Two cases of internal iliac artery thrombosis following internal iliac balloon inflation in placenta accreta

Mimi Tin-Yan Seto¹, Ka Wang Cheung¹, Ferdinand Chu², Pui Wah Hui¹

¹Department of Obstetrics & Gynaecology, ²Department of Diagnostic Radiology, The University of Hong Kong, Queen Mary Hospital

Placenta accreta can be associated with massive obstetric haemorrhage. Preoperative multidisciplinary planning is important. The role of prophylactic catheter placement for balloon occlusion remains controversial.

Prophylactic internal iliac artery balloon catheterization could be an effective method to decrease intraoperative blood loss¹ with an arterial thrombosis rate of 11%².

Monitoring of distal pulses may help alert to this complication³.

We present two cases of such complication among our 9 cases with balloon occlusion (22%) over the past 4 years. One of them presented as pale and cool periphery only.

References: