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**Original article**

**Evaluation of enzyme linked immunoassay for detection of cryptospor-idium antigen in stool specimens of HIV infected patients of diarrhoea**

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**Abstract:**

**Introduction:** Myriad causes of diarrhoea, with geographical variations seen with parasitic etiologies, make it important to understand the presentation of enteric parasitic infections in HIV infected patients. This study was undertaken to determine the parasitic infections in HIV infected patients and correlate with their CD4 counts in the local context.

**Methods:** This study enrolled 220 HIV infected patients presenting with diarrhoea, 100 HIV negative patients with diarrhoea as control group. Stool samples were examined microscopically by saline and iodine mount to look for parasites. Modified Kinyoun acid fast staining technique was used to detect coccidian parasites. Whole procedure was repeated after concentration for samples not showing any parasite by direct microscopy methods.

**Keywords:** Diarrhoea, Coccidian Parasites

**Keynotes:** Coccidian parasites the commonest enteric parasites in HIV infected Diarrheal Patients with less CD4 counts. In these patients among the coccidian parasites *Cryptospridium spp* was the commonest