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A rare management of Chilaiditi's syndrome: Case report

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Chilaiditi's sign is a radiographic term used when the hepatic flexure of the colon is seen interposed between the liver and right hemidiaphragm. In most cases, this interposition is asymptomatic and is often an incidental finding in the elderly. When it is symptomatic, it is Chilaiditi's syndrome. The authors report a case of Chilaiditi's syndrome in a 56 years old male patient. Although this is a benign condition with rare surgical indication, it has great importance for implying surgical emergency in cases where such condition is equivocally diagnosed as pneumoperitoneum. In our case, colonic resection was decided on elective basis as a trial to improve the patient's respiratory symptoms which was resistant to conservative lines of treatment. A literature review is performed with emphasis on pathophysiology, diagnostic work-up and treatment of this entity.

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