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Title: Corticotropin-releasing hormone and dopamine release in healthy individuals

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Corticotropin-Releasing Hormone and Dopamine Release in Healthy Individuals

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Highlights:

1. We investigated dopamine release in striatum, midbrain and pallidum after injection of human corticotropin hormone (i.v.) in humans
2. Two positron emission tomography scans with the dopamine D2/3 receptor agonist [11C]-(+)-PHNO were conducted: one after placebo and one after iv corticotropin hormone.
3. We report that iv corticotropin hormone led to a detectable decrease in overall [11C]-(+)-PHNO binding, interpreted as increased dopamine release.

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