**Suppl 3:** Average savings per patient (the benefit of a FLS system) for hospital versus health insurance for reduction in secondary fractures, adjusted for cohort of 83 patients (same as intervention group) - in USD

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Fracture Type | Difference in re-fracture rate – 2 year difference\* | Adjusted for FLS effective-ness | Average cost for treatment  Hospital | Average cost for treatment health insurance | Adjusted cost savings per patient - hospital | Adjusted cost savings per patient - health insurance |
| Hip | 1.5% | 1.11% | 4132 | 14,670 | 45.9 | 163 |
| Vertebral\*\* | 1.9% | 1.41% | -1272 (profit) | 4085 | - 17.9 (profit) | 57.6 |
| Non-vertebral\*\*\* | 3.1% | 2.23% | -605 (profit) | 3114 | -13 (profit) | 69 |
| Total per year x 2 |  |  |  |  | 15 x 2 = 30 | 289.6 x 2 = 579 |

\* Horizon study (Lyles)2

\*\*Vertebral – the DRG for surgical treatment is high enough for the hospital to profit

\*\*\* See additional material in the Appendix