



# THE TESTES THAT GOUGED OUT MY EYES ... A LESSON LEARNED

**Nurfatin Hasanuddin<sup>1</sup>, Siti Murni Fitri Mohd Shukor<sup>1</sup>, HS Cheng<sup>1</sup>, FL Mohamed<sup>1</sup>**  
*<sup>1</sup>Hospital Sultanah Bahiyah, Kedah, Malaysia*



## INTRODUCTION:

The classical features of Dengue fever are well known and complications such as transaminitis and shock have been oftentimes described.

However, atypical manifestations of dengue can be varied and multisystemic.

Failure to recognize these atypical manifestations could lead to delayed diagnosis and engender serious outcome.



## CASE PRESENTATION:

A 73-year-old gentleman presented with painful left scrotal swelling for 2 days. He had history of fever few days ago which was subsided on the day of presentation.

Physical examination revealed a well oriented male with normal vital signs. Genitalia examination revealed enlarged left scrotum, tender left testis and thickened left spermatic cord.

Urgent testicular ultrasound demonstrated left gross hydrocele with orchitis and excluded the testicular torsion. Hence, the patient was referred to urology team.

However, various blood investigation abnormalities were identified during subsequent review which include thrombocytopenia, hemoconcentration, deranged renal profile, hyponatremia, hyperkalemia, transaminitis and metabolic acidosis. Dengue combo test was then ordered and NS-1 and dengue IgM were found positive.

He was admitted to medical ward for dengue fever with left orchitis. However, his condition had deteriorated and subsequently was transferred to Intensive Care Unit. He succumbed to death on day 4 of admission to ICU.



## DISCUSSION AND CONCLUSION:

Genitourinary complication of dengue virus infection was rarely reported.

Gross hydrocele is a rare anomaly that could result from plasma leakage.

To the best of our knowledge, this is the first case of dengue fever presented with orchitis in Malaysia. Failure to recognize this atypical presentation could lead to grave outcome if timely dependant treatment and monitoring were not carried out in a proper manner.

We hope that this case will increase the clinical vigilance among emergency doctor regarding rare phenomenon of a common dengue infection.

We extrapolate that over time, atypical manifestations of dengue infection would definitely continue to rise