

Supplementary Information

Additional File 4.

List of agents used during this patient's perioperative periods.

Clinical course	Induction of anesthesia for cardiac surgery	Maintenance of anesthesia during cardiac surgery	On admission to ICU after cardiac surgery	During ICU stay after anaphylaxis	Induction of anesthesia for gastric surgery	Maintenance of anesthesia during gastric surgery after anaphylaxis	All causative agents
Possibility of anaphylaxis	±	-	+	-	+	-	
Anaphylactic signs	Severe drop in blood pressure during induction of anesthesia		Rash on both upper extremities, severe drop in blood pressure, and elevated airway resistance		Rash on abdomen and thighs, severe drop in blood pressure, and elevated airway resistance		
Agent list in the order of administration during events					Remimazolam		Remimazolam
	Midazolam		Midazolam				Midazolam
	Fentanyl	Fentanyl		Fentanyl	Fentanyl	Fentanyl	Fentanyl
	Remifentanyl	Remifentanyl			Remifentanyl	Remifentanyl	Remifentanyl
	Rocuronium	Rocuronium		Rocuronium	Rocuronium		Rocuronium
				Propofol		Propofol	Propofol
				Dexmedetomidine			Dexmedetomidine
			FFP				FFP

ICU, intensive care unit; FFP, fresh-frozen plasma.

Agents in the striped area were administered during periods when the patient did not experience anaphylactic reactions and were considered safe.