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A 45-year-old male with a complaint of severe chest pain underwent coronary angiography via the left radial artery. An Amplatz left type catheter located at the ostium of RCA accidentally injured the vessel wall and spiral dissection occurred. Emergent coronary intervention was carried out. The true lumen was passed with IVUS-guided wiring, and a bare-metal stent was deployed at the orifice of the RCA. However, the stent was immediately slipped out and mounted on the guiding catheter. Following a composed bail out of RCA dissection, the catheter was plugged using a large balloon with a diameter of 6 mm, and carefully moved into the axillary artery, where the stent was rigidly implanted. In the rare situation that a slipped-out stent was mounted on the guiding catheter, capture of the stent was difficult with usual methods. We herein report our experience of "plugged catheter method", which would be one of the promising options without risk of dropping a stent into the aorta.

