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Adherence to anti-mycetomal medications and factors that may affect adherence cross-sectional hospital based study will be conducted at Mycetoma Research Centre, Soba teaching hospital, Khartoum, Sudan 2017-2018**Duaa Tajelsir Mohammed Alhusein Mohammadat**

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Mycetoma the flesh eating devastating disease, regarded as a common health problem in tropical and subtropical regions with many serious medical and socioeconomic impacts on patients and communities. So this study about adherence to medication effects poor medication adherence contribution to the prognosis and severity of the disease. The general objective is to assess the adherence, to assess the practice of the adherence and to determine the factor that affects the adherence. I conducted my study among 200 patients diagnosed with mycetoma using the validated four items Morisky scale, interviewing patients at MRC, Soba university hospital. Almost half of the patients has poor adherence to medications, not feeling better and side effects of the drugs all affects the adherence of the patients, also the regular follow up missing's will affect the patients compliance. There is a massive knowledge gap in the epidemiology, pathogenesis and management of mycetoma which has severely affected patients' management and proper planning for mycetoma prevention and control measurements.

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