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Title: Patterns of increased intrinsic functional connectivity in patients with Restless Legs Syndrome are associated with attentional control of sensory inputs

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# **Patterns of increased intrinsic functional connectivity in patients with Restless Legs Syndrome are associated with attentional control of sensory inputs**

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## **Highlights :**

- Intrinsic functional connectivity in cortical networks in RLS was increased.
- Motor/sensorimotor and brainstem functional networks had no alterations in RLS.
- Both the pulvinar and the striatal connectivity play a critical role in RLS.
- Anterior cingulate gyrus showed abnormal attention-related functional integration.
- Pathophysiology may be linked to impaired attentional control of sensory inputs.

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