

- a. Create a case study presentation for a client between the ages of 8 and 17 years of age based on your assigned diagnosis. Describe the symptoms that meet the criteria for the diagnosis, and include pertinent medical, educational, and family history.

Alisha is a 13-year-old female who presents for evaluation of symptoms related to diagnosis of Attention Deficit Hyperactivity Disorder (ADHD), a persistent pattern of inattention and/or hyperactivity-impulsivity which interferes with functioning. Alisha was a 40 week gestation without any noted complications however mom does admit to smoking 2 – 3 cigarettes daily. Mom denies any substance abuse history or maternal family history of ADHD. No documented medical conditions or surgeries. Immunizations are up to date including COVID-19 vaccine.

Alisha lives in a single parent home in rent-controlled housing. Mom works 2 jobs to make ends meet and dad does not play an active role in her care. There is one older sibling in the home a fraternal twin brother. Alisha's symptoms meet the ADHD diagnostic criteria according to the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5). She is in the 7th grade in a charter school program. She has always had academic issues and frequent calls home related to not paying attention and inability to sit still. She reports a hard time concentrating and or being able to pay attention in class. Teacher reports she often interrupts and generally disorganized. She is frequently unprepared for class reporting lost or forgotten homework. Alisha's grades have continued to decline, and she has been assigned detention almost weekly and has even received suspensions from school related to behavior issues.

- b. Based on the case, identify pharmacologic and/or nonpharmacologic treatments you would recommend. Provide support from a scholarly source to support your decision.

Pharmacologic treatment: for ADHD are primarily intended to address its symptoms . Methylphenidate (Ritalin) is frequently used for ADHD because it helps to improve concentration , increase focus and attention , and decrease impulsivity (Plowden et al. , 2022) .