

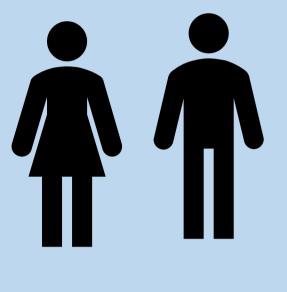




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Included: 24 idiophatic Parkinson's Disease

Medical Records



Adults: 41-59 y.o. Elderly: 61-87 y.o.



 Disease duration Hoehn & Yahr scale (H&Y) Unified Parkinson's Disease Rating Scale (UPDRS)

Sarcopenia¹

• Risk



SARC-F Cutoff values: scores

than 4^2



 Handgrip strength (dynamometer) Cutoff values: 16 kg

• Probable

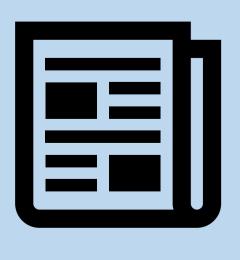


• Calf circumference – CC Cutoff values: 33 cm females/34 cm males³

equal to or greater

females/27 kg males⁴

Dysphagia risk



- Eating Assessment Tool (EAT-10)⁵ • Cutoff value: 3
- Swallowing Disturbance Questionnaire (SDQ-PD)⁶
- Cutoff value: 11

References

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Sarcopenia and dysphagia risk assessment instruments in Parkinson's Disease

Objective

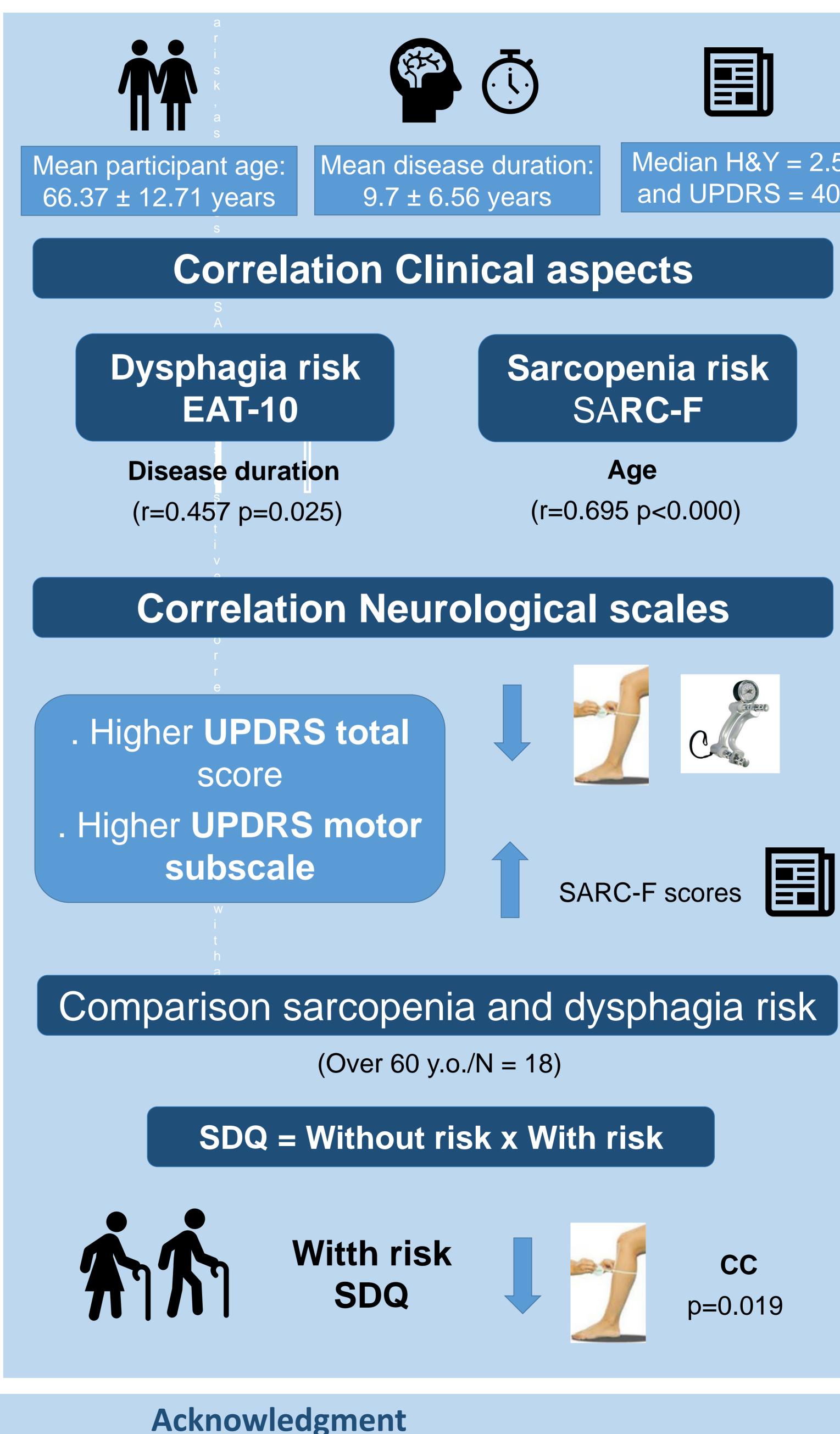
The purpose of this study is to determine the correlation between dysphagia risk and sarcopenia risk in PD patients, taking into account age, disease duration, neurological scales and risk assessment instruments

Conclusion

 Higher motor and global impairments on the scale (UPDRS) entails lower hand grip strength and calf circumference measurements, as well as worse SARC-F scores

 Elderly group with PD at risk of dysphagia (SDQ), presented lower CC values, indicating a loss of muscle mass.

 This condition also affects muscles responsible for swallowing, heightening the risk of dysphagia in elderly PD subjects



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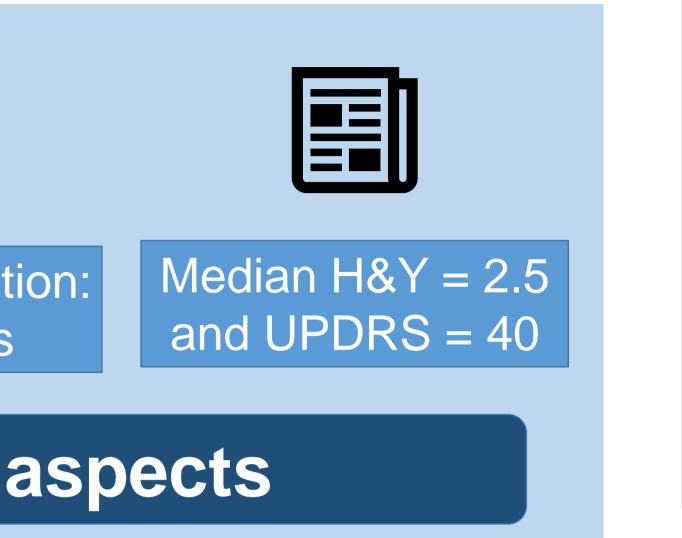


LabED





Poster presented at:



DKS2021