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Why don't we move faster? Parkinson's disease, movement vigor, and implicit motivation.

Mazzoni P, Hristova A, Krakauer JW

J Neurosci 2007 Jul 4 **27**(27):7105-16 [[abstract on PubMed](#)][[citations on Google Scholar](#)] [[related articles](#)] [[full text](#)] [[order article](#)]**Selected by** | Kent Berridge **NEW**

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Kent BerridgeUniversity of Michigan,
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PHYSIOLOGY

Hypothesis

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This interesting paper suggests that nigrostriatal dopamine systems in humans may mediate 'motor motivation', which Parkinson's disease impairs. Mazzoni, Hristova, and Krakauer report that the fastest movements of Parkinson's patients equal the fastest of normal subjects, but that the probability of fast movements is reduced, and suggest that reduction in implicit motivation to incur energetic cost may explain the pattern.

Competing interests: None declaredEvaluated 17 Jul 2007 **NEW**[How to cite this evaluation](#)

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