
TSCCM-JSICM Symposium

[TJS4]TSCCM-JSICM Symposium4

Perioperative critical care

Chair: Moritoki Egi (Department of Anesthesiology, Kobe University Hospital, Japan), Sahadol

Poonyathawon (Department of Anesthesiology, Chulalongkorn University, Thailand)

Fri. Mar 1, 2019 4:30 PM - 5:45 PM 第11会場 (国立京都国際会館1F Room C-2)

[TJS4-4] Perioperative respiratory management

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【ライブ配信】

The concept of the protective ventilation was raised in late 1990th for the management of acute respiratory distress syndrome (ARDS) in preventing ventilator-associated lung injury (VALI).

During surgery, there are multiple insults to the patients including pain, fear, bleeding, transfusion, infection, ischemia-reperfusion, hyperoxia / hypoxia, or extracorporeal circulation. These insults may induce systemic inflammation which then prime the lungs being susceptible to lung injury. Hence, protective ventilation strategy is now extended to patients undergoing surgery who do not have respiratory complications preoperatively.

After the session, the participants will understand the ideal respiratory management for the surgical patients and the reason of which with updated knowledge.