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## **Supplementary Material**

**Article Title:** Anxiety Disorders During Pregnancy: A Systematic Review

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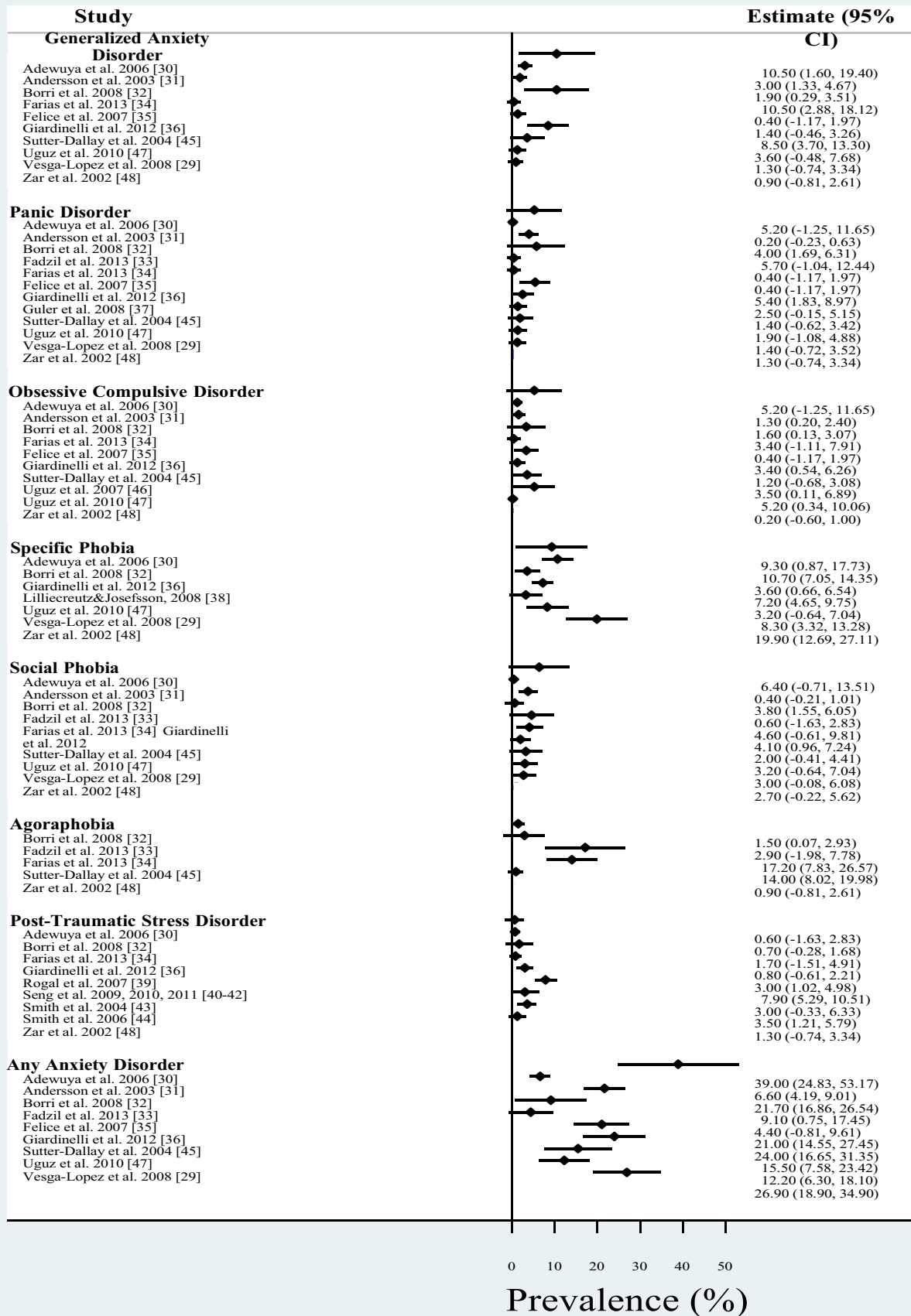
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Supplementary eFigure 1: Forest Plot



**Supplementary eTable 1: Psychiatric Diagnoses Comorbid with Anxiety Disorders in Pregnancy**

Study	N <sup>1</sup>	MDD	Comorbid Anxiety Disorder	Alcohol or Illicit Drug Use
<b>OCD</b>				
Uguz et al. 2007	52	6 (11.5%)	19 (36.5%) any AD	-
Chaudron & Nirodi, 2010	7	4 (57%) mood or anxiety disorder		-
<b>Panic Disorder</b>				
Rambelli et al. 2010	43	18 (41.9%)	6 (14%) any anxiety disorder	
Warren, Racu, Gregg, & Simmens, 2006	25	2 (8%)	-	-
Wisner, Peindl, & Hanusa, 1996	22	13 (59%)	19 (86%) agoraphobia	-
<b>PTSD</b>				
Seng et al. 2009	125	44 (35%)	18 (14.4%) GAD	-
Smith et al. 2006	33	22 (66.7%) <sup>2</sup>	12 (36.4%) <sup>2</sup> PD	27.3% <sup>3</sup>
Rogal et al. 2007	31	7 (22.6%) MDD; 11 (35.5%) minor depression	9 (29%) PD	13 (41.9%)
<b>Any Anxiety Disorder</b>				
Borri et al. 2008	231	47 (20.3%) mood disorder	23 (10%) had 2 or more anxiety disorders	-
Sutter-Dallay et al. 2004	119	Women with one or more anxiety disorders were 4 times more likely to have MDD than those without an anxiety disorder (number and percent not reported)	25 (21%) 2 or more anxiety disorders	-

MDD = Major depressive disorder; PD = Panic disorder

<sup>1</sup> N refers to participants with relevant anxiety disorder in pregnancy

<sup>2</sup> Diagnosed using the Patient Health Questionnaire

<sup>3</sup> Determined by questionnaire

**Supplementary eTable 2: New Onset of Anxiety Disorders among Women with Prior or Current Pregnancies**

Study <sup>a</sup>	Sample Size and Criteria	Onset of Disorder in Pregnancy
<b>OCD</b>		
Forray et al. 2010 <sup>55</sup>	78 clinic patients with OCD and prior pregnancy	12 (15.4%)
Labad et al. 2005 <sup>50</sup>	17 clinic patients with OCD and prior pregnancy	1 (6%)
Labad et al. 2010 <sup>58</sup>	35 clinic patients with OCD and at least one child	2 (5.7%)
Maina et al. 1999 <sup>59</sup>	16 clinic patients with at least one child and who reported onset of OCD within the past 2 years	0 (0%) <sup>b</sup>
Neziroglu et al. 1992 <sup>60</sup>	59 clinic patients with OCD and at least one child	23 (39.0%) <sup>c</sup>
Uguz et al. 2007 <sup>46</sup>	15 pregnant women with OCD diagnosed at 3 <sup>rd</sup> trimester	2 (13.3%) (both in 2 <sup>nd</sup> trimester).
Williams and Koran 1997 <sup>66</sup>	38 clinic patients with OCD and prior pregnancy	5 (13%)

<b>Panic Disorder</b>		
Guler, Koken et al. 2008 <sup>56</sup>	13 pregnant women with PD diagnosed in 3 <sup>rd</sup> trimester	7 (53.8%). Developed in weeks 6 – 28 of pregnancy.
Northcott and Stein 1994 <sup>61</sup>	97 clinic patients who developed PD either before, during, or between pregnancies	3 (3%)
Rambelli et al. 2010 <sup>80</sup>	43 pregnant women who met criteria for PD at 12-15 weeks gestation	5 (11%)
Wisner et al. 1996 <sup>67</sup>	22 women with PD who were pregnant or had children under age 3 years	0 had first onset of PD during pregnancy. 2 (9.1%) developed new episode of PD during pregnancy.

<sup>a</sup> N refers to participants relevant to pregnancy onset only.

<sup>b</sup> One participant developed OCS during pregnancy but did not meet full OCD criteria until after delivery.

<sup>c</sup> This was the first pregnancy for 12 (52.2%), the second pregnancy for 8 (34.8%), and the third pregnancy for 3 (13%).

OCD = obsessive-compulsive disorder; OCS = obsessive-compulsive symptoms; PD = panic disorder

**Supplementary eTable 3: Findings on Risk Factors for any Anxiety Disorder Diagnosis in Pregnancy (from Multivariate Analyses)**

<b>Factor</b>	<b>A Significant Risk Factor</b>	<b>Not a Significant Risk Factor</b>
Low educational level	Borri et al. 2008 <sup>32</sup> (OR = 2.34, 95% CI = 1.49-3.67; p < .001)	
Low socioeconomic status	Borri et al. 2008 <sup>32</sup> (OR = 3.03, 95% CI = 1.51-6.06; p < .001)	Aduwuya et al. 2006 <sup>30</sup>
Single marital status	Borri et al. 2008 <sup>32</sup> (OR = 2.01, 95% CI = 1.2-3.29; p < .001)	Aduwuya et al. 2006 <sup>30</sup> ; Felice et al. 2007 <sup>35</sup>
Age < 25 years	Aduwuya et al. 2006 <sup>30</sup> (OR 4.62, 95% CI 2.39-8.92; p = sig.)	
Older age	Felice et al. 2007 <sup>35</sup> (OR 1.135, 95% CI 1.01-1.27, p = .029)	
Primiparity	Aduwuya et al. 2006 <sup>30</sup> (OR 3.90, 95% CI 2.00-7.59; p = sig.)	Felice et al. 2007 <sup>35</sup>
Having a medical condition	Aduwuya et al. 2006 <sup>30</sup> (OR 3.60, 95% CI 1.28-10.12; p = sig.)	
Depression	Fadzil et al. 2013 <sup>33</sup> (AOR 6.66; 95% CI 1.79- 24.77, p = .005)	
Personal psychiatric history	Felice et al. 2007 <sup>35</sup> (OR 2.28, 95% CI 1.29-4.02, p = .004)	
Gestational age < 20 weeks	Fadzil et al. 2013 <sup>33</sup> (AOR 4.85; 95% CI 1.609 - 14.64; p = .005)	
Employment status		Borri et al. 2008 <sup>32</sup>
Smoking		Felice et al. 2007 <sup>35</sup>
Support from partner		Felice et al. 2007 <sup>35</sup>
Support from mother		Felice et al. 2007 <sup>35</sup>
Family psychiatric history		Felice et al. 2007 <sup>35</sup>
Partner's reaction to pregnancy		Felice et al. 2007 <sup>35</sup>