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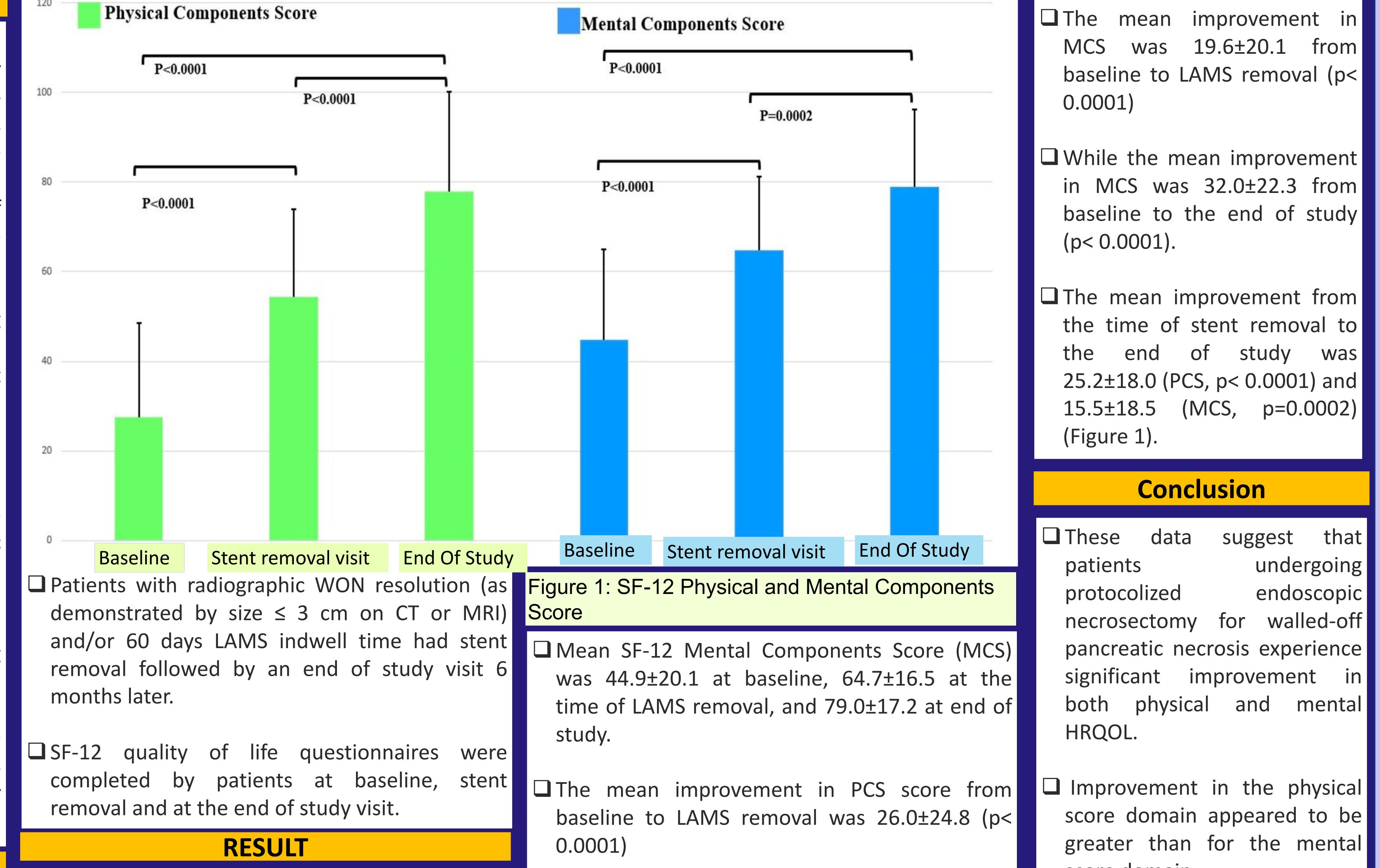
Assessment of Physical and Mental Health Before and After Protocolized Endoscopic Necrosectomy for Walled-Off Pancreatic Necrosis in a Prospective Multi-Center Trial

INTRODUCTION

- IDE FDA regulatory prospective multi-center (G170261trial clinical NCT03525808) was performed evaluate protocolized rigorous management of walled off necrosis (WON) ≥ 6 cm in size with > 30% necrotic material using endoscopic ultrasound (EUS) guided lumen apposing (LAMS) metal stent with/without placement endoscopic necrosectomy.
- ☐ Few studies have examined changes in health related quality of life (HRQOL) before endoscopic after management for WON.
- ☐ The SF-12 is a validated measure of HRQOL containing 12 items which yield a Mental Components Score (MCS) and a Physical Components Score (PCS). Higher scores correspond to a greater perceived quality of life.

METHOD

pre-specified target ☐ The sample of 40 patients was enrolled by multiple centers from Sept 2018 to Mar 2020.



☐ Mean SF-12 Physical Components Score (PCS)

was 27.5±21.1 at baseline, 54.4±19.5 at the time

of LAMS removal, and 77.9±22.3 at end of study.

☐ The mean improvement in PCS score from baseline to end of the study was 49.1±29.6 (p< 0.0001).

- improvement in was 19.6±20.1 from baseline to LAMS removal (p< 0.0001)
- ☐ While the mean improvement in MCS was 32.0±22.3 from baseline to the end of study (p < 0.0001).
- ☐ The mean improvement from the time of stent removal to study was 25.2±18.0 (PCS, p< 0.0001) and 15.5±18.5 (MCS, p=0.0002) (Figure 1).

Conclusion

- ☐ These that suggest undergoing patients endoscopic protocolized necrosectomy for walled-off pancreatic necrosis experience significant improvement in both physical and mental HRQOL.
- score domain appeared to be greater than for the mental score domain.
- ☐ HRQOL indicators continued to improve over a mean follow-up of 180 days.