

Supplementary Material 3. References of included articles

1. Gruber A, Reinprecht A, Görzer H, Fridrich P, Czech T, Illievich UM, Richling B. Pulmonary function and radiographic abnormalities related to neurological outcome after aneurysmal subarachnoid hemorrhage. *J Neurosurg* 1998;88:28-37.
2. Bai W, Li W, Ning YL, Li P, Zhao Y, Yang N, et al. Blood glutamate levels are closely related to acute lung injury and prognosis after stroke. *Front Neurol* 2018;8:755.
3. Hoesch RE, Lin E, Young M, Gottesman RF, Altaweel L, Nyquist PA, et al. Acute lung injury in critical neurological illness. *Crit Care Med* 2012;40:587-93.
4. Kitamura Y, Nomura M, Shima H, Kuwana N, Kuramitsu T, Chang CC, et al. Acute lung injury associated with systemic inflammatory response syndrome following subarachnoid hemorrhage: a survey by the Shonan Neurosurgical Association. *Neurol Med Chir (Tokyo)* 2010;50:456-60.
5. Kahn JM, Caldwell EC, Deem S, Newell DW, Heckbert SR, Rubinfeld GD. Acute lung injury in patients with subarachnoid hemorrhage: incidence, risk factors, and outcome. *Crit Care Med* 2006;34:196-202.
6. Kramer AH, Bleck TP, Dumont AS, Kassell NF, Olson C, Nathan B. Implications of early versus late bilateral pulmonary infiltrates in patients with aneurysmal subarachnoid hemorrhage. *Neurocrit Care* 2009;10:20-7.
7. Petridis AK, Doukas A, Kienke S, Maslehaty H, Mahvash M, Barth H, et al. The effect of lung-protective permissive hypercapnia in intracerebral pressure in patients with subarachnoid haemorrhage and ARDS: a retrospective study. *Acta Neurochir (Wien)* 2010;152:2143-5.
8. Abecassis IJ, Morton RP, McGrath L, Hanson J, Xue AH, Kelly CM, et al. Respiratory and swallowing outcomes based on aneurysm location in 360 patients with subarachnoid hemorrhage. *World Neurosurg* 2017;105:108-14.
9. Naidech AM, Bassin SL, Garg RK, Ault ML, Bendok BR, Batjer HH, et al. Cardiac troponin I and acute lung injury after subarachnoid hemorrhage. *Neurocrit Care* 2009;11:177-82.
10. Mazeraud A, Robba C, Rebora P, Iaquaniello C, Vargiolu A, Rass V, et al. Acute distress respiratory syndrome after subarachnoid hemorrhage: incidence and impact on the outcome in a large multicenter, retrospective cohort. *Neurocrit Care* 2021;34:1000-8.
11. Unda SR, Labagnara K, Birnbaum J, Wong M, de Silva N, Terala H, et al. Impact of hospital-acquired complications in long-term clinical outcomes after subarachnoid hemorrhage. *Clin Neurol Neurosurg* 2020;194:105945.
12. Kassell NF, Torner JC, Haley EC Jr, Jane JA, Adams HP, Kongable GL. the international cooperative study on the timing of aneurysm surgery. Part I: overall management results. *J Neurosurg* 1990;73:18-36.