

NEUROVISION  
GENÈVE



AIRCARE

# NEUROVISUAL APPROACH OF THE BRAIN PERFORMANCE



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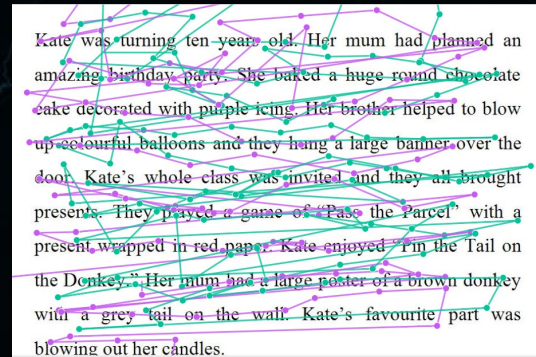
# 1 – Background & the lab

# 1-1 Background



□ **Orthoptist-trainer** at the Clermont-Ferrand University Hospital from 2009 to 2013  
(teaching - consultations - training – clinical research - humanitarian)

- Research in **eye-tracking** (=vidéo-oculography)
- Specialization in **neurovision** (learning disabilities, visual-spatial **dyspraxia**, dyslexia, cerebral palsy)



□ **Orthoptist-trainer** in Geneva, from 2013 to 2020 (Centre ophtalmologique de Rive)  
(teaching - consultations – insurance expert)

□ **Clinician in neuroscience** in Geneva and Los Angeles then Lausanne, from 2013 to 2020  
(clinical research – protocol development / Performance & Post-concussion)



□ **Orthoptist** in Lyon, from 2021 to 2023 (Centre ophtalmologique Kléber)  
(specialized consultations in sports performance)

□ **Clinician in neuroscience** in Lyon, from 2021 to 2025 (Neurovision Sport & Performance)  
(clinical reasearch – protocol development / Performance & Post-concussion)



□ **Clinician in neuroscience** in Genève, from 2026 (Neurovision Genève)  
(clinical research - protocol development / Performance & Post-concussion)



# 1-2 Neurovision Genève lab (by AirCARE)



Situated in Geneva  
At 10mn of Geneva International Airport



A stylized, glowing brain with a network of connections, set against a dark background with faint lightning bolts. The brain is rendered in shades of blue and green, with a complex, interconnected network of lines representing neural pathways. The background is dark with faint, glowing lightning bolts scattered across it.

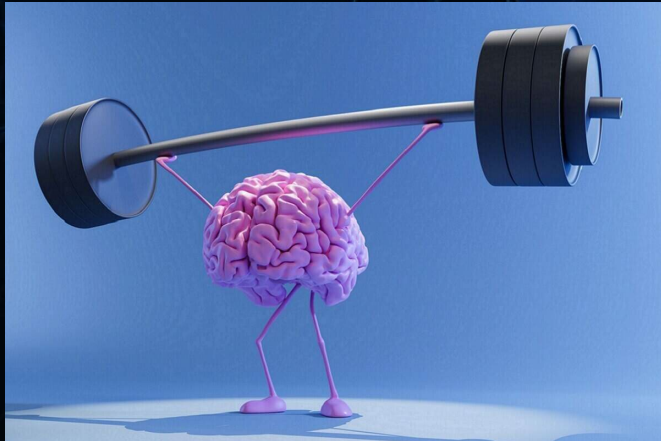
2 – Our work / Brain performance

# NEUROVISION GENEVE

Performance

Pathology

Research



## 2-2 Performance

# Improving **brain performance**

Children

Professional

Athletes

Senior

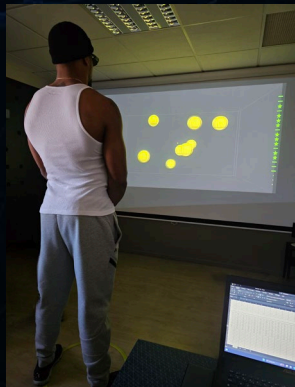


## 2-2 Performance

### Visual-cognitive comprehensive assessment (1h30mn – 1h45mn)



- Visual acuity
- Oculomotricity
- Convergence / divergence
- Color perception
- Depth perception
- Exploratory strategy
- Eye movement calibration
- Inhibition
- Pre-visualization



### Neurostimulation sessions (60mn)

- Trajectory anticipation
- Efficient exploratory strategy
- Cognitive endurance
- Lucidity under stress / fatigue
- Depth perception
- Decreasing cognitive fatigue
- Brain process speed



# 2-2 Performance – brain activation



A stylized, glowing blue and green brain is centered on a dark background. The brain is rendered with a translucent, wireframe-like appearance, showing the intricate folds of the cerebral cortex. A network of thin, glowing lines, resembling neural connections or a complex network, is overlaid on the brain and extends into the surrounding dark space. The overall aesthetic is futuristic and scientific.

## 3 – Pathology

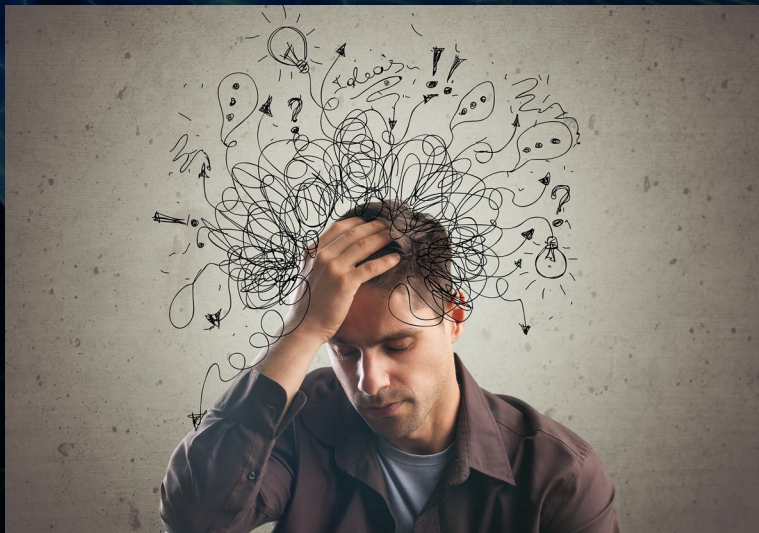
### 3-3 Pathology

Decreasing **symptoms**

Learning disabilities

Attention deficits

Post-concussion syndrom





## 4 – Clinical Research

## 4- Clinical research

Always **improving** our **knowledge**

### Neurovision Genève

- New protocols
- Software
- Cognitive endurance markers

### Health Lab

- Cooperation with researchers
- Cooperation with labs
- Cooperation with universities

### AirCARE

- New technologies
- Transversal taking care
- Health prevention
- From childhood to senior

### European center of concussion

- Physical multidisciplinary center of rehab
- European network
- Expertise

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Thank you for your attention.

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