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**Rare Clinical Syndromes in Relapsing Remitting Multiple Sclerosis- The Use Less Hand Syndrome and Restless Genital Syndrome**

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Background: Useless hand syndrome is a relatively specific symptom of multiple sclerosis (MS), but rare to be a presenting symptom. Restless Leg Syndrome (RLS) has fourfold higher incidence in patients with MS. Restless Genital Syndrome (RGS) is a rare somatosensory disorder reported in patients with Parkinson's disease but not in MS.

Objective: To report cases of useless hand syndrome and restless genital syndrome (RGS) in MS patients.

Design & Method: We reviewed the clinical presentations of 750 MS patients on regular follow up in Multiple Sclerosis clinic.

Result: Two patients presented with useless hand syndrome as initial manifestation. One patient developed RGS during the course of the illness. Patient -1 ; a 38 -year -old gentle man who presented with history of inability using his hands with feeling of tightness in the lower limbs. Patient- 2 ; a 28 – year- old lady who presented with inability using hands with partial improvement on visual guidance, in addition to Lhermitte's phenomena. Examination in both patients revealed generalized hyperreflexia with bilateral extensor plantar responses, loss of superficial, deep and cortical sensations in both hands with pseudoathetosis. MRI cervical spine of both patients showed Gad enhancing hyper intensity at C2- C3 levels. Both patients were treated with methyl prednisolone with partial improvement and gradual recovery over 6 months. Patient -3 is a 29- year- old gentleman on natalizumab therapy who complained of uncomfortable tingling and throbbing sensation in the genital area not associated with sexual desire . This sensation worsened while sitting or lying down and improved partially on walking. Pramipexole improved the symptoms.

Conclusion: Useless hand syndrome is rare to be a presenting symptom, but is a specific clinical manifestation of multiple sclerosis due to dorsal and cervical demyelination. Restless Genital Syndrome can occur in MS patients in addition to restless leg syndrome.