treatment with bosentan in combination with HAART appears to be a suitable option in the management of patients with symptomatic HIV-associated PAH, especially those with a baseline mPAP > 50 mm Hg and a 6 min walk test < 200 m, because in this subset of patients the combination treatment appears to be more efficitive than HAART alone.

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Competing interests: None declared.

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Accepted 22 December 2005

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IMAGES IN CARDIOLOGY

doi: 10.1136/hrt.2005.075267

Triple-barrelled aortic dissection in Ehlers-Danlos syndrome

n 18-year-old female student with a history of asthma and Ehlers-Danlos syndrome presented with chest pain and shortness of breath. She was hospitalised, treated with antibiotics for presumed pneumonia, and discharged home. She continued to be very dyspnoeic, with minimal exercise tolerance. On repeat examination, a diastolic murmur was noted. Transoesophageal echocardiography revealed a dilated aortic root with proximal dissection and severe aortic regurgitation. Multidetector-row computed tomography (MDCT) confirmed the proximal dissection and also revealed a distinct dissection of the descending aorta. A Bentall procedure was performed to replace the aortic root and ascending aorta. On repeat postoperative MDCT, a threechannelled dissection of the descending aorta was observed (panels A and B; to view video clip visit the Heart websitehttp://www.heartjnl.com/supplemental). An intimal flap arises from the medial posterior wall of the distal aorta arch. The resulting false lumen communicates with the true lumen via a re-entry tear. At the level of the aortic hiatus, a second focal dissection arises from the lateral anterior wall of the descending aorta, forming what has been referred to as the

Mercedes-Benz mark sign (panel C). Nearly two years postoperatively, the patient has been asymptomatic and the complex dissection remains radiographically stable.

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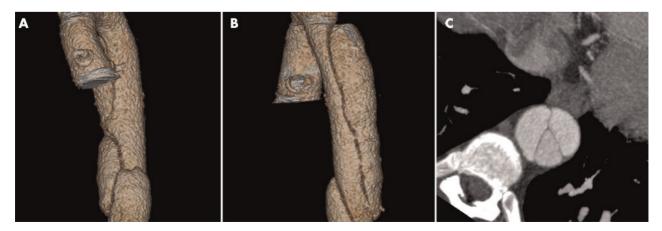
Statement of competing interests: There were no competing interests.

Sponsor details: There was no sponsorship.

Ethics statement: No approval was necessary to be secured from an ethics committee or review board, as the computed tomography images were obtained during a routine clinical study, and ordered as clinically indicated by the patient's treating physician.



To view video clip visit the *Heart* website-http:// www.heartjnl.com/supplemental



Volume rendered image of the thoracic aorta. (A) Anterior view. (B) Posterior view. (C) Maximal intensity projection image of the thoracic aorta, demonstrating three luminal compartments (Mercedes-Benz mark sign).