## **Abstract**

Multiple myeloma (MM) is a clonal plasma cell malignancy which is considered as the second commonest haematological malignancy in the world. It is a treatable disease associated with a significant morbidity and mortality due to end organ damage. Even though it has the highest prevalence among elderly population, rare presentations can be detected in the young population.

In this case report we present a 41-year-old female who presented with bilateral pyelonephritis and hypercalcemia, diagnosed to have advanced light chain myeloma. She had severe acute renal failure which required multiple haemodialysis and had a good response to induction therapy with recovery of the renal functions. We want to highlight the importance of early case detection and appropriate treatment which will prolong the survival and improve the quality of life in patients with multiple myeloma.