

Supplementary Table 1. Details of included studies

First author	Publication year	Total numbers of patients	Numbers of patients with ARDS	Study design	Number of patients with high grade SAH	Patient with good neurologic outcome	Number of survivals at the hospital discharge
Abecassis	2017	360	73	Retrospective cohort	277		313
Bai	2017	128	16	Prospective cohort		120	
Gruber	1998	207	35	Prospective cohort	147	137	161
Hoesch	2012	192	68	Prospective cohort	30		110
Kassell	1990	3,521	70	Prospective cohort	1,332	2,946	2,606
Kahn	2006	620	170	Retrospective cohort	137		463
Kitamura	2010	96	26	Retrospective cohort	19	63	76
Kramer	2009	245	28	Retrospective cohort	152	157	208
Mazeraud	2021	851	31	Retrospective cohort		511	684
Naidech	2009	171	24	Prospective cohort	22		
Unda	2020	204	7	Retrospective cohort	35	125	187