



Supplementary Material

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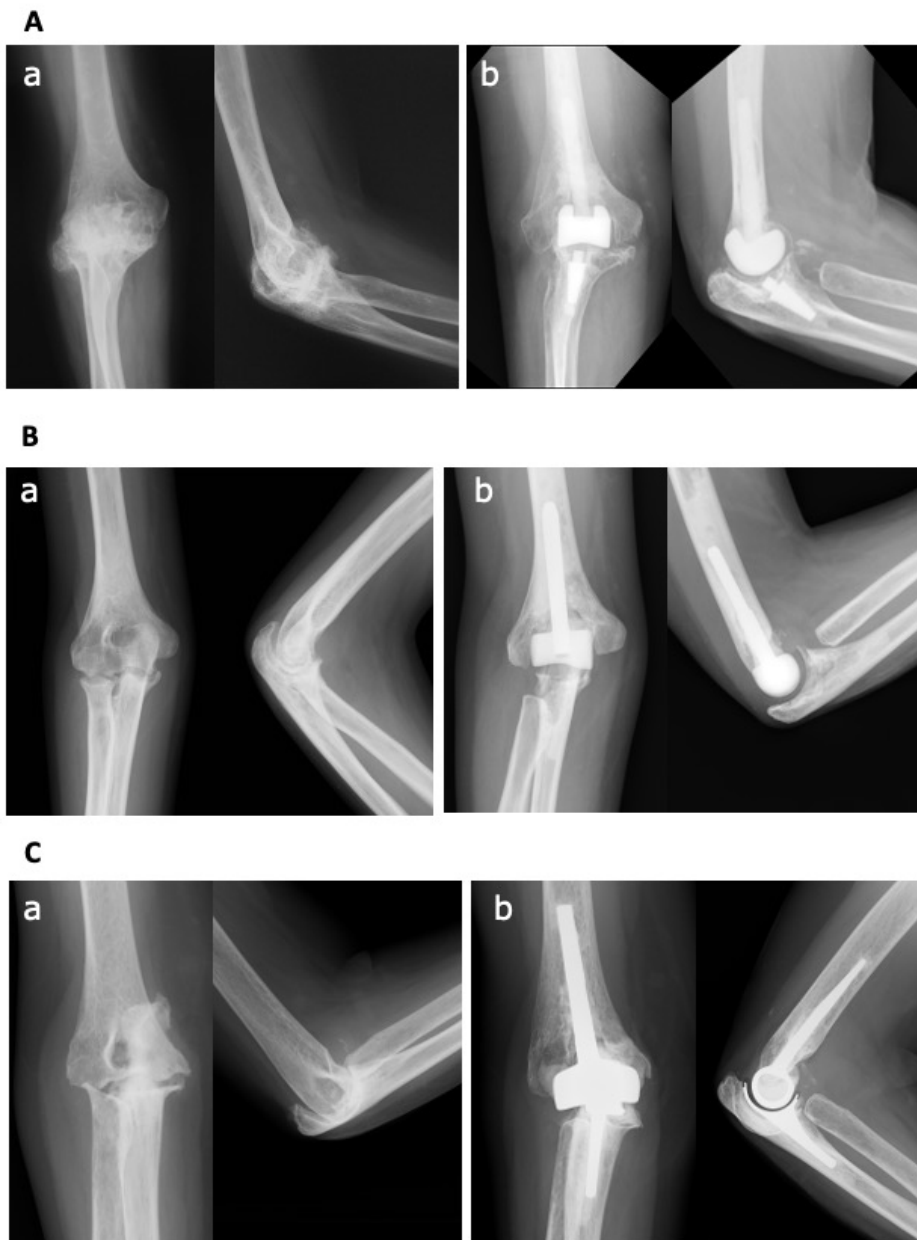


Fig a. Representative pre- and postoperative anteroposterior and lateral radiographs of the elbows after total elbow arthroplasty using three implants. A: a) Preoperative radiographs of right elbow of a 47-year-old woman replaced by Stemmed Kyocera type-I and b) postoperative radiographs 27 years after surgery. Flexion/extension ($^{\circ}$), pronation/supination ($^{\circ}$), and Mayo Elbow Performance

Score (MEPS; points) were 120/-45, 10/50, and 60 preoperatively, and 150/-5, 50/90, and 100 at postoperative 27 years, respectively. B: a) Preoperative radiographs of right elbow of a 38-year-old woman replaced by cemented JACE and b) postoperative radiographs 12 years after surgery. Flexion/extension (°), pronation/supination (°), and MEPS (points) were 145/-5, 60/5, and 60 preoperatively, and 145/-15, 90/90, and 100 at postoperative 11.5 years, respectively. C: a) Preoperative radiographs of right elbow of a 45-year-old woman replaced by Kudo type-5 and b) postoperative radiographs six years after surgery. Flexion/extension (°), pronation/supination (°), and MEPS (points) were 150/0, 45/90, and 65 preoperatively, and 150/-20, 50/90, and 100 at postoperative 6.4 years, respectively.