, and 2) symptom data may be subject to bias due to clinician's potential prioritisation of some symptoms ower others, or due to a symptom not been present at the specific time of clinical presentation or mental state examination 3

# KEY CONCLUSION

A high proportion of patients with BPD were prescribed pharmacological treatments 12 months prior to diagnosis (inclusive of baseline; Figure 1), suggesting that individuals face high illness severity, poor functioning and high symptom burden prior to BPD diagnosis

Figure 1. Medication class prescribed at 12 months prior to and including baseline, and at baseline only

# Percentage (%) of patients Medication class Antidepressants **SGAs** Anticonvulsants **Anxiolytics** Hypnotics and sedatives **Analgesics** Lithium Stimulants Mood stabilisers Substance abuse drugs<sup>a</sup> **FGAs** No medication prescribed

<sup>a</sup>Includes acamprosate, buprenorphine, disulfiram, methadone, nalmefene, nal FGAs, first-generation antipsychotics; SGAs, second-generation antipsychotics

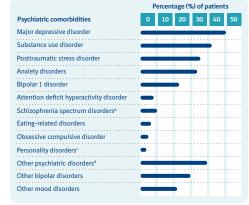
#### **RESULTS**



#### PSYCHIATRIC COMORBIDITIES AT BASELINE (N=13,033)



igure 2. Psychiatric comorbidities at baseline



"In patients with at least I recorded comorbid diagnosis at baseline, "includes schizoaffective disorder, schizophrenia, delusional disorder and schizophreniform disorder, "includes antisocial and paranoid, schizoid, schizotojd, schizotoja personality disorders; "the top 5 diagnoses classified as "other" include: unspecified personality disorder, observation for other suspected mental condition, unspecified psychosis, adjustment disorder with mixed disturbance of emotions and condition, unspecified psychosis, adjust conduct, intermittent explosive disorder

#### BPD SYMPTOMS AT BASELINE (N=12.205)



Symptoms were derived from mental state examination data using natural language proce

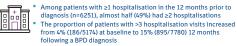
#### Table 1. BPD symptoms at baseline by age group

Age group (years)	Emotional dysregulation, n (%)	Suicidal intent/ ideation, n (%)	Suicidal attempt/ self-injury, n (%)
12-17 (n=1048)	377 (36)	394 (38)	194 (19)
18-25 (n=3291)	1157 (35)	1117 (34)	574 (17)
26-35 (n=3280)	1115 (34)	982 (30)	408 (12)
36-45 (n=2297)	823 (36)	666 (29)	305 (13)
46-55 (n=1617)	630 (39)	466 (29)	171 (11)
56-65 (n=546)	218 (40)	156 (29)	45 (8)
>65 (n=126)	50 (40)	38 (30)	9 (7)
Chi <sup>2</sup> Test statistic (p value)	17 (<0.05)	45 (<0.05)	94 (<0.05)

#### CGI-S SCORES AT BASELINE (N=13,444)



#### NUMBER OF PSYCHIATRIC HOSPITALISATIONS



#### PHARMACOLOGICAL TREATMENTS (N=10.688)



#### REFERENCES

#### DISCLOSURES

DISCLOSURES

(W, SSR and JD are employees of Boehringer Ingelheim. EOCP, MO, and KG are employees of Holmusk Europe Ltd. JY and BC are employees of Holmusk Technology Inc. RP has has received grant funding from the National Institute for Health and Care Researc (NIHR301690), the Medical Research Council (MR/S003118/1), the Academy of Medical Sciences (SGL015/1020) and Janssen, and consulting feets Port Holmusk, Arkivit Health and Boehringer Ingelheim.

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