

Web-application guided bimodal olfactory training for COVID-19 patients

a randomized trial

Study design & methodology


→ Prospective randomized trial

👃 Persistent post-COVID-19 olfactory dysfunction patients

🕒 Duration: 2 months



🌸 Innovative olfactory kit
Ma Madeleine™

📶 Web application guided olfactory training

 **Group A: n=43**
Classical training
Vs

 **Group B: n=40**
Ma Madeleine™ training

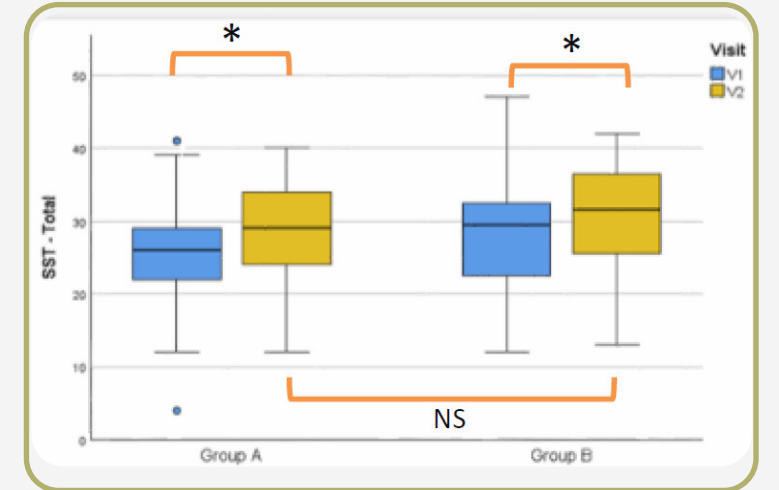
Main overall results (n=83):

- TDI  26.5 ± 7.5 to $29.1 \pm 7.4^*$
- Ortho/RetronasI subjective improvement
- Qualitative dysfunction :  ~20%*
- Quality of life improvement*
- Semantic memory improvement*

Main comparative results:

- No differences between A vs B
- Better adherence in group B*

**p<0,005*



Conclusion

Ma Madeleine™ improves olfactory function and quality of life in persistent post-COVID-19 olfactory dysfunction patients

Ma Madeleine™ training enhances adherence

Further studies are needed to confirm cognitive benefits

