

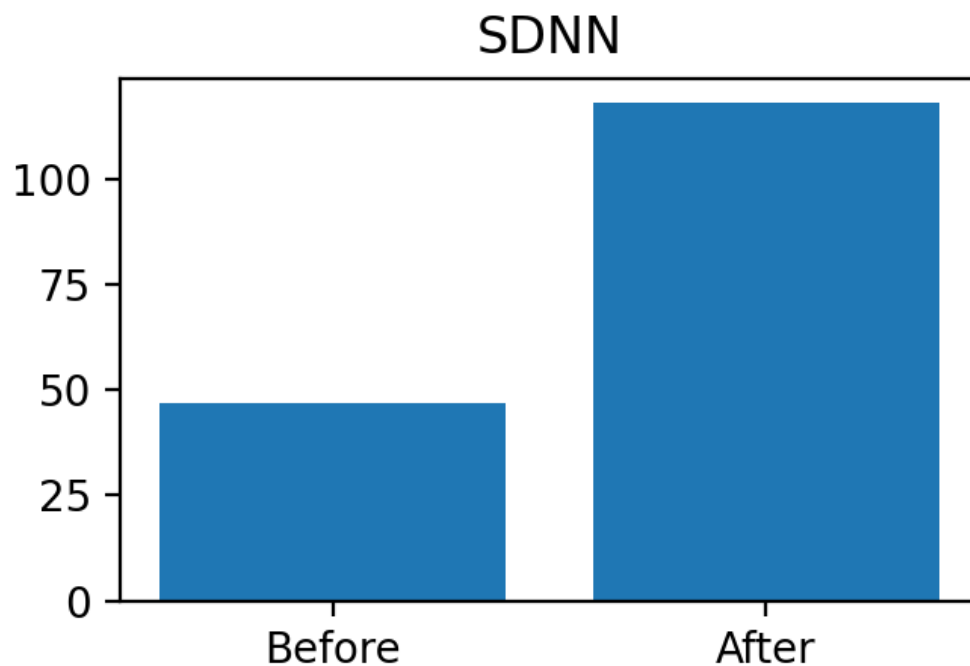
Preliminary Case Report

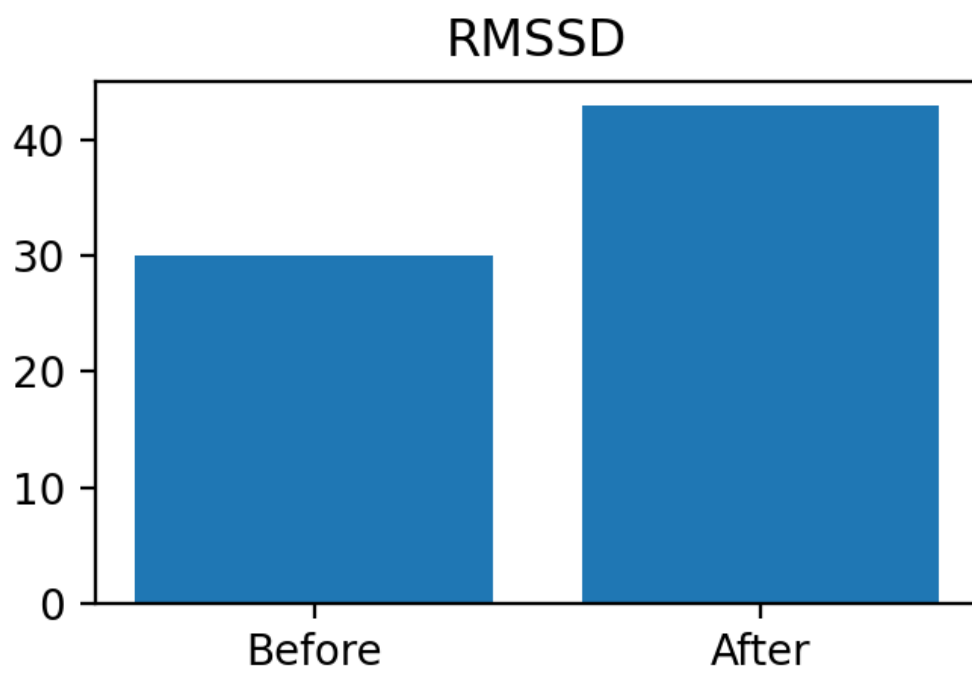
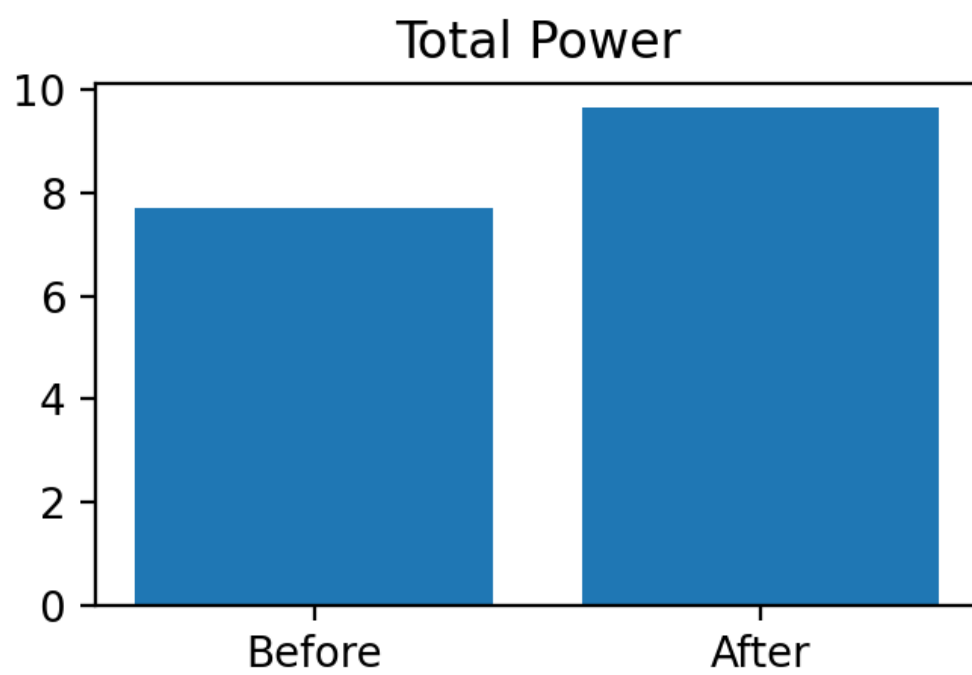
Immediate Changes in Autonomic Nervous System Function Following an ELLUMIS Session in a Military Veteran with PTSD

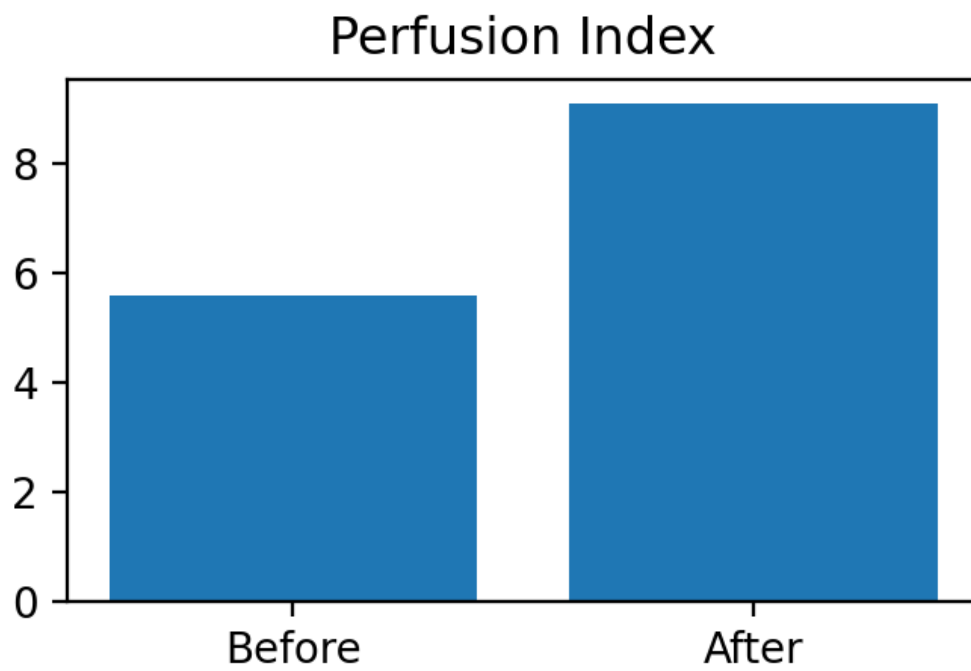
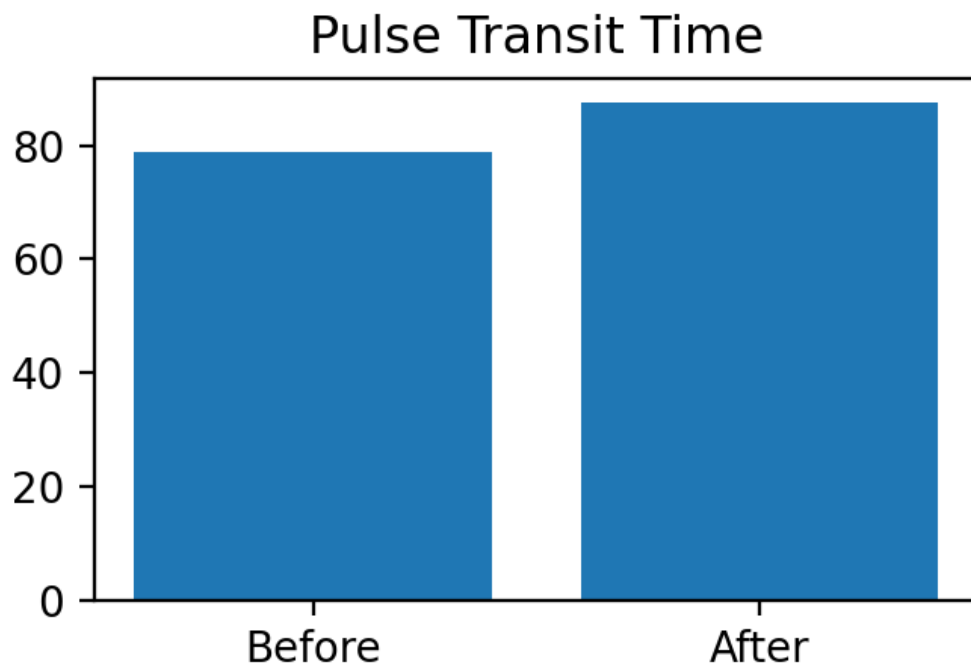
This report summarizes physiological measurements collected immediately before and after a single ELLUMIS session using the BioTekna PPG Stress Flow system. Observed improvements included increased heart rate variability, increased autonomic power, improved peripheral perfusion, and improved pulse transit time. These findings represent observations from a single participant and should not be interpreted as evidence that ELLUMIS treats or cures PTSD. Controlled studies are needed.

Key Results

- SDNN increased from 47 ms to 118 ms (+151%).
- RMSSD increased from 30 ms to 43 ms (+43%).
- Total ANS Power increased from 7.70 to 9.65 (+25%).
- Peripheral Perfusion Index increased from 5.6% to 9.1%.
- Pulse Transit Time improved from 78.8 ms to 87.5 ms.







Conclusion

The participant demonstrated immediate improvements in several objective autonomic and vascular parameters following the session. These preliminary findings support further investigation into autonomic regulation using larger, controlled clinical studies.