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*Clinical Trials Study*

4 **Altered spontaneous brain activity in patients with diabetic optic neuropathy: a resting-state functional MRI study using regional homogeneity**

Guo GY et al. ReHo study in diabetic optic neuropathy

Gui-Ying Guo\*, Li-Juan Zhang\*, Biao Li, Rong-Bin Liang, Qian-Min Ge, Hui-Ye Shu, Qiu-Yu Li, Yi-Cong Pan, Chong-Gang Pei#, Yi Shao#

These authors contributed equally to this work.

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## Altered intrinsic regional spontaneous brain activity in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4686319>

**Altered intrinsic regional spontaneous brain activity in patients with optic neuritis: a resting-state functional magnetic resonance imaging study.** ... this **study** is the first to evaluate the effect of ON on resting-state **brain activity** using the ReHo approach. In our **study**, we found that the ON group showed lower ReHo in the left cerebellum ...

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**Publish Year:** 2015

## ALTERED BRAIN NETWORK CENTRALITY IN PATIENTS WITH ...

<https://journals.aace.com/doi/full/10.4158/EP-2020-0045>

**ABSTRACT Objective:** Recent studies have suggested that **diabetic optic neuropathy** (DON) independently increases the incidence of **brain** diseases like cerebral infarction and hemorrhage. In this **study**...

## Altered Spontaneous Brain Activity in Type 2 Diabetes: A ...

<https://www.researchgate.net/publication/259387969...>

This **study** explored the topological properties of **functional** whole **brain** networks in T2DM **patients** with graph theoretical analysis **using a** resting-state **functional magnetic resonance imaging** (rs ...

## ALTERED BRAIN NETWORK CENTRALITY IN PATIENTS WITH ...

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**Purpose:** **Using** voxel-wise degree centrality (DC), as measured by resting-state fMRI, we aimed to **study** alterations in the **brain functional** networks in **patients** with primary angle-closure glaucoma ...

## Abnormal Regional Spontaneous Neural Activity in ...

<https://www.hindawi.com/journals/np/2020/8826787> ▾

**Objective .** To explore **altered regional neuronal activity in patients** with nonarteritic anterior ischemic **optic neuropathy** (NAION) and its correlation with clinical performances **using the regional homogeneity** (ReHo) method, which is based on resting-state **functional magnetic resonance imaging** (fMRI). **Method .** Thirty-one **patients** with NAION (20 males, 11 females) and 31 age- and sex-matched ...

**Author:** Pengde Guo, Pengbo Zhao, Han Lv, ...

**Publish Year:** 2020

## [PDF] Abnormal Regional Spontaneous Neural Activity in ...

[downloads.hindawi.com/journals/np/2020/8826787.pdf](https://downloads.hindawi.com/journals/np/2020/8826787.pdf)

**Objective.** To explore **altered regional neuronal activity in patients** with nonarteritic anterior ischemic **optic neuropathy** (NAION) and its correlation with clinical performances **using the regional**

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### Altered Brain Activity in Patients with Diabetic ...

<https://www.sciencedirect.com/science/article/pii/S1530891X20358730>

Apr 01, 2019 · Objective: Previous neuroimaging studies have shown that **diabetic** retinopathy (DR) is accompanied by abnormal **spontaneous brain activity**. The purpose ...

### Altered intrinsic regional spontaneous brain activity in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4686319>

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### Altered Brain Network Centrality in Patients with Diabetic ...

<https://www.sciencedirect.com/science/article/pii/S1530891X20484368>

Dec 01, 2020 · Objective: Recent studies have suggested that **diabetic optic neuropathy** (DON) independently increases the incidence of **brain** diseases like cerebral in...

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## Altered intrinsic regional spontaneous brain activity in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4686319>

**Altered intrinsic regional spontaneous brain activity in patients with optic neuritis: a resting-state functional magnetic resonance imaging study** Yi Shao , 1, \* Feng-Qin Cai , 2, \* Yu-Lin Zhong , 1 Xin Huang , 1, 3 Ying Zhang , 1 Pei-Hong Hu , 1 Chong-Gang Pei , 1 Fu-Qing Zhou , 2 and Xian-Jun Zeng 2

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Author: Yi Shao, Feng-Qin Cai, Yu-Lin Zhong, Xin Hu...

Publish Year: 2015

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[https://www.endocrinepractice.org/article/S1530-891X\(20\)48436-8/fulltext](https://www.endocrinepractice.org/article/S1530-891X(20)48436-8/fulltext)

Objective: Recent studies have suggested that **diabetic optic neuropathy** (DON) independently increases the incidence of **brain** diseases like cerebral infarction and hemorrhage. In this **study**, voxel-level degree centrality (DC) was used to **study** potential changes in **functional network brain activity** in DON **patients**. Methods: The **study** included 14 DON **patients** and 14 healthy controls (HCs) matched ...

## Altered Brain Network Centrality in Patients with Diabetic ...

<https://www.sciencedirect.com/science/article/pii/S1530891X20484368>

Dec 01, 2020 · Objective: Recent studies have suggested that **diabetic optic neuropathy** (DON) independently increases the incidence of **brain** diseases like cerebral in...

Author: Qian-Hui Xu, Qiu-Yu Li, Kang Yu, Qian-Mi... Publish Year: 2020

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