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**Original article**

**A study of clinical, laboratory features and bone mineral density in newly diagnosed adult patients of celiac disease.**

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**Abstract**

**Objective:** To study clinical, laboratory features, bone mineral density in newly diagnosed adult patients of celiac disease .

**Material and Method:** Study sample consist of eighty seven newly diagnosed adult patient of celiac disease. Detailed medical history, drug history, physical examination, complete blood count, erythrocyte sedimentation rate, calcium profile, liver and renal biochemistry, 25-OH-D, Blood sugar were performed. Other investigations like RA factor, CRP, electrolytes, thyroid function tests and anti CCP were performed wherever indicated. Sera of all patients were tested for presence of IgA tissue transglutaminase (TTG) antibody by ELISA using commercially available kits. Antibody titer >50 units was considered positive. BMD of all newly diagnosed patients of celiac disease was done with Pronosco X-posure V.2 based on DXR.

**Key words:** Bone Mineral Density, Celiac Disease, Osteopenia, Autoimmune