

Supplementary Table S1

Results of patch test for metal allergy		
Metal allergens	Concentration	Reaction
aluminium chloride	2%	–
gold(III) chloride	0.2%	–
tin(III) chloride	1%	–
iron(III) chloride	2%	–
hexachloro platinum (IV)	0.5%	–
palladium chloride	1%	–
indium trichloride	1%	–
iridium tetrachloride	1%	–
zinc chloride	2%	–
manganese(II) chloride	2%	–
silver bromide	2%	–
potassium dichromate	0.5%	–
cobalt(III) chloride	2%	–
copper(II) sulfate	1%	–
mercury(II) chloride	0.05%	–
nickel(II) sulfate	5%	–
chromium(III) sulfate	2%	–

A patch test was performed with the metal reagent (Torii Pharmaceutical Co., LTD., Tokyo, Japan) using Finn Chamber (Epitest Ltd. Oy, Tuusula Finland) and Scanpor Tape (NORGESPLASTER A/S, OSLO, Norway). A chamber was patched on the patient's back for 48 hours. Results were observed after 48 hours, 72 hours, and 1 week based on the criteria of the International Society for Contact Dermatitis. Fulfilling the International Contact Dermatitis Research Group criteria or higher at 72 hours was regarded as positive.