

A PATIENT'S PERSPECTIVE ON AI AND THE MIGRAINE BRAIN

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FOUNDER OF STUDIO MIGRAINE**

Studio  **Migraine**

VOOR VROUWEN MET MIGRAINE



Disclosure slide

I work as Market Access manager for Gilead Sciences

This company does not research migraine and does not have migraine medication in its portfolio

Studio Migraine is a non-profit organisation (stichting) aiming to...



- 1. Raise awareness for women with migraine**
- 2. Empower women to gain more control how to manage living with migraine**



As of today AI can support in:

- 1) Education/information
- 2) Raising awareness
- 3) Completion of simple tasks

I would like to see: support in preventing migraine attacks



Education: Can I drink grapefruit juice while using topiramate?



Simple task: Write a summary on this essay on migraine





2.500.000

People suffer from this serious brain disorder in the Netherlands

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MIGRAINE IS NOT JUST AN ORDINARY HEADACHE

Migraine is an impactful genetic brain disorder, consisting of different phases that can take days

Prodrome

The earliest phase, subtle changes in mood, energy, or senses that warn of an impending migraine attack.

Postdrome

The final stage, residual symptoms like fatigue, brain fog, and mood changes can linger for hours or days after the pain subsides.

1

2

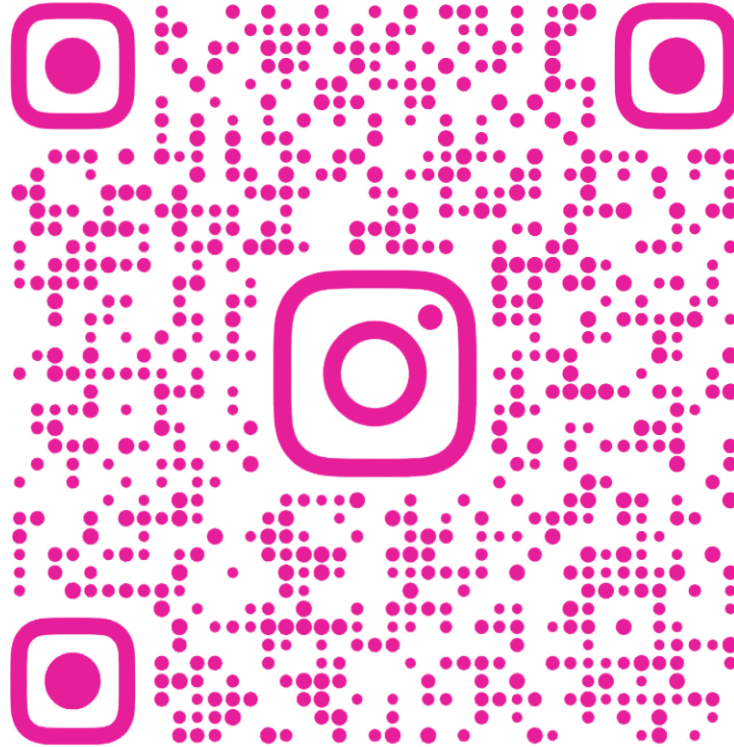
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Aura

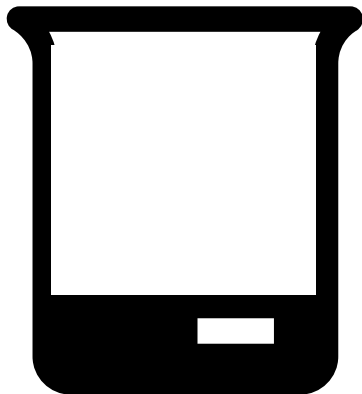
Attack

Characterized by intense, throbbing pain, often on one side of the head, along with nausea, vomiting, and sensitivity to light and sound.



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EVERYONE IS ABLE TO GET A MIGRAINE ATTACK



MIGRAINE IS THE NUMBER ONE CAUSE FOR DISABILITY GLOBALLY FOR **WOMEN** AGED 15-49

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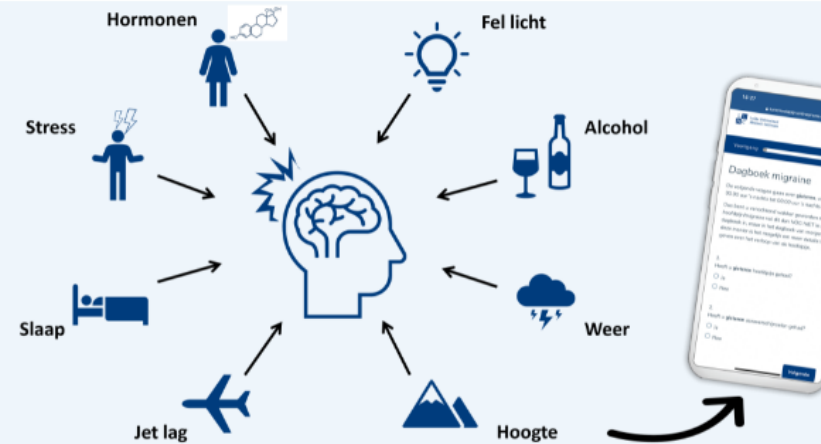
HOW CAN AI HELP A MIGRAINE BRAIN?

PREDICTION VS TREATMENT AND PREVENTION

Aanmelden voor de triggerstudie?

Heeft u gemiddeld tenminste 1 migraine aanval per maand? En wilt u zich aanmelden voor de studie? Stuur dan een e-mail met uw naam en contactgegevens naar: migraine_triggers@lumc.nl of gebruik de knop hieronder!

Aanmelden



The Trigger study in the LUMC investigates the relation between triggers, smartphone use and migraine attacks in order to predict migraine attacks



MY DEAREST ELLEN,

You look so nice today

Your chances of a migraine attack are 60%

Please be mindful of your triggers today

**MigrAIne
Prediction**



More research is needed to go from prediction to treatment and prevention



Recognize prodromal phase



As of Today: AI is a great support and the future looks promising but....

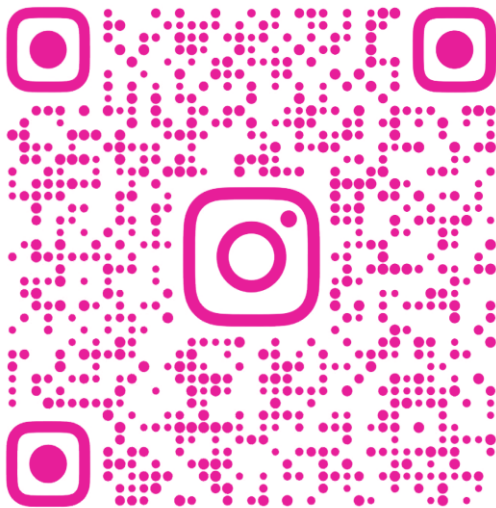
Reliable information

Patient Voice

Data privacy

AI dependency





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STUDIO MIGRAINE GOES LIVE IN SEPTEMBER 😊

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