Subsegmental pulmonary vein $V^6a$ from independent aberrant segmental vein $V^2$ posterior to the bronchus intermedius

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An 80-year old woman presented with an abnormal shadow at superior segmental 6 (S6). Chest X-ray and computed tomography (Fig. 1A and B) were performed. She underwent a video-assisted S$^6$ segmentectomy. An anomalous pulmonary vein, the aberrant $V^2$ behind the bronchus intermedius, was identified and branched off into the subsegmental pulmonary vein $V^6a$ (Fig. 2). $V^6b$ and $V^6c$ were from the inferior pulmonary vein.

Figure 1: (A) Chest CT and (B) 3D-CT show the anomalous pulmonary vein, aberrant $V^2$ (arrows).

Figure 2: An intraoperative image of the subsegmental pulmonary vein $V^6a$ (arrow head) branched from the aberrant $V^2$ (arrow).