We herein report a patient who presented with sinusitis caused by a displaced gutta-percha point, as a complication of a tooth root treatment.

A 45-year-old woman visited our hospital with a complaint of intractable left maxillary sinusitis lasting for half a year. The patient had many treated teeth and reported that she had received root canal therapy for her left upper teeth eight years prior. Dental panoramic tomography suggested a foreign body in the left maxillary sinus, which seemed to be a displaced dental material (Fig. 1). Computed tomography also revealed mucosal thickening of the sinus around a radiopaque material (Fig. 2). Endoscopic sinus surgery was performed, which revealed that foreign material was buried in a bacterial ball surrounded by polypoid mucosa of the left sinus.
maxillary sinus (Fig. 3). This was extirpated and was discovered to be a gutta-percha point, one of the root canal fillers. This case demonstrated that dental material for tooth root treatment can become displaced, act as a foreign body in the nasal sinuses, and be the cause of sinusitis.