

Supplementary data

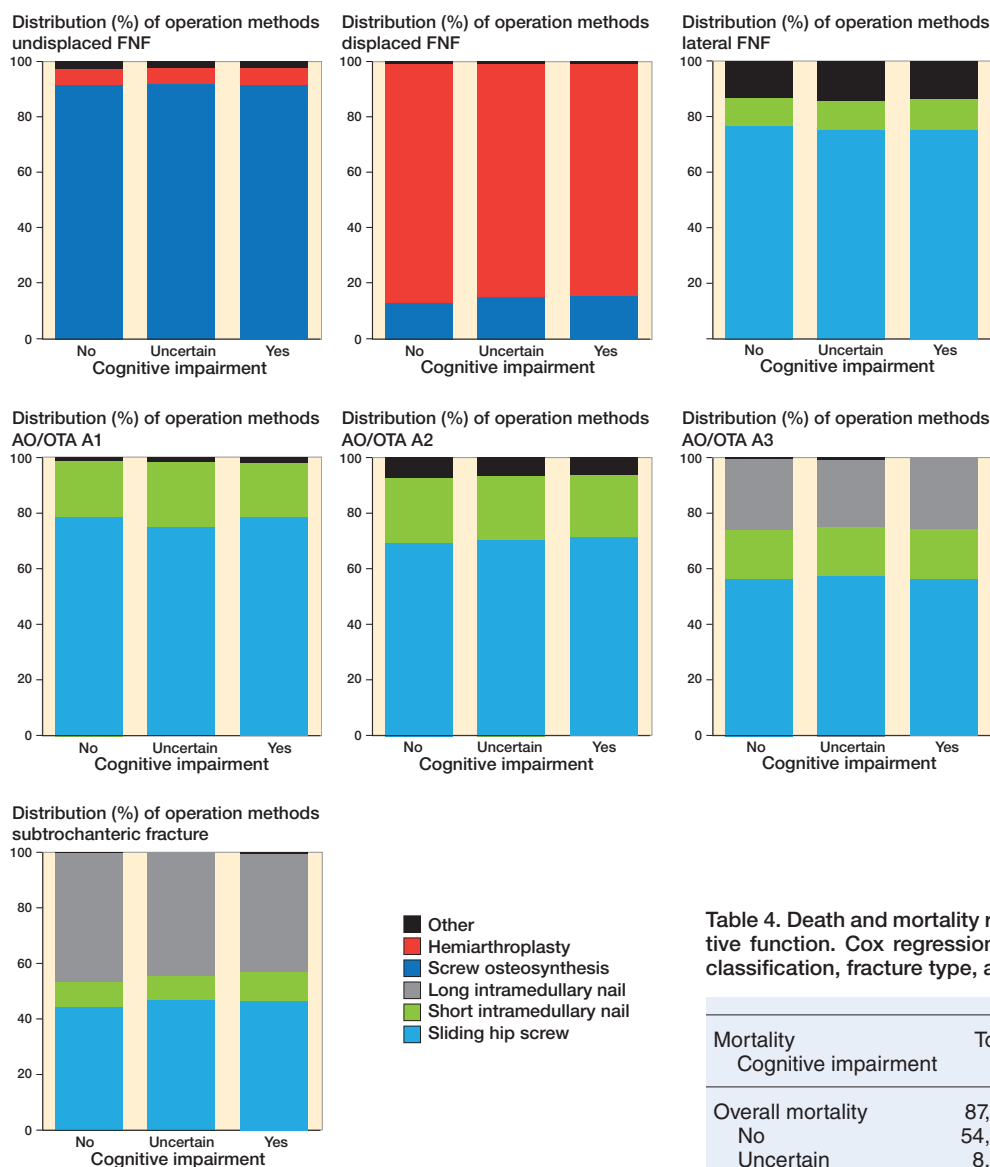


Figure 2. Distribution of primary operation methods by cognitive function for different fractures.
 FNF = femoral neck fracture.
 AO/OTA A1 = two-part trochanteric fractures.
 AO/OTA A2 = multi-fragment trochanteric fractures.
 AO/OTA A3 = intertrochanteric femoral fractures.

Table 4. Death and mortality risk after hip fracture surgery by cognitive function. Cox regression with adjustments for age, sex, ASA classification, fracture type, and treatment

Mortality	Total n	Dead n (%)	Hazard Rate ratio (95% CI)
Cognitive impairment			
Overall mortality	87,573	51,164 (58)	
No	54,859	27,307 (50)	1 reference
Uncertain	8,985	6,361 (71)	1.6 (1.5–1.6)
Yes	23,729	17,496 (74)	2.1 (2.0–2.1)
30-day mortality	87,573	6,452 (7.4)	
No	54,859	2,507 (4.6)	1 reference
Uncertain	8,985	865 (9.6)	1.6 (1.5–1.8)
Yes	23,729	3,080 (13)	2.2 (2.1–2.3)
90-day mortality	87,573	11,652 (13)	
No	54,859	4,676 (8.5)	1 reference
Uncertain	8,985	1,547 (17)	1.6 (1.6–1.7)
Yes	23,729	5,429 (23)	2.2 (2.1–2.3)
1-year mortality	87,573	20,511 (23)	
No	54,859	8,851 (16)	1 reference
Uncertain	8,985	2,687 (30)	1.6 (1.5–1.7)
Yes	23,729	8,973 (38)	2.1 (2.1–2.2)