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**Developing Multiple Sclerosis in an Ulcerative Colitis Patient**

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Objective: Background/objectives: In inflammatory bowel disease (IBD), the disturbed mucosal immunity leads to imbalance in inflammatory cytokines and migration of leukocytes to the intestine. Although there is no known association between ulcerative colitis and multiple sclerosis (MS), coexistence of both diseases is a rare condition.

Design & Method:: Case report

Result: A 47-year-old female patient was admitted to our hospital complaining of gait unsteadiness and imbalance and slurred speech. She was diagnosed with ulcerative colitis 5 years prior to presentation. Her brain magnetic resonance imaging (MRI) revealed hyperintense lesions in the pons and cerebellar peduncle, periventricular and juxtacortical white-matter demyelinating lesions in T2 and FLAIR suggestive of MS. Moreover, her cervical MRI revealed C3 hyperintense demyelinating lesion. Her lumbar puncture showed positive oligoclonal bands . She was diagnosed with relapsing-remitting MS and interferon therapy was initiated.

Conclusion: Patients with inflammatory bowel disease have a high risk of developing demyelinating diseases such as MS.