Appendix.

Table 1. One-Way Sensitivity Analysis of Selected Parameters From a Societal Perspective

Parameter	Value		% Change in Parameter	Expected Net Benefit per Mother	% Change in Expected Net Benefit per Mother	Elasticity*
Influenza vaccine efficacy (%)	Upper	86%	18%	$18.8	50%	2.78
	Base case	73%	Baseline	$12.6	Baseline	Baseline
	Lower	50%	-32%	$1.7	-86%	2.74
Attack rate in birth mothers (%)	Upper	10%	52%	$23.7	89%	1.72
	Base case	6.6%	Baseline	$12.6	Baseline	Baseline
	Lower	2%	-70%	-$2.5	-120%	1.72
Vaccine acquisition and administration cost per dose	Upper	$27.41	36%	$5.4	-57%	-1.60
	Base case	$20.45	Baseline	$12.6	Baseline	Baseline
	Lower	$14.10	-30%	$18.7	49%	-1.60
Incidence of influenza-associated hospitalization among birth mothers (cases per 100,000)	Upper	40	44%	$15.0	19%	0.44
	Base case	28	Baseline	$12.6	Baseline	Baseline
	Lower	14	-49%	$9.9	-21%	0.43
Influenza-associated mortality rate among birth mothers (cases per 100,000)	Upper	0.30	36%	$17.3	38%	1.04
	Base case	0.22	Baseline	$12.6	Baseline	Baseline
	Lower	0.16	-27%	$9.0	-28%	1.04
Nonmedical costs of influenza associated outpatient visit among birth mothers (days)	Upper	2.5	92%	$16.9	34%	0.37
	Base case	1.3	Baseline	$12.6	Baseline	Baseline
	Lower	0.6	-54%	$10.1	-20%	0.37
Nonmedical costs of cases not medically attended among birth mothers(days)	Upper	1.0	100%	$16.5	31%	0.31
	Base case	0.5	Baseline	$12.6	Baseline	Baseline
	Lower	0.03	-94%	$8.9	-29%	0.31
Indirect societal cost per death (birth mothers)	Upper	$10 million	25%	$15.8	26%	1.03
	Base case	$8 million	Baseline	$12.6	Baseline	Baseline
	Lower	$6	-25%	$9.3	-26%	1.03

Ding Y, Zangwill KM, Hay JW, Allred NJ, Yeh SH. Cost-benefit analysis of in-hospital influenza vaccination of postpartum women. Obstet Gynecol 2012;119.

The authors provided this information as a supplement to their article.

		million				
Nonmedical costs of cases not medically attended disease among infants (days)	Upper	2.0	100%	$17.0	36%	0.36
	Base case	1	Baseline	$12.6	Baseline	Baseline
	Lower	0.5	-50%	$10.3	-18%	0.35
Attack rate in infants	Upper	30%	48%	$13.5	7%	0.15
	Base case	20.3%	Baseline	$12.6	Baseline	Baseline
	Lower	12.4%	-39%	$11.4	-9%	0.24
Attack rate in infants with maternal influenza	Upper	69%	16%	$13.8	10%	0.60
	Base case	59.3%	Baseline	$12.6	Baseline	Baseline
	Lower	50%	-16%	$11.5	-9%	0.54

* Percentage of change in outcome (expected net benefit per mother) divided by percentage of change in parameter input.

Ding Y, Zangwill KM, Hay JW, Allred NJ, Yeh SH. Cost-benefit analysis of in-hospital influenza vaccination of postpartum women. Obstet Gynecol 2012;119.

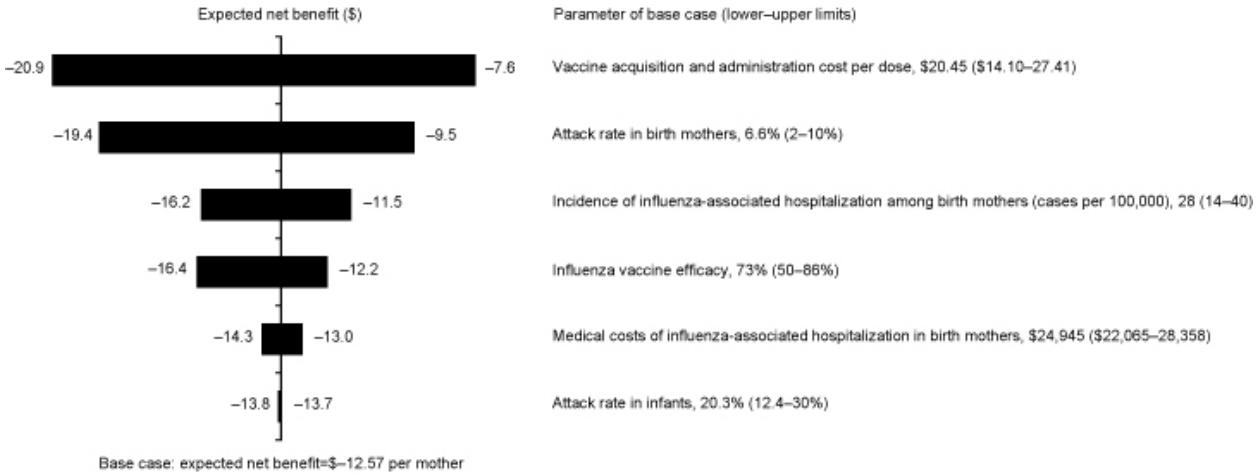

Figure 1. Tornado diagram of one-way sensitivity analyses on the effect of range of individual parameters on the expected net benefit per mother from a third-party payer perspective.

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