
The Clinical Anatomy of the Vascular System

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Editors

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 Springer

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Preface

Understanding the intricate anatomy of the blood vessels (Fig. 1) is fundamental to the practice of clinical medicine and surgery. This book, “Clinical Anatomy of the Blood Vessels,” offers a detailed exploration of the vascular system, aiming to bridge the gap between anatomical knowledge and clinical application. It is a comprehensive resource for clinicians, surgeons, and students in the medical/dental and health-related sciences who seek to deepen their understanding of vascular architecture and its clinical significance.

The vascular system is the lifeline of the human body and develops from an intricate array of branching vessels within the embryo (Fig. 2). Any disruption in this network can lead to severe, often life-threatening conditions. For clinicians, precise knowledge of blood vessels is crucial for accurate

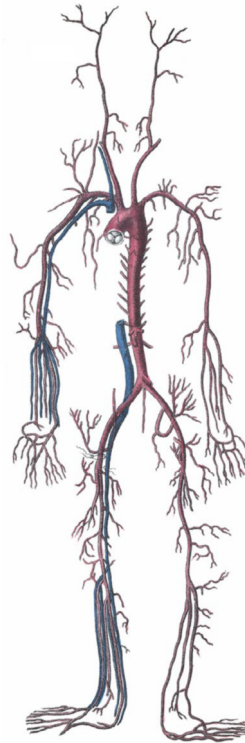


Fig. 1 Schematic drawing of the main blood vessels of the human body

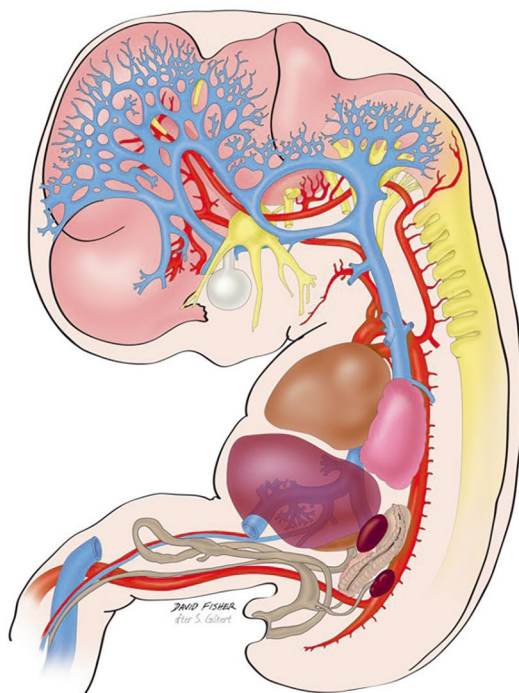


Fig. 2 Schematic drawing of the developing vascular system in the human embryo

diagnosis and effective intervention. It enhances the ability to interpret imaging studies, guides surgical planning, and improves patient outcomes. By understanding the common and rare anatomical variations, clinicians can anticipate potential complications and tailor their approaches to individual patient needs.

We hope this book will serve as a valuable resource, inspiring confidence and proficiency in the anatomical and clinical understanding of the body's blood vessels.

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