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Corrected article: SURGICAL TECHNIQUES FOR REPAIR OF PERIPHERAL PULMONARY ARTERY STENOSIS *

Running Head: Peripheral PA reconstruction

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* Due to numerous errors made during the editing process, the editors and publisher decided to publish a corrected version of this article. This version replaces the former version which is published in Seminars in Thoracic and Cardiovascular Surgery, Volume 28, Issue 2, Summer 2016, on pages 418–424.

ABSTRACT

Peripheral pulmonary artery stenosis is a rare form of congenital heart disease frequently associated with Williams and Alagille syndromes. Patients with this disease typically have systemic level right ventricular pressures secondary to obstruction at the lobar, segmental, and subsegmental branches.

The current management of patients with peripheral pulmonary artery stenosis remains somewhat controversial.

We have pioneered an entirely surgical approach to the reconstruction of peripheral pulmonary artery stenosis. This approach initially entailed surgical patch augmentation of all major lobar branches and effectively reduced right ventricular pressures by more than half. This was the first report demonstrating an effective approach to the disease.

Over the past five years, we have gradually evolved the technique to extend the reconstruction's reach to include segmental and subsegmental branch stenoses. An

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