**Appendix**

***Appendix I.*** *the equation for calculating the time spent on each activity and the K-value.*

There were 2 parts of calculation method including;

**Part 1:** the distribution of average time spent on each activity by each healthcare professional to the frequency of activities provided by each healthcare professional. The equation as shown below.

$Time spent on each activity \left(minutes\right)=Average time spent on each activity by each HCP \left(minute\right)×The time allocation fraction $

**Part 2:**K value calculation. The equation for the calculation of incentive money of each health care professional shown below.

$$K value \left(Baht per unit\right)=$$

$$Work points per minute \left(points\right)×$$

$$Time spent on each activity \left(minute\right)×$$

$$Extra work fraction ×$$

$$Cost per work point (Baht)$$

***Appendix Table I.*** *Work points of each healthcare professional [19].*

|  |  |  |  |
| --- | --- | --- | --- |
| Healthcare professional | Overtime per day; baht(7 hours) | Work points per hours(7 hr./day) | Work points per minutes |
| Physician/ dentist  | 1,100 | 15.71 | 0.26 |
| Pharmacist | 720 | 10.28 | 0.17 |
| Nurse/ public health technical officer | 600 | 8.57 | 0.14 |
| Social worker/ nursing assistant/ psychologist | 480 | 6.85 | 0.12 |
| Other | 300 | 4.28 | 0.07 |

***Appendix Table II.*** *The time allocation fraction.*

|  |  |
| --- | --- |
| **Activities** | **Time allocation fraction** |
| **Physician** | **Nurse** | **Nursing assistant** | **Public health technical officer** | **Thai traditional medicine** | **Psychologist** | **Pharmacist** | **Dentist** |
| 1. Identify, document tobacco uses status and diagnosis
 | 0.107 | 0.198 | 0.162 | 0.128 | 0.212 | 0.136 | 0.000 | 0.200 |
| 1. Persuade tobacco users that they need to quit
 | 0.102 | 0.168 | 0.180 | 0.136 | 0.186 | 0.115 | 0.147 | 0.500 |
| 1. Determine readiness to make a quit attempt
 | 0.111 | 0.093 | 0.099 | 0.056 | 0.068 | 0.099 | 0.183 | 0.300 |
| 1. Assessing nicotine dependence status
 | 0.077 | 0.070 | 0.054 | 0.056 | 0.045 | 0.092 | 0.000 | 0.000 |
| 1. Assessing social smoking status
 | 0.055 | 0.054 | 0.054 | 0.051 | 0.045 | 0.084 | 0.000 | 0.000 |
| 1. Assessing mental smoking status
 | 0.079 | 0.055 | 0.054 | 0.051 | 0.045 | 0.139 | 0.000 | 0.000 |
| 1. Help the patient with a quit plan
 | 0.186 | 0.156 | 0.126 | 0.175 | 0.052 | 0.121 | 0.055 | 0.000 |
| 1. Provide practical counselling and recommend the use of approved medication if needed
 | 0.135 | 0.075 | 0.108 | 0.102 | 0.170 | 0.059 | 0.261 | 0.000 |
| 1. Schedule follow up contact
 | 0.067 | 0.084 | 0.126 | 0.185 | 0.125 | 0.056 | 0.119 | 0.000 |
| 1. Adverse event monitoring
 | 0.080 | 0.047 | 0.036 | 0.059 | 0.051 | 0.100 | 0.234 | 0.000 |
| **Total**  | **1.000** | **1.000** | **1.000** | **1.000** | **1.000** | **1.000** | **1.000** | **1.000** |

***Appendix Table III.*** *The incentive money for each healthcare professional.*

|  |  |
| --- | --- |
| **Activities** | **K-value (Baht)** |
| **Physician** | **Nurse** | **Nursing assistant** | **Public health technical officer** | **Thai traditional medicine** | **Psychologist** | **Pharmacist** | **Dentist** |
| A1 | 2.33 | 5.63 | 2.07 | 4.06 | 3.41 | 1.90 | 0.00 | 2.29 |
| A2 | 2.22 | 4.77 | 2.30 | 4.31 | 2.99 | 1.61 | 1.60 | 5.72 |
| A3 | 2.42 | 2.64 | 1.26 | 1.78 | 1.09 | 1.38 | 1.99 | 3.43 |
| A4 | 1.68 | 1.99 | 0.69 | 1.78 | 0.72 | 1.29 | 0.00 | 0.00 |
| A5 | 1.20 | 1.53 | 0.69 | 1.62 | 0.72 | 1.18 | 0.00 | 0.00 |
| A6 | 1.72 | 1.56 | 0.69 | 1.62 | 0.72 | 1.94 | 0.00 | 0.00 |
| A7 | 4.05 | 4.43 | 1.61 | 5.55 | 0.84 | 1.69 | 0.60 | 0.00 |
| A8 | 2.94 | 2.13 | 1.38 | 3.23 | 2.73 | 0.83 | 2.83 | 0.00 |
| A9 | 1.46 | 2.39 | 1.61 | 5.87 | 2.01 | 0.78 | 1.29 | 0.00 |
| A10 | 1.74 | 1.34 | 0.46 | 1.87 | 0.82 | 1.40 | 2.54 | 0.00 |
| **Total** | **21.74** | **28.41** | **12.74** | **31.67** | **16.05** | **14.00** | **10.84** | **11.45** |
| **Grand total K-value per case**  | **146.91** |