Pain thresholds in the warm (painful warm) and the cold (painful cold) temperature were lower in CD patients in both the upper and the lower limb compared to controls. There was a statistically significant difference between the two groups regarding the cold pain threshold (16.4°C±7.5°C vs 12.1°C±9.0°C, p=0.023) and a trend for a statistically significant difference regarding the warm pain threshold (41.9°C±3.2°C vs 43.3°C±3.3°C, p=0.067) in the upper limb.

Conclusions Asymptomatic young CD patients show abnormal pain thresholds compared to healthy controls. Cohort studies are needed to describe the natural history of neuropathic pain and PN development in these patients.