

ABSTRACT

Background

Dengue fever is a disease caused by dengue virus, which belongs to genus flavivirus, of family flaviviridae. It is the most common mosquito borne disease in south East Asia. Intravascular hemolysis is a rare complication of dengue which occurs mainly in recovery phase of dengue fever.

Case presentation

48-year-old previously healthy patient who presented with day – 2 of fever diagnosed to have dengue fever by positive dengue antigen. She entered critical phase of dengue on day – 4 of fever but recovered with out complications. While on recovery phase of dengue fever she developed jaundice with anemia and diagnosed to have non immune intravascular hemolysis. She was transfused 1 unit of packed red cell and commence on hematinics. she made complete recovery after transient hemolysis episode.

Conclusion

Although immune hemolysis has been reported as atypical manifestation of dengue fever, to best of our knowledge this is the first case report which describes non immune intravascular hemolysis as a rare complication of dengue fever. It also implies the importance of hemolysis as a cause of bleeding in dengue fever other than overt bleeding.