**Supplemental Table 1.** Survey questions for knowledge, attitudes and practices of pregnant women regarding influenza vaccination based on Health Belief Model

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| --- | --- | --- | --- |
| **Variable** | **Original Code** | **Recoded Scale** | **Collapsed Scale** |
| **Perceived susceptibility to influenza**   * How concerned are you about getting influenza during this pregnancy? * How concerned are you about your unborn baby will get influenza during this pregnancy? | 1=Very much concerned  2=Moderately concerned  3=A little concerned  4=Not concerned  5=Don’t know/ not sure | 3=Very much concerned  3=Moderate concerned  1= A little concerned  1= Not concerned  2= Don’t know/ not sure | 3=Moderate and very much concerned (likely)  2= Uncertain  1= Not and a little concerned (unlikely) |
| **Perceived severity to influenza**   * If a pregnant woman gets influenza, she is more likely to have severe illness compare to the general public * If a pregnant woman gets influenza, the illness could harm her unborn baby | 1=Agree  2=Disagree  3=Don’t know/Not sure | 3=Agree  2=Don’t know/Not sure  1= Disagree |  |
| **Perceived barriers to vaccination**   * The influenza vaccine can cause a person to get sick with influenza * The influenza vaccine is not safe during pregnancy * The influenza vaccine is not an effective way to prevent a pregnant woman from getting sick with influenza | 1=Agree  2=Disagree  3=Don’t know/Not sure | 3=Agree  2=Don’t know/Not sure  1=Disagree |  |
| **Perceived benefits of vaccination**   * Giving influenza vaccine to a pregnant woman will benefit her unborn and newborn baby * If a pregnant woman receives influenza vaccine, it could protect her baby from getting influenza during first few months of the baby’s life * Getting influenza vaccine during pregnancy is a benefit for women pregnancy | 1=Agree  2=Disagree  3=Don’t know/Not sure | 3=Agree  2=Don’t know/Not sure  1=Disagree |  |
| **Cue to action**   * If the MOPH recommended influenza vaccine for pregnant women, would you agree to receive this vaccine? * If relative recommended influenza vaccine during this pregnancy, would you agree to receive this vaccine? * If husband recommended influenza vaccine during this pregnancy, would you agree to receive this vaccine? * If nurse recommended influenza vaccine during this pregnancy, would you agree to receive this vaccine? * If physician recommended influenza vaccine during this pregnancy, would you agree to receive this vaccine? | 1=I would agree  2=I would not agree, need more information  3=No, I would never get it  4=Not sure | 3= I would agree  1= I would not agree, need more information  1= No, I would never get it  2= Not sure | 3=Agree  2=Don’t know/Not sure  1= Disagree |

**Supplemental Table 2.** Descriptive characteristics of pregnant women by familiar with influenza vaccine, Thailand, 2013

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| --- | --- | --- | --- | --- |
| Factors | Familiar with influenza vaccine  N (%)  (n=627) | Not familiar with influenza vaccine  N (%)  (n=404) | Prevalence Ratio | 95 % confidence interval |
| Age (years) |  |  |  |  |
| 15-24 | 249 (40) | 247 (61) | 1.0 | - |
| 25-34 | 297 (47) | 124 (31) | 1.4 | 1.3-1.6 |
| 35-45 | 81 (13) | 33 (8) | 1.4 | 1.2-1.6 |
| Gestational age (weeks)  First trimester (1-13 weeks)  Second trimester (14-27 weeks)  Third trimester (>27 weeks) | 106 (18)  206 (34)  315 (48) | 70 (17)  145 (36)  188 (47) | 1.0  1.0  1.0 | -  0.8-1.1  0.9-1.2 |
| Married | 609 (97) | 383 (95) | 1.3 | 0.9-1.9 |
| Highest level of education  None or primary  Secondary school  Diploma or higher | 80 (13)  394 (63)  153 (24) | 79 (19)  294 (73)  31 (8) | 1.0  1.1  1.7 | -  1.0-1.3  1.4-2.0 |
| Household income <10,000 Baht per month | 213 (34) | 181 (45) | 0.8 | 0.7-0.9 |
| Work outside of home | 314 (50) | 231 (57) | 0.9 | 0.8-1.0 |
| Health insurance (universal coverage scheme) | 613 (98) | 378 (94) | 1.8 | 1.2-2.7 |
| Received influenza vaccine during previous pregnancy | 63 (10) | 16 (4) | 1.3 | 1.2-1.5 |
| Received influenza vaccine during current pregnancy | 25 (4) | 3 (0.7) | 1.3 | 1.2-1.5 |