

## **ABSTRACT**

**Background:** Coagulase-negative staphylococci are previously considered as an uncommon cause of native valve endocarditis, but emerging as an important cause of native valve infective endocarditis.

**Case:** We present a case of a 60-year-old man who presented with fever for two days and acute onset diplopia. He was diagnosed as internuclear ophthalmoplegia secondary to brainstem infarction due to infective endocarditis caused by coagulase-negative staphylococci. The patient responded well to intravenous vancomycin at the end of 21 days course of IV vancomycin, patient clinically, biochemically and echocardiographic wise improved. As the patient had indications for surgery, he was referred to the cardiothoracic unit.

**Conclusion:** Physicians should be aware of coagulase-negative staphylococci associated infective endocarditis because it has therapeutic and prognostic implications.