

Drug Challenge Tests With General Anesthetics: Predictive Value of Skin Tests

SUPPLEMENTARY MATERIAL

Appendix 1. Clinical characteristics and outcome of tests with general anesthetics.

Case	Gender	Age (yr)	Clinical symptoms	Suspicious drug	IDT	DCT	Final Diagnosis
1	F	69	Rash	Propofol Latex Chlorhexidine	- - -	- - -	No allergy
2	F	23	Urticaria	Propofol Rocuronium Fentanyl Lidocaine Latex Chlorhexidine	- - - - + SPT&sIgE -	- - - - ND -	Allergy to latex
3	F	63	Urticaria	Propofol Rocuronium Fentanyl Lidocaine Pipe-taz. Latex Chlorhexidine	- - - - - - -	- - - - - - -	No allergy
4	F	42	Urticaria- angioedema	Propofol Rocuronium Fentanyl Midazolam Mepivacaine Latex Chlorhexidine	- - - - - - -	- - - - - - -	No allergy
5	F	71	Anaphylactic shock + cardiopulmonary arrest	Propofol Rocuronium Fentanyl Midazolam Lidocaine Latex Chlorhexidine	- - - - - - -	ND ND - - - - -	Anaphylactic shock due to propofol vs rocuronium.
6	M	30	Rash	Propofol Fentanyl Cefazolin Midazolam Latex Chlorhexidine	- - - - - -	- - - - - -	No allergy
7	F	62	Urticaria- angioedema	Propofol Rocuronium Fentanyl Cefazolin Lidocaine Dexketoprofen Metamizole Latex Chlorhexidine	- - - - - - + - -	- - - - - - ND - -	Allergy to pyrazolones

8	M	63	urticaria	Propofol Rocuronium Fentanyl Cefazolin Latex Chlorhexidine	- - - - - -	- - - - - -	No allergy
9	M	64	Anaphylactic shock	Propofol Rocuronium Fentanyl Cefazolin Pethidine Midazolam Lorazepam Latex Chlorhexidine	- - - + - - - - -	- - - ND - - - - -	Allergy to cefazolin
10	F	69	Urticaria	Propofol Lidocaine Latex Chlorhexidine	- - - -	+ - - -	Allergy to propofol
11	F	21	Urticaria	Propofol Midazolam Droperidol Lidocaine Mepivacaine Bupivacaine Cefazolin Latex Povidone iodine	- - - - - - + - -	- - - - - - ND - -	Allergy to cefazolin
12	M	54	Angioedema glottis	Propofol Rocuronium Fentanyl Midazolam Remifentanyl Mepivacaine Latex Chlorhexidine	- - - - - - - -	- - - - - - - -	No allergy
13	F	25	Rash	Propofol Rocuronium Fentanyl Bromazepam Lidocaine Latex Chlorhexidine	- - - - - - -	- - - - - - -	No allergy
14	M	28	Bronchospasm	Propofol Fentanyl Rocuronium Latex Chlorhexidine	- - - - -	- - - - -	Irritative bronchospasm
15	M	42	Urticaria	Propofol Fentanyl Rocuronium Cefazolin Midazolam Sugammadex Latex Povidone iodine	- - - - - - - -	- - - + - - - -	Allergy to cefazolin
16	F	55	Urticaria	Propofol Latex Povidone iodine	- - -	- - -	No allergy
17	F	47	Bronchospasm	Propofol Lidocaine	- -	- -	Irritative

				Latex	-	-	bronchospasm
				Chlorhexidine	-	-	
18	F	44	Urticaria	Propofol	-	-	No allergy
				Rocuronium	-	-	
				Lidocaine	-	-	
				Fentanyl	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
19	M	50	Urticaria (3 episodes)	Propofol	-	-	Allergy to pyrazolones
				Rocuronium	-	-	
				Fentanyl	-	-	
				Sugammadex	-	-	
				Lidocaine	-	-	
				Bupivacaine	-	-	
				Cefazolin	-	-	
				Metamizole	+	ND	
				Latex	-	-	
				Chlorhexidine	-	-	
20	F	31	Bronchospasm	Propofol	-	-	Irritative bronchospasm
				Fentanyl	-	-	
				Rocuronium	-	-	
				Sugammadex	-	-	
				Cefazolin	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
21	77	M	Urticaria	Propofol	-	-	Allergy to opioids
				Rocuronium	-	-	
				Fentanyl	-	+	
				Remifentanil	-	+	
				Sugammadex	-	-	
				Amoxicillin	-	-	
				Lidocaine	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
22	29	M	Urticaria	Propofol	-	-	No allergy
				Lidocaine	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
23	34	F	Rash	Propofol	-	-	No allergy
				Rocuronium	-	-	
				Fentanyl	-	-	
				Midazolam	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
					-	-	
24	80	F	Rash	Propofol	-	-	No allergy
				Rocuronium	-	-	
				Fentanyl	-	-	
				Remifentanil	-	-	
				Midazolam	-	-	
				Dexketoprofen	-	-	
				Metamizole	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
					-	-	
25	40	F	Rash	Propofol	-	-	No allergy
				Rocuronium	-	-	
				Fentanyl	-	-	
				Midazolam	-	-	
				Dexketoprofen	-	-	
				Metamizole	-	-	
				Latex	-	-	
				Chlorhexidine	-	-	
					-	-	

26	71	F	Anaphylactic shock	Propofol	-	-	Allergy to cefazolin
				Rocuronium	-	-	
				Fentanyl	-	-	
				Remifentanyl	-	-	
				Cefazolin	+	ND	
				Latex	-	-	
				Chlorhexidine	-	-	
27	69	M	Anaphylactic shock	Propofol	-	-	Allergy to amoxicillin
				Rocuronium	-	-	
				Fentanyl	-	-	
				Amoxicillin	+	ND	
				Latex	-	-	
				Chlorhexidine	-	-	
28	75	M	Anaphylactic shock	Propofol	-	-	Allergy to amoxicillin
				Rocuronium	-	-	
				Fentanyl	-	-	
				Amoxicillin	+	ND	
				Latex	-	-	
				Chlorhexidine	-	-	
29	72	F	Anaphylactic shock	Propofol	-	-	Allergy to cefazolin
				Rocuronium	-	-	
				Fentanyl	-	-	
				Remifentanyl	-	-	
				Cefazolin	+	ND	
				Latex	-	-	
				Chlorhexidine	-	-	

F: female; M: male; yr: years; -: negative; +: positive; ND: not done; IDT: intradermal test, SPT: skin prick test, DCT: drug challenge test; Clav-ac: clavulanic acid; Pipe-taz.: piperacillin-tazobactam; sIgE: specific IgE.