A patient (female, 56 years old) presented with a chief complaint of, “I want to replace my missing molars in the left maxilla”. She reported an insufficient height of bone to place implants. Various treatment options were discussed with the patient and she elected to have a sinus lift with lateral approach and immediate implant placement. On the day of surgery, a crestal incision was made on the midline of the gingiva attached to the edentulous ridge. The flap was elevated carefully and extended labially to expose the lateral wall of the maxillary sinus. Extreme care was taken to radically elevate the sinus membrane from the trap-door window opened by using a piezosurgery device with appropriate water cooling.
Two JDEvolution® implants were positioned from the crestal bone and extended into the space with a primary stabilization provided by the retained alveolar bone. The implants were left to a submerged healing. Bone substitute was placed into the sinus space as filler. The maxillary bone, previously removed to make possible the access to the sinus, was placed to close the window as a membrane.
Eight months after surgery, the final metal ceramic restoration was delivered.

Clinical view and periapical x-ray after 1 year.