

Kissing balloon and stenting of ostial right and left common iliac artery lesions

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Dear Editor,

A 77-year-old white male presented with symptoms of claudication had ankle brachial indices (ABI) in the range of 0.5 bilaterally at rest. A lower extremity angiogram by accessing right groin was done which revealed ostial 90-95% lesion in the right common iliac artery and 80-90% lesion in the left common iliac artery (Figure 1). The left femoral artery was punctured, and a sheath was advanced. Both lesions were wired with a stiff guidewire. A 5mm x 4 cm balloon was advanced and simultaneous kissing balloon inflation was done in both ostia of the common iliac arteries. Post inflation there was about 50% residual. A 7 x 27 mm balloon expandable stent advanced to the right common iliac artery lesion and a 7 x 23 mm balloon expandable stent was advanced to the left common iliac artery lesion. Simultaneous deployment of the stents was done at 6 atmospheres. A 9 x 2 cm balloon used to post-dilate the left common iliac stent with a good result (Figure 2). Patient had total relief of symptoms. As seen in this patient, ABI's below 0.5 correlate with severe anatomical lesions (1).

Key words: Peripheral artery disease, kissing balloon, stenting

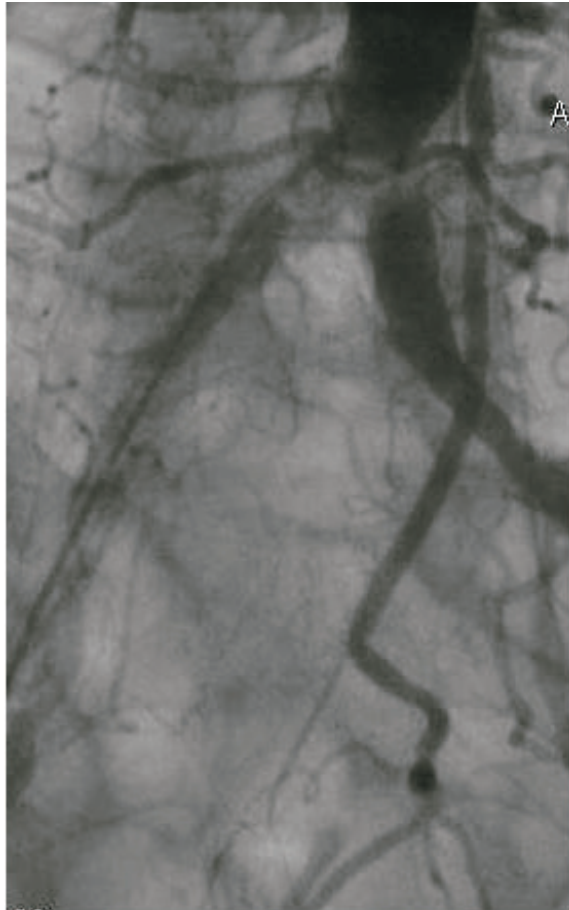


Figure 1

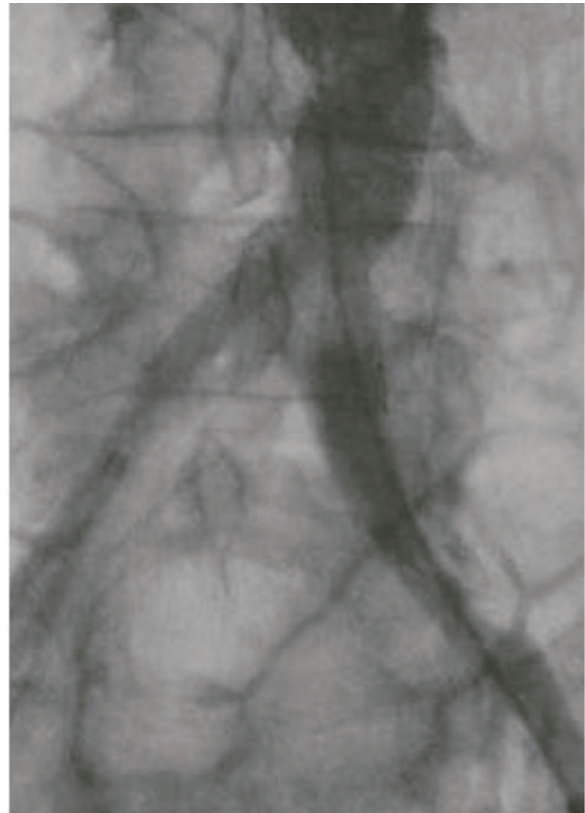


Figure 2

References

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Müracaat tarihi: 21.12.2009
Kabul tarihi: 05.03.2010