PATIENT FILE	
Case 1: The salutatorian who couldn't speak: selective serotonin reuptake inhibitor (SSRI)-refractory anxiety in an adolescent	
The Question: What do you do when anxiety fails to respond to multiple SSRIs and cognitive–behavioral therapy (CBT)?	
The Psychopharmacological Dilemma: Whether and when to add adjunctive benzodiazepines remains unclear for many clinicians	
 Pretest self-assessment question Which of the following represents an evidence-based intervention for patient with treatment-resistant anxiety? A. Duloxetine (Cymbalta) B. High-dose escitalopram (Lexapro) C. Adjunctive clonazepam (Klonopin) D. Guanfacine (Tenex, Intuniv) E. All of the above Answer: C (Adjunctive clonazepam, Klonopin) 	а
 Patient evaluation on intake A 17-year-old African American high-school senior with severe social anxiety Severe social anxiety disorder and possible generalized anxiety disorder Her social anxiety symptoms have led to significant avoidance, and this avoidance and anticipation of catastrophic social criticism has perpetuated her anxiety, thus creating a vicious cycle There are concerns that family factors may galvanize her anxiety; these concerns include accommodation She readily acknowledges the excessive nature of these fears, yet still has some degree of belief in them and certainly experiences subjective fear about them She recognizes that her chronic anxiety interferes with her life, is preventing her from enjoying her senior year and her time with friends, and could threaten her success at college 	
 Psychiatric history Social anxiety symptoms began when the patient was in the fifth grade In middle school, she struggled to do group work, was anxious about going out with friends, and could not spend the night at friends' houses 	

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	 In high school, her social anxiety intensified. She dreaded being called on in class, or having to give presentations, and she felt so uncomfortable in the cafeteria that she ate her lunch in the school guidance counselor's office. She avoided going with her family to restaurants, and could not order her own food because she feared that she might say something incorrectly or that she would embarrass herself Despite her anxiety, she excelled academically and was the class salutatorian. However, she would often think about the salutatorian's public address at graduation, and this caused her significant distress Initial insomnia with a sleep latency of 1–2 hours, which is worse on school nights. She feels fatigued and has difficulty concentrating, but denies depressed mood When the family goes to restaurants, her parents frequently order her food. At larger family events, such as Christmas at her aunt's home, her parents arrange for her to sit in the car or to go to a quiet room, away from the family, if her anxiety becomes overwhelming Her parents are very concerned about her anxiety and about her being able to attend college. Of note, she has been accepted at three colleges, including her "dream school," which is located 5 hours away from her parents' home 	
ABC	 Social and personal history Lives with her mother and father She is in the 12th grade at an all-girls high school and excels academically, although her anxiety makes some engagement with teachers difficult She is not currently in a relationship There is no history of abuse or trauma 	
Ś	 Medical history Delivered at 40 weeks to a 37-year-old mother and 40-year-old father Normal developmental milestones, although separation anxiety persisted until age 8–9 Seasonal allergies for which she takes cetirizine 10 mg daily Chronic recurrent abdominal pain, which is worse on school days 	
	 Family history Father with panic disorder and generalized anxiety disorder Mother with social anxiety and major depressive disorder Maternal grandmother with anxiety, posttraumatic stress disorder (PTSD), and depression 	

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Rx	Medication history
	 Currently treated with escitalopram (Lexapro) 20 mg daily (3 months)
	No response to sertraline, which was titrated to 200 mg daily (4
	 months) Bupropion extended-release formulation (Wellbutrin SR) 100 mg twice daily worsened her anxiety and initial insomnia as a tremor was associated with it; it was discontinued within 2 weeks of initiation Fluoxetine 10 mg daily was discontinued after 2 weeks secondary to feeling "jittery," worsening anxiety, and two symptom-limited panic attacks Divalproex extended-release formulation (Depakote ER) 500 mg twice daily was discontinued because of nausea Quetiapine (Seroquel) 50 mg every night at bedtime, which was associated with sedation
	 Current medications Cetirizine (Zyrtec) 10 mg every morning Escitalopram (Lexapro) 20 mg every morning
	 Psychotherapy history She worked with an "art therapist" weekly for 2–3 months when she was a junior in high school. She enjoyed this therapy, but her anxiety failed to improve Thereafter, she transitioned to a cognitive–behavioral therapist and worked primarily on her thoughts and "anticipation of what might happen" Her anxiety persisted despite both therapies
	Further investigation
2	Is there anything else that you would like to know about the patient? What about details related to her prior medication trials? What are the side effects that she experienced with fluoxetine (Prozac) and bupropion SR (Wellbutrin SR)?
	 She experienced both symptoms of activation (e.g. restlessness, worsening anxiety, "jitteriness") with fluoxetine, and a tremor as well as worsening insomnia with low-dose bupropion extended-release formulation (100 mg twice daily) Side effects of both medications emerged relatively early during transmission.

treatment













