THE LOAD OF PULMONARY HYPERTENSION

Nabil Saouti
The arabic text on the cover is derived from the original manuscript of Ibn Al-Nafis (Damascus 1213-1288) dealing with the anatomy and physiology of the pulmonary circulation and right ventricle. A part from the text translated:

“The blood from the right chamber of the heart must arrive at the left chamber but there is no direct pathway between them. The thick septum of the heart is not perforated and does not have visible pores as some people thought or invisible pores as Galen thought. The blood from the right chamber must flow through the vena arteriosa [pulmonary artery] to the lungs, spread through its substances, be mingled there with air, pass through the arteria venosa [pulmonary vein] to reach the left chamber……” ¹

Ibn Al-Nafis’s observations preceded the observations of Michael Servetus (1511-1553) and William Harvey (1578-1657).

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ACADEMISCH PROEFSCHRIFT

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Voor mijn ouders