

Professor and class,

Primary Diagnosis: Urinary Tract Infection

HPI: Wei Zhang, an 82-year-old male, presents with increased confusion, agitation, and fever. His past medical history includes advanced dementia and chronic kidney disease. He currently lives with his daughter in a low-income, urban area. Wei primarily speaks Mandarin Chinese and heavily relies on traditional Chinese remedies to manage his chronic health conditions.

Wei is 82 years old, he is more likely to get infections and other health problems. Older people are more likely to get sick, such as urinary tract infections, because their immune systems become weaker with age. Wei has a severe renal disease and dementia that becomes worse over time. Advanced dementia may hinder his ability to articulate symptoms or adhere to his treatment regimen, while chronic kidney disease might complicate pharmaceutical pharmacokinetics and exacerbate the effects of infections.

Patients in these situations often have problems seeking medical treatment quickly, which could make their health worse. He lives with his daughter but taking care of someone in a low-income setting can be very stressful and make it harder for the caregiver to satisfy Wei's delicate health needs. Wei predominantly speaks Mandarin Chinese, which can make it challenging for healthcare workers who do not speak his language to communicate with him. This can make it challenging to understand medical instructions, such as how to take medicine or report issues. Using traditional Chinese medicine reveals a cultural aspect that may alter how he approaches his health care. Family members may also make mistakes due to his dementia, thus delaying treatment when a significant consequence, such as a UTI, occurs. There is a high link between dementia and UTI diagnosis in the ED. Almost one in three people with dementia who go to the ED are found to have a UTI. It is still not apparent why people with dementia are more likely to get urinary tract infections. It is essential to investigate modifiable risk factors for UTIs before an ED visit, as well as the ED's method for diagnosing UTIs in older people with cognitive impairment (Yourman et al., 2020).

The principal diagnosis for the client is a urinary tract infection. It is considerably tougher to figure out what is wrong with Wei Zhang because he has a lot of medical problems, such as progressive