A CASE OF BACTEREMIA DUE TO ROSEOMONAS GILARDII IN A SENILE NIGERIAN PATIENT WITH MANY UNDERLYING MEDICAL ILLNESS

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ABSTRACT

Roseomonas gilardii is Gram-negative coccobacilli which produce non fermentative pink-pigmented colonies on blood agar, not grown (or very slowly grower) on macConkey agar. Human infections caused by Roseomonas are very rare. It has clinical importance as opportunistic pathogen which can lead to infections especially in immunosuppressed individuals. We reported a case of bacteremia that took place in Alansar hospital Madina, KSA. A Nigerian senile patient with old CVA, chronic AF and dilated cardiomyopathy with bacteremia due to Roseomonas gilardii. The bacterium was isolated from blood culture and identified by characteristics of colonies on blood agar, biochemical reactions and VITEK 2 (BioMerieux ,paris). Although he died 5 days before the result of the blood culture, it is unclear whether or not Roseomonas was the major contributory cause to his death. This report underlines the pathogenic potential of this organism, and it should be considered of possible clinical significance.

Keywords: R. gilardii, Bacteremia, pink-pigmented colonies.