Notes on Sharaeen (Vessels) Treaties from the Ketab Tashrih Badan Ensan (Book of Human Anatomy)

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Abstract:

In this work, Human Anatomy (Tashrih-e-Mansuri) by Mansur ibn Mohammad Ibn Ahmad Shirazi is introduced and its 21 points are compared to the modern anatomy. Mansuri expounds on functional differentiation between arteries and veins based on their grossly visible constituent fiber (li:f) structure. The author describes the anatomic difference in pulmonary artery as the artery with only one layer which makes it appropriate for the exchange of gentle breeze (oxygenation) and elimination of smoke (CO_2). While describing the accurate anatomic course of the vessel, mistake is incurred as to its origin probably instigated by the leftward course, similar to the aorta. The author gives a relatively accurate description of the coronary arteries as well as the proximal branches of the aorta namely the subclavian and carotid arteries are well described and it site of entrance to the brain is well described in distinction to the vertebral arteries traversing processes of the cervical vertebrae. The major branches of the descending aorta including the origin of renal arteries as well as the more distal iliac and femoral bifurcations are also described.

Keywords: Anatomy; Artery; History of Medicine; Mansuri Shirazi
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