**Table 2.** Annual cost savings variations following a 30% decrease in drug costs, a 30% increase in pharmacist's salary and both simultaneously.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Using baseline drug costs & pharmacist’s salary** | | **30% decrease in drug costs** | | **30% increase in pharmacist’s salary** | | **30% decrease in drug costs & 30% increase in pharmacist's salary** | |
|  | **Total** | **Per intervention** | **Total** | **Per intervention** | **Total** | **Per intervention** | **Total** | **Per intervention** |
| **Annual drug cost before interventions** | **$1,734,681.00** | **$96 371.17** | **$1,214,276.70** | **$67,459.82** | **$1,734,681.00** | **$96,371.17** | **$1,214,276.70** | **$67,459.82** |
| **Annual drug cost after interventions** | **$1,379,612.00** | **$76,645.11** | **$965,728.40** | **$53,651.58** | **$1,379,612.00** | **$76,645.11** | **$965,728.40** | **$53,651.58** |
| **Annual cost savings** | **$355,069.00** | **$19,726.06** | **$248,548.30** | **$13,808.24** | **$355,069.00** | **$19,726.06** | **$248,548.30** | **$13,808.24** |
| **Pharmacist’s salary** | **$130,000.00** | **$7,222.22** | **$130,000.00** | **$7,222.22** | **$169,000.00** | **$9,388.89** | **$169,000.00** | **$9,388.89** |
| **Annual net cost savings** | **$225,069.00** | **$12,503.83** | **$118,548.30** | **$6,586.02** | **$186,069.00** | **$10,337.17** | **$79,548.30** | **$4,419.35** |
| **Number of interventions needed to pay back the pharmacist's salary\*** | **6.59** | | **9.41** | | **8.57** | | **12.24** | |
| **Return on investment\*\*** | **2.73** | | **1.91** | | **2.10** | | **1.47** | |

*Prices are expressed in $CAD.*

*\* Corresponds to the break-even point, the minimum number of interventions at which the project becomes profitable. That is to say the moment from which the sum of savings covers the salary of the pharmacist.*

*\*\*The return on investment (ROI) is the ratio between the amount of money saved and the amount initially invested.*