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Appendix

Anderson Orthopaedic Research Institute classification of bone defects: (a) type 1 (intact metaphyseal bone with minor defects not compromising the stability of a revision component), (b) type IIA (damaged metaphyseal bone with defects in one femoral condyle or tibial plateau), (c) type IIB (more than one damaged metaphyseal bone), and (d) type III (deficient metaphyseal bone with bone loss compromising a major portion of the condyle or plateau). The latter defects are occasionally associated with collateral or patellar ligament detachment and usually require bone grafting or custom implants. (Reproduced with permission from Siddiqi A, Chen AF, Piuze NS, Kelly MA. The use of metaphyseal cones and sleeves in revision total knee arthroplasty. *J Am Acad Orthop Surg*. 2021;29(18):e904-e920.)