



Contents

1	Introduction	1
2	Theoretical Background	3
2.1	Bulimia Nervosa	3
2.1.1	Definition and Diagnosis	4
2.1.2	Epidemiology and Comorbidities	5
2.1.3	Courses and Prognosis.....	6
2.1.4	Etiology and Pathogenesis	6
2.1.5	Evidence-based Treatments	9
2.2	Neurobiology of Bulimia Nervosa.....	13
2.2.1	Monoaminergic Systems.....	16
2.2.2	Serotonergic System.....	17
2.2.3	Noradrenergic System	19
2.2.4	Dopaminergic System.....	21
2.2.5	Dopamine and Reward	23
2.3	Monoamine Depletion	25
2.3.1	Tryptophan Depletion.....	25
2.3.2	Catecholamine Depletion.....	27
3	Report 1	31
3.1	Grob, S. et al. (2013) Behavioral Response to Catecholamine Depletion in Unmedicated, Remitted Subjects with Bulimia Nervosa and Healthy Subjects. <i>Biological Psychiatry</i> S0006-3223(13)00835-4. Article in press. Epub ahead of print.....	31
4	Report 2	39
4.1	Grob, S. et al. (2012) Dopamine- Related Deficit in Reward Learning After Catecholamine Depletion in Unmedicated, Remitted Subjects with Bulimia Nervosa. <i>Neuropsychopharmacology</i> 37 (8): 1945-52	39
5	General Discussion	48
6	Bibliography	53