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## The Basic Principles of External Fixation using the Ilizarov Device

This highly accessible overview of the basics of the biomechanics of external fixation includes a new classification of external fixation devices, a glossary of the terminology used, and a description of the relevant equipment (some of which is original). A new and advanced method for describing and presenting external fixation protocols based on the "method for the unified designation of external fixation" allows accurate notation, an understanding of the whole algorithm of the operation, and avoidance of inaccuracies and mistakes that could lead to failure of the method. An original atlas for insertion of transosseous wires and half-pins is presented, with handy coordinates allowing easy identification of "forbidden positions", "safe positions" and "reference positions". Descriptions of the application of these methods to the rational choice between K-wires and half-pins and the designation of the classic meridians and biologically active points, and of the treatment of injured bone and the placing of drains, etc. are also presented. The author includes a detailed step-by-step description of the traditional methods of Ilizarov and the original technique of hybrid external fixation (based on 26 Russian patents), and the wide range of pathologies that can be addressed by external fixation. The text is supported by numerous quality illustrations. This book will be helpful not only for graduate students and practitioners but also for researchers.

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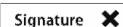
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