Table 1: Tumor location, surgical reconstruction and local control modality.

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| --- | --- | --- | --- | --- |
|  | *Type of Local Control* | |  | |
|  | *Surgery Only (N=303)* | *Surgery + RT (N=100)* | *Total (N=403)* | *P-value* |
| **Site of Tumor**, n (%) |  |  |  | <.00011 |
| LE - Lower Extremity | 123 (92%) | 10 (8%) | 133 (33%) |  |
| UE - Upper Extremity | 54 (90%) | 6 (10%) | 60 (15%) |  |
| ANS - Axial Non-spine | 46 (63%) | 27 (37%) | 73 (18%) |  |
| P - Pelvis | 31 (74%) | 11 (26%) | 42 (10%) |  |
| EO - Extraosseous | 43 (54%) | 36 (46%) | 79 (20%) |  |
| S - Spine | 6 (38%) | 10 (63%) | 16 (4%) |  |
|  |  |  |  |  |
| **Surgery + Reconstruction Technique**, n (%) |  |  |  | <.00011 |
| 1: En Bloc Resection, no reconstruction | 76 (73%) | 28 (27%) | 104 (26%) |  |
| 2: Amputation | 19 (100%) | 0 (0%) | 19 (5%) |  |
| 3: Rotationplasty | 3 (100%) | 0 (0%) | 3 (1%) |  |
| 4: Endoprosthesis | 50 (93%) | 4 (7%) | 54 (13%) |  |
| 5: Osteoarticular Allograft | 8 (100%) | 0 (0%) | 8 (2%) |  |
| 6: Intercallary Allograft | 29 (97%) | 1 (3%) | 30 (7%) |  |
| 7: Allograft + vascularized fibula | 5 (83%) | 1 (17%) | 6 (1%) |  |
| 8: Allograft Prosthetic Composite | 9 (100%) | 0 (0%) | 9 (2%) |  |
| 9: Autograft | 14 (88%) | 2 (13%) | 16 (4%) |  |
| 10: Arthrodesis | 3 (100%) | 0 (0%) | 3 (1%) |  |
| 11: Chest Wall Reconstruction | 42 (66%) | 22 (34%) | 64 (16%) |  |
| 12: Other | 20 (63%) | 12 (38%) | 32 (8%) |  |
| 13: Soft tissue Resection | 25 (45%) | 30 (55%) | 55 (14%) |  |
| 1Chi-Square p-value; | | | | |