

eTable 1. Patients characteristics according to 90-day follow-up status

	Patients lost to follow up (n=29)	Patients with 90-day GOS-E evaluation (n=345)
Demographic and patient characteristics		
Age, years	70 (59;75)	67 (58;74)
Male sex (n=368)	16 (55.2%)	219 (64.6%)
Body mass index (n=353)	27.7 (24.2;31)	28.4 (24.95;31.3)
No comorbidity	1 (3.5%)	102 (29.6%)
Neurological comorbidity	9 (31.0%)	53 (15.4%)
Presumed ultimately fatal comorbidity	12 (41.4%)	50 (14.5%)
Charlson comorbidity index	4 (3;7)	3 (2;5)
Clinical and laboratory findings at ICU admission		
Delirium/ Subsyndromal delirium †	25 (86.2%)	279 (80.9%)
Glasgow Coma Scale score	14 (11;14)	13 (7;14)
Coma, GCS <9 †	5 (17.2%)	103 (29.9%)
PaO ₂ /FiO ₂ , mmHg/% (n=295)	102 (73.5;176)	96 (72;154)
Severity scores on day 1 after hospital admission		
SAPS II score (n=370)	38 (32;45)	43 (35;50)
Total SOFA score	5 (4;7)	6 (4;8)
ICU management		
Conventional oxygen therapy	22 (78.9%)	293 (84.9%)
High-flow nasal oxygen	18 (62.1%)	156 (45.2%)
Non-invasive ventilation	4 (13.8%)	52 (15.1%)
Mechanical ventilation	21 (72.4%)	290 (84.1%)
Venovenous extracorporeal membrane oxygenation	2 (6.9%)	5 (1.5%)
Vasopressor or inotropic support	19 (65.5%)	270 (78.3%)
Renal replacement therapy	4 (13.8%)	77 (22.3%)
Diagnostic workup		
Brain imaging	15 (51.7%)	134 (38.8%)
Lumbar puncture	1 (3.5%)	40 (11.6%)
Electroencephalography	3 (10.3%)	62 (18.0%)
Final diagnosis for acute encephalopathy		
Toxic-metabolic encephalopathy (septic and/or hypoxic and/or toxic metabolic)	24 (82.8%)	282 (81.7%)
CNS infectious or inflammatory complication	1 (3.5%)	12 (3.5%)
CNS vascular thrombotic or hemorrhagic complication	4 (13.8%)	38 (11.0%)
Other causes*	0	13 (3.8%)
Outcomes		
WLST	1 (3.5%)	57 (16.5%)
Length of ICU stay, days	14 (4;25)	14 (8;24)
Length of hospital stay, days	30 (17;45)	22 (15;36)

Data are number (%) or median (interquartile range).

*Status epilepticus/ posterior reversible encephalopathy syndrome / reversible cerebral vasoconstriction syndrome

CNS=central nervous system; FiO₂=fraction of inspired oxygen; GCS=Glasgow Coma Scale score; ICU=neurocritical or intensive care Unit; PaO₂=partial pressure of oxygen; SAPS=Simplified Acute Physiology Score; SOFA=Sequential Organ Failure Assessment score; WLST=withdrawal of life-sustaining treatment

† some patients may have had consecutively experienced both condition