

***Cases of the month***  
***Hypogammaglobulinemia presenting as chronic diarrhea and giardiasis***

*A.N.R a female patient 20 Years of age presented with 10 years history of diarrhea with bone pains and weight loss .*

*Examination :-*

*Thin under weight lady*

*Stool examination showed cyst of E.Histolytica and giardia*

*Repeated courses of metronidazole did not improve here condition*

*Upper GIT endoscopy showed nodular mucosa of the duodenum and the biopsy showed tall villi, focal erosions, chronically inflamed lamina propria by lymphoid follicle formation with pear shaped organisms in between the villi consistent with Giardiasis .*

*Immuno globuline assay showed :-*

*Serum Immunoglobulin levels:-*

*IgG-----2.2 g/L (N: 7 16)*

*IgM-----2.1 g/L (N: 0.4 2.5)*

*IgA -----2.7 g/L (N: 0.9 3.1)*

***Discussion:-***

*This patient was treated with repeated courses of metronidazole but the duodenal biopsy showed giardia parasites .*

*No immuno globuline injection are available in our country to treat hypogammaglobulinemia at present time .*

*No studies was done in our country to check for giardia resistance for metronidazole*