**Supplementary Figure legend:**

**Figure 1.** Representative thoracoscopic view of pleural covering with ORC mesh (patient 1).

A: A part of lung surface area where bulla was resected during VATS is covered with ORC mesh to reinforce the visceral pleura. B: Intraoperative finding of the lung during the operation for recurrent pneumothorax one year later. A black arrow indicates a regenerated bulla. The area covered with ORC one year ago looked white as compared with non-covered lung surface, indicating the thickening of visceral pleura (\*).