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This book describes and evaluates techniques and devices used in shoulder arthroplasty with a view to enabling readers to improve their surgical practice. After an opening section on basic knowledge, including surgical anatomy, key issues in total shoulder arthroplasty and reverse total shoulder arthroplasty (RTSA) are considered in detail. Among the topics covered are biomechanics, cemented versus cementless humeral fixation, the comparative merits of humeral components featuring short stem and stemless designs and of pegged and keeled glenoid components, the influence of humeral inclination in RTSA, and the avoidance and management of unstable RTSA. An entire section is then devoted to the description and illustration of valuable surgical tips and tricks. Arthroplasty for acute proximal humerus fractures is considered separately, again addressing important aspects of technique and current controversies. The book is an outcome of a workshop held by the international Shoulder Club, formed at Hacettepe University in Ankara in 2015 with the aim of bringing together leading authorities in the field and young orthopedic surgeons and students from across the world in order to disseminate expertise and exchange ideas.

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