

Supplementary Table 1. Dosage regimens of analgesics

Analgesic type	Drug name	Typical starting dose [4, 5]	Maximum dose used in this study
Acetaminophen	Paracetamol	1 g q.d.s. PO	4 g daily PO
Non-steroidal anti-inflammatory	Ibuprofen	400 mg t.d.s. PO	1.2 g daily PO
Weak opioid	Tramadol	100 mg b.d. PO	200 mg daily PO
Strong opioid	Morphine	5 mg q.d.s. for opioide naïve patients, PO	60 mg daily PO
	Oxycodone	5 mg every 4-6 hours PO	20 mg daily PO
	Hydromorphone	8 mg o.d. PO	16 mg daily PO
	Fentanyl	25 mcg/h transdermal, reapplied q72hr	150 mcg/h
	Methadone	2.5 mg o.d. PO	5 mg daily PO
Adjuvant analgesics	Pregabalin	75 mg b.d. PO	300 mg daily PO
	Gabapentin	300 mg o.d. PO	900 mg daily PO
	Dexamethasone	4 mg b.d. PO	8 mg daily PO

o.d. - once per day, b.d. – twice per day, t.d.s. – three times per day, q.d.s. - four times per day, PO - per os.

Supplementary Table 2. Pharmacological management of lung cancer-related pain in the patient cohort

Analgesic type	Drug name	Number of patients taking the drug (% of all patients on pain medication)	Dosage (TDD)*	Number of patients (% of patients on that drug)
Acetaminophen	Paracetamol	19 (46.3)	1000 mg	10 (52.6)
			2000 mg	8 (42.1)
			4000 mg	1 (5.3)
Non-steroidal anti-inflammatory	Ibuprofen	11 (26.8)	400 mg	4 (36.4)
			800 mg	6 (54.5)
			1200 mg	1 (9.1)
Weak opioid	Tramadole	10 (24.4)	50 mg	3 (30.0)
			100 mg	3 (30.0)
			200 mg	4 (40.0)
Strong opioid	Morphine	31 (75.6)	20 mg	16 (51.6)
			30 mg	7 (22.6)
			40 mg	3 (9.7)
			60 mg	5 (16.1)

	Oxycodone	2 (4.9)	5 mg	1 (50.0)
			20 mg	1 (50.0)
	Hydromorphone	8 (19.5)	8 mg	7 (87.5)
			16 mg	1 (12.5)
	Fentanyl	17 (41.5)	25 mcg/h	7 (41.1)
			50 mcg/h	4 (23.5)
			100 mcg/h	1 (5.9)
			125 mcg/h	2 (11.8)
			150 mcg/h	3 (17.7)
	Methadone	2 (4.9)	2.5 mg	1 (50.0)
			5.0 mg	1 (50.0)
Adjuvant analgesics	Pregabalin	3 (7.3)	75 mg	2 (66.7)
			300 mg	1 (33.3)
	Gabapentin	3 (7.3)	300 mg	2 (66.7)
			900 mg	1(33.3)
	Dexamethasone	16 (39.0)	4 mg	4 (25.0)
			8 mg	12 (75.0)

*TDD – total daily dosage