section: Current State of the Science: A Scientific Statement From the American Heart Association. Circulation 2018; 137: e523-57.

- Tweet MS, Eleid MF, Best PJ, Lennon RJ, Lerman A, Rihal CS, et al. Spontaneous coronary artery dissection: revascularization versus conservative therapy. Circ Cardiovasc Interv 2014; 7: 777-86.
- Alkhouli M, Cole M, Ling FS. Coronary artery fenestration prior to stenting in spontaneous coronary artery dissection. Catheter Cardiovasc Interv 2016; 88: E23-7.

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# Author`s Reply

#### To the Editor,

We are thankful for the valuable comments on our case report (1). We agree that an adequate stent length exceeding the lesion length is important, as highlighted in the recent European Society of Cardiology (ESC) spontaneous coronary artery dissection (SCAD) position paper (2). In this case, we implanted the longest drug-eluting stent available (48 mm). However, that did not prevent proximal and distal hematoma propagation, and 2 additional stents were required (1). The point on cutting balloon angioplasty is well-taken, as this treatment modality has also been mentioned in the ESC SCAD position paper to reduce hematoma/dissection propagation during angioplasty/stent deployment and to reduce the length of the stented segments (2). Nevertheless, we did not embrace cutting balloon angioplasty for the SCAD indication as the overall published experience is limited to case reports (3). In a recently published Canadian SCAD cohort study including 750 patients, the cutting balloon technique was used only in 5 of the 103 patients who underwent percutaneous coronary intervention (PCI) (4). A major concern related to this technique is the fragility of the dissected arteries, which are at risk of rupture (5). The bottom line is that SCAD is a condition that rarely requires PCI. In cases that do, which by definition should be at high risk because of major ongoing ischemia refractory to medical treatment and/or hemodynamic/electrical instability, we should continue to follow the basic principles: 1) Focus on major vascular territories (proximal/mid-segments), 2) Ensure accurate intraluminal positioning of the wire, and 3) Stent implantation from healthy to healthy individual to reduce the probability of hematoma/dissection propagation.

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## References

- 1. Çimci M, Sologashvili T, Yilmaz N, Frangos C, Riolfi M. Young woman with cardiac arrest due to spontaneous coronary artery dissection. Anatol J Cardiol 2020; 23: 53-5. [CrossRef]
- Adlam D, Alfonso F, Maas A, Vrints C; Writing Committee. European Society of Cardiology, acute cardiovascular care association, SCAD study group: a position paper on spontaneous coronary artery dissection. Eur Heart J 2018; 39: 3353-68. [CrossRef]
- Main A, Lombardi WL, Saw J. Cutting balloon angioplasty for treatment of spontaneous coronary artery dissection: case report, literature review, and recommended technical approaches. Cardiovasc Diagn Ther 2019; 9: 50-4. [CrossRef]
- Saw J, Starovoytov A, Humphries K, Sheth T, So D, Minhas K, et al. Canadian spontaneous coronary artery dissection cohort study: in-hospital and 30-day outcomes. Eur Heart J 2019; 40: 1188-97.
- Main A, Saw J. Percutaneous Coronary Intervention for the Treatment of Spontaneous Coronary Artery Dissection. Interv Cardiol Clin 2019; 8: 199-208. [CrossRef]

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