

**Table 4.** Survival, revision rates, and complications.

Authors	Age	Number of patients	Complications	Survival rates
Trieb et al <sup>9</sup>	<65	52 patients (67 knees)	N.R.	90% at 10 years 19.4% (13/67) TKA conversion at $9.1\pm3.3$ years Failure rate (23.1%)
	>65	21 patients (27 knees)	N.R.	70% at 10 years 33.3% (9/27) TKA conversion at $4.6\pm3.3$ years Failure rate (38.4%; $p=0.0381$ ), relative risk of 1.55 (95% CI: 1.01-2.38; $p=0.0461$ )
Goshima et al <sup>2</sup>	<65	34	Delayed union 1 (2.9%) Infection 2 (5.9%) Breakage of screw head 3 (8.8%) CRPS 0	N.R.
	>65	26	Delayed union 2 (7.7%) Infection 1 (3.9%) Breakage of screw head 2 (7.7%) CRPS 1 (3.9%)	N.R.
Kuwashima et al <sup>12</sup>	$\leq 64$	67	N.R.	$99.3\pm0.4\%$ at 5 years, $95.1\pm1.5\%$ at 10 years, and $85.5\pm3.3\%$ at 15 years
	$\geq 65$	67	N.R.	$98.6\pm0.8\%$ at 5 years, $93.3\pm2.1\%$ at 10 years, and $83.3\pm4.5\%$ at 15 years
Lee et al <sup>8</sup>	< 60	41,112	Lower incidence of cerebrovascular accident (HR: 0.68), myocardial infarction (HR: 0.65), and delirium (HR: 0.31) compared to the 60-65 years group	4.2% overall, 2.7% at 5 years, 4.1% at 10 years
	60-65	13,895	N.R.	6.4% overall, 4.8% at 5 years, 6.3% at 10 years
	>65	6,138	Higher incidence of pulmonary thromboembolism (HR: 1.97), cerebrovascular accident (HR: 1.55), myocardial infarction (HR: 1.52), acute respiratory	7.3% overall, 5.7% at 5 years, 7.32% at 10 years

			failure (HR: 2.24), and delirium (HR: 2.57). Surgical site infections significantly high (HR: 1.61) ( $p=0.001$ )	
Park et al <sup>13</sup>	<55	62	N.R.	0 cases TKA conversion
	>65	62	N.R.	7 (11.3%) cases TKA conversion Survival rate 95.2% at 4 years ( $p=0.007$ )

Complex Regional Pain Syndrome (CRPS), Hazard Ratio (HR), Total Knee Arthroplasty (TKA), Not Reported (N.R.).