

Week Four:

Describe your assigned client's situation. Why are they presenting to the clinic? What medications are they currently taking?

- **Dae Beck** is a 6 year old female that is brought to the clinic by her mother due to increased urine frequency, nocturia, and incontinence. The patient has been having multiple episodes of incontinence at night and during her time at school. The patient has already tried fluid management and bladder training and they were unsuccessful with assisting her symptoms. Mother states that they do not come at certain times or caused by sneezing or coughing. Patient is not allergic to any medications and currently taking a multivitamin daily.

Assess the applicable clinical practice guideline (CPG) for your assigned client. What treatment is recommended by the CPG for your client's situation?

- The CPG states that patient's need to start with lifestyle changes initially before moving to medications. After obtaining history from mom, it looks like they have tried lifestyle changes and were unsuccessful. The CPG recommends Mirabegron and Solifenacin as a combination medication regimen to assist with symptoms. However, this is not always the best option for children. It is recommended to give the child oxybutynin or mirabegron to the child. It is recommended to start the child out on 25mg daily and follow up to see if her symptoms have improved.

Discuss your personal professional assessment of the client's situation provided in the scenario. What pharmacological treatment is necessary and why?

- I would assess the child's abdomen to make sure that sure she does not have distention or bladder distention. I would assess how her urine stream is to ensure she is emptying adequately, and assess for any signs of burning or discomfort when urinating. If she denies all of these things then the next step is to prescribe medication to help with the symptoms. I would suggest Mirabegron 25mg daily to start with. Treatment is usually 4 to 8 weeks initially before a reassessment to ensure the dose is working or if it needs increased.