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Review article

Dr Kamal E.H.Mohamed, FFRRCSI,DMRT,DSN; Dr Muna M.A. Kaboush, MD; Dr Mohamed O. Omer: **Retrospective review of cases of invasive moles treated at the Radiation and Isotope Centre of Khartoum (RICK), Sudan.** PAJO 7(2):28-30, June 2014

Background: invasive moles are rare and highly chemo-sensitive and curable tumors, although the outcome of treatment for more than 98% of women with gestational trophoblastic disease is excellent ,few women die mainly due to delayed presentation and late diagnosis and drug resistance, so its important that they should be diagnosed and referred earlier.in this study our aim is to determine the frequency of invasive moles, clinical presentation ,management and outcome.

Material and methods: this is a retrospective study of 80 patients with invasive moles, treated at the Radiation and Isotopes Centre of Khartoum rick, between 2000 and 2008.

Results: the age distribution of the sample showed, age range of 19 – 50 years, mean age = 30 years, median age = 30.1 years, with 2 peaks of age,<20 years 40%,41 – 50 years 35%. , BHCG level were low risk level, <1000 iu/ ml, 47 patients = 57.5%, medium risk level ,1000 – 10000, =14 patients = 17.5%%,high risk level, >10 000, 20 patients = 25%.

Conclusion: all patients had evacuation or dilatation and curettage, D and C, and histopathology first, followed by chemotherapy, all patients achieved complete response, CR, except 2 patients, who were given more aggressive chemotherapy, EMACO regimen, one of them was lost due to septicemia, none of our patients had hysterectomy.