

Current evidence to date that indicates ME patients might uniquely be unable to reproduce CPET (cardiopulmonary exercise testing) measures during a second test, despite giving maximal effort during both tests, due to the effects of post-exertional malaise on energy production.

Diseases that show no decline on the second day of CPET:

- Heart failure: <https://pubmed.ncbi.nlm.nih.gov/8797412/>
- Pulmonary hypertension: <https://pubmed.ncbi.nlm.nih.gov/15364761/>
- End-stage renal disease: <https://pubmed.ncbi.nlm.nih.gov/11588748/>
- Cystic fibrosis: <https://pubmed.ncbi.nlm.nih.gov/10453863/>
- Mild-moderate COPD: <https://pubmed.ncbi.nlm.nih.gov/2494393/>
- Stroke: <https://pubmed.ncbi.nlm.nih.gov/13680566/>
- Sarcoidosis: <https://www.sciencedirect.com/science/article/pii/S0889159113001967>

Pilot studies directly comparing ME vs. other diseases:

- MS: <https://pubmed.ncbi.nlm.nih.gov/22210239/>
- MS: <http://onlinelibrary.wiley.com/doi/10.1111/cpf.12460/abstract>
- MS, HIV:
https://journals.lww.com/cptj/Citation/2019/10000/REPRODUCIBILITY_OF_MEASUREMENTS_OBTAINED_DURING.4.ASPX

Without CPET:

- Sjörgen

<https://www.mdpi.com/2077-0383/12/15/4994>

Meta-analyses:

<https://www.mdpi.com/2077-0383/9/12/4040>

<https://www.tandfonline.com/doi/full/10.1080/21641846.2022.2108628>