

Improvement of QOL scores

Study Protocol

Study design: Phase 1 study design (one arm, open trial)

Subjects: Pancreatic or biliary tract cancer 16 patients (age : 50-84 years old)

Intake: THERACURMIN® take 200 mg/ day a starting dose, and the dose was safely escalated to contained 400 mg/day Over 4 weeks

Fatigue and functioning associated quality of life (QOL) scores significantly improved after THERACURMIN® ingestion.

Changed in QOL scores

	Baseline	Best score during curcumin intake	Mean Change	P value ^{*3}
Fatigue score	38.0 ± 13.2	24.8 ± 14.3	-13.2	0.004
Functional score ^{* 1,2}	82.8 ± 11.9	90.7 ± 8.1	8.0	0.001

^{*1} Five functional scores (emotional, role, cognitive, physical, and social functions) were pooled together.

^{*2} A higher score indicates a better symptom; otherwise, a lower score indicates a better symptom.

^{*3} P<0.005 was regarded as significant for multiple comparisons.