

# Supplementary Material: Does the Duration of Primary and First Revision Surgery Influence the Probability of First and Subsequent Implant Failures after Extremity Sarcoma Resection and Megaprosthetic Reconstruction?

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**Table S1.** Subtypes of structural failures for first and second prosthetic failures.

| Structural Failure Type      | % (n)         |
|------------------------------|---------------|
| First structural failures    | 37 % (84/230) |
| Failure of bushings/coupling | 68% (57/84)   |
| Implant breakage             | 14% (12/84)   |
| Failure of supporting bone   | 18% (15/84)   |
| Second structural failures   | 34%% (38/112) |
| Failure of bushings/coupling | 92% (35/38)   |
| Implant breakage             | 2% (1/38)     |
| Failure of supporting bone   | 6% (2/38)     |