A 23-year-old man had undergone right pneumonectomy 12 years previously for bronchiectasis in another clinic. Chest X-ray and three-dimensional computed tomography showed lung overgrowth (Figs. 1 and 2).

Because a possible pneumothorax should be catastrophic for him, he should be closely monitored regarding any invasive diagnostic procedure.

Fig. 1. Chest X-ray showed right-sided heart and clear lung fields on both hemithorax. Air tracheobronchogram and metallic clip at right bronchial stump are also seen.
Fig. 2. (A) Thorax computed tomography revealed over-expansion of the remaining lung after right pneumonectomy. Mediastinal structures along with left upper lobe and lingula moved into the right hemithorax. No chest wall deformity was observed. (B) Three-dimensional reconstruction of same computed tomogram (upper posterior view) shows lung expansion.