**Supple Fig. 1** Decrease of volumes and CT values of submandibular and parotid glands in IgG4-related sialadenitis patients.

The margins of parotid and submandibular glands are marked on axial CT scan and then reconstructed using volume rendering. The volumes and CT values of parotid glands (A, B) and submandibular glands (C, D) are higher than normal before treatment, and decrease obviously at 3 months (E, F, G, H). With the help of volume rendering, the alternations are quantifiable.