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2.58 HEIGHTENED IRRITABILITY DISTINGUISHES ADULTS WITH COMORBID BORDERLINE PERSONALITY DISORDER IN A LONGITUDINAL STUDY OF BIPOLAR DISORDER

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Authors

Hoyos, Cintly Celis-de

Yen, Shirley

Hower, Heather Meg

et al.

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ID:27812 - Heightened Irritability Distinguishes Adults with Comorbid BPD Enrolled in a Longitudinal Study of Bipolar Disorder

Cintly Celis-de Hoyos, MA, Psychiatry and Human Behavior, Brown University, Providence, RI; Shirley Yen, PhD; Heather Meg Hower, MSW; Lauren M. Weinstock, PhD; Daniel Murage; Daniel P. Dickstein, MD; Jeffrey I. Hunt, MD; Michael Strober, PhD; Boris Birmaher, MD; Martin B. Keller, MD

Proceedings Abstract:

Objectives: The current study examined whether intake (child/adolescent) CBCL-SDP scores predicted irritability and BPD diagnoses among adults in a longitudinal study of BD. The current study also investigated whether adults with both BPD and BD (BPD+/BD) experienced increased trait irritability (Affective Reactivity Index; ARI), and state irritability (Brief Irritability Test; BITe), after accounting for current mood symptoms and intake CBCL-SDP scores. **Methods:** During their most recent assessment (M=11.6 years, SD=1.2 years), a sub-sample (n=88) of the multi-site Course and Outcome of Bipolar Youth (COBY) study (N=413) (Birmaher et al., 2006), completed self-report measures of trait (ARI, n=81) and state (BITe, n=77) irritability and provided current mood symptoms. At intake, 52.3% were female, 22.7% were non-white, 9.1% were Hispanic. During their most recent follow-up assessment, 26% of the sample met (BPD+) DSM-IV diagnostic criteria for BPD (SIDP-IV, 1997). **Results:** Intake CBCL-SDP was not significantly associated with BPD, $\chi^2(1, N=92) = .26, p = .61$. Participants with the intake CBCL-SDP did not report increased state, $t(60) = .42, p = .68$, or trait irritability, $t(63) = -.56, p = .58$. BPD+/BD participants experienced increased state, $t(75) = -2.80, p < .01$, and trait irritability, $t(79) = -2.45, p = .02$, even after covarying for current mood symptoms. **Conclusions:** Intake CBCL-SDP was not strongly associated with BPD status or current irritability among BD adults. However, BPD status was significantly associated with current irritability, even after accounting for current mood and intake CBCL-SDP scores. BPD status may uniquely predispose BD adults to experience increased irritability, and by extension, may be indicative of poor outcomes.

Title:

Heightened Irritability Distinguishes Adults with Comorbid BPD Enrolled in a Longitudinal Study of Bipolar Disorder

Submitter's E-mail Address:

cintly_celis-dehoyos@brown.edu

Learning Objectives:

- o To identify whether the intake Child Behavior Checklist-Severe Dysregulation Profile (CBCL-SDP) is predictive of heightened irritability and associated with the development of borderline personality disorder (BPD) among adults enrolled in a longitudinal study of bipolar disorder (BD).
- o To evaluate whether adults with both BPD and BD experience increased irritability.

Keywords:

Bipolar Disorder, Irritability/Mood Dysregulation and Personality Disorders

Category:

1.03 Developmental Psychopathology

Has this presentation been presented before?:

No

Submitter is a trainee?:

No

Submitter is international?:

No

IRB:

Yes

Statistical Expert:

None

Content:

No

Sponsorship:

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First Presenting Author

Presenting Author

Cintly Celis-de Hoyos, MA

Brown University

700 Butler Drive

Psychiatry and Human Behavior

Providence, RI 02906

Phone Number: 401-444-1970

Alternate Phone: 817-412-1868

Email: cintly_celis-dehoyos@brown.edu -- Will not be published

Alternate Email: ccelisdehoyos@gmail.com -- Will not be published

AACAP Member: -- Non-psychiatrist

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Signed on 06/15/2016 by *Cintly Celis-de Hoyos*

Second Author

Shirley Yen, PhD

Brown University

701 Butler Drive

Psychiatry and Human Behavior

Providence, RI 02906

Phone Number: (401) 444-1915

Email: Shirley_Yen_PhD@Brown.edu -- Will not be published

Alternate Email: Shirley_Yen_PhD@Brown.edu -- Will not be published

AACAP Member: NM

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Shirley Yen, PhD*

Third Author

Heather Meg Hower, MSW

Brown University

700 Butler Drive

Psychiatry and Human Behavior

Providence, RI 02906

Phone Number: (401) 444-1941

Email: Heather_Hower@Brown.edu -- Will not be published

Alternate Email: Heather_Hower@Brown.edu -- Will not be published

AACAP Member: NM

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Heather Hower, MSW*

Fourth Author

Lauren M. Weinstock, PhD

Butler Hospital

345 Blackstone Blvd.

Psychosocial Research Program

Providence, RI 02906

Phone Number: 401-455-6304

Email: lauren_weinstock@brown.edu -- Will not be published

Alternate Email: lauren_weinstock@brown.edu -- Will not be published

AACAP Member: NM

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Lauren M. Weinstock, PhD*

Fifth Author

Daniel Murage

Brown University

700 Butler Drive

Providence, RI 02906

Phone Number: 401-444-1970

Email: daniel_murage@brown.edu -- Will not be published

Alternate Email: daniel_murage@brown.edu -- Will not be published

AACAP Member: -- Non-psychiatrist

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Daniel Murage*

Sixth Author

Daniel P. Dickstein, MD

Brown University

Bradley Hospital

PediMIND Program

East Providence, RI 2915

Phone Number: (401) 432-1616

Alternate Phone: (401) 432-1616

Email: Daniel_Dickstein@Brown.edu -- Will not be published

Alternate Email: Ddickstein@Lifespan.org -- Will not be published

AACAP Member: GEN

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Daniel P. Dickstein, MD*

Seventh Author

Jeffrey I. Hunt, MD

The Warren Alpert Medical School of Brown University

1011 Veterans Memorial Pkwy

Bradley Hospital

Riverside, RI 02915-5061

Phone Number: (401) 432-1173

Alternate Phone: 999999

Email: Jeffrey_hunt@brown.edu -- Will not be published

Alternate Email: Jeffrey_hunt@brown.edu -- Will not be published

AACAP Member: FE

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. Yes

Name of business, organization or individual	Nature of Conflict
John Wiley & Sons, Inc.	honorarium

Signed on 06/15/2016 by *Jeffrey I. Hunt, MD*

Eighth Author

Michael Strober, PhD

David Geffen School of Medicine at UCLA

Box 951759

27-370D Semel Institute

Semel Institute for Neuroscience & Human Behavior

Los Angeles, CA 90024

Phone Number: 310-825-5730

Alternate Phone: 11111111

Email: mstrober@mednet.ucla.edu

Alternate Email: mstrober@mednet.ucla.edu -- Will not be published

AACAP Member: NM

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. Yes

Name of business, organization or individual	Nature of Conflict
Resnick Endowed Chair in Eating Disorders	Grant Support

Signed on 06/15/2016 by *Michael Strober, PhD*

Ninth Author

Boris Birmaher, MD

Western Psychiatric Institute and Clinic

100 N Bellefield Ave

Bellefield Towers Rm 612

Pittsburgh, PA 15213-2600

Phone Number: (412) 246-5788

Alternate Phone: 1234567891

Email: birmaherb@upmc.edu -- Will not be published

Alternate Email: rmaherb@upmc.edu -- Will not be published

AACAP Member: FE

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APA	Honorarium for participation in another meeting
Up to Date	Royalties
Random House	Royalties
National Institute of Mental Health	Grant Support
American Psychiatric Association Publishing	Royalties

Signed on 06/15/2016 by *Boris Birmaher, MD*

Tenth Author

Martin B. Keller, MD

Butler Hospital

345 Blackstone Blvd.

Providence, RI 02906

Phone Number: 401-444-1919

Email: Martin_Keller@brown.edu

Alternate Email: Martin_Keller@brown.edu -- Will not be published

AACAP Member: NM

I (or an immediate family member) have a real or potential conflict of interest or received travel support or honoraria from a commercial business to attend this meeting. No

Signed on 06/15/2016 by *Martin B. Keller, MD*

Practice Gap:

In comparison to the general population, adults with bipolar disorder (BD) are almost three times more likely to develop borderline personality disorder (BPD) (Yen et al., 2015). BD and BPD share domains of dysfunction, including increased irritability, a symptom linked to negative long-term outcomes (e.g., poor health). Some researchers suggest that youth at risk for developing BD (Biederman et al., 2013) or personality disorders (De Caluwe, Decuyper, & DeClerq, 2013) have high scores on the Child Behavior Checklist (Achenbach, 1991) subscales of attention, aggression, and anxiety/depression, known as the Severe Dysregulation Profile (CBCL-SDP). CBCL-SDP youth with BD reportedly experience increased irritability (Biederman et al., 2013). However, others argue that the CBCL-SDP is not predictive of BD (Diler et al., 2009), and is best conceptualized as a marker for poor future outcomes, including the development of personality disorders (Halperin, Rucklidge, Powers, Miller & Newcorn, 2011). For providers managing the emotional and behavioral needs of children aged 18 years or younger, identifying whether the CBCL-SDP is predictive of poor future outcomes – including the development of BD or BPD – has significant early intervention implications.