

## Supplementary Online Content

Shaker M, Wallace D, Golden DBK, Oppenheimer J, Greenhawt M. Simulation of health and economic benefits of extended observation of resolved anaphylaxis. *JAMA Netw Open*. 2019;2(10):e1913951. doi:10.1001/jamanetworkopen.2019.13951

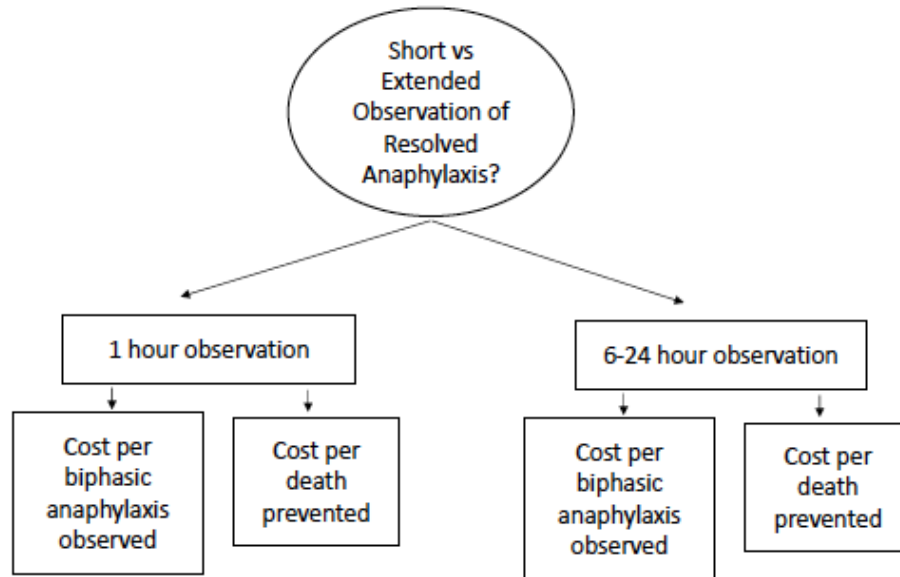
**eFigure 1.** Decision Model

**eFigure 2.** Sensitivity Analysis (Cost per Death Prevented)

**eTable.** Time-Dependent Activity-Based Costing Estimates

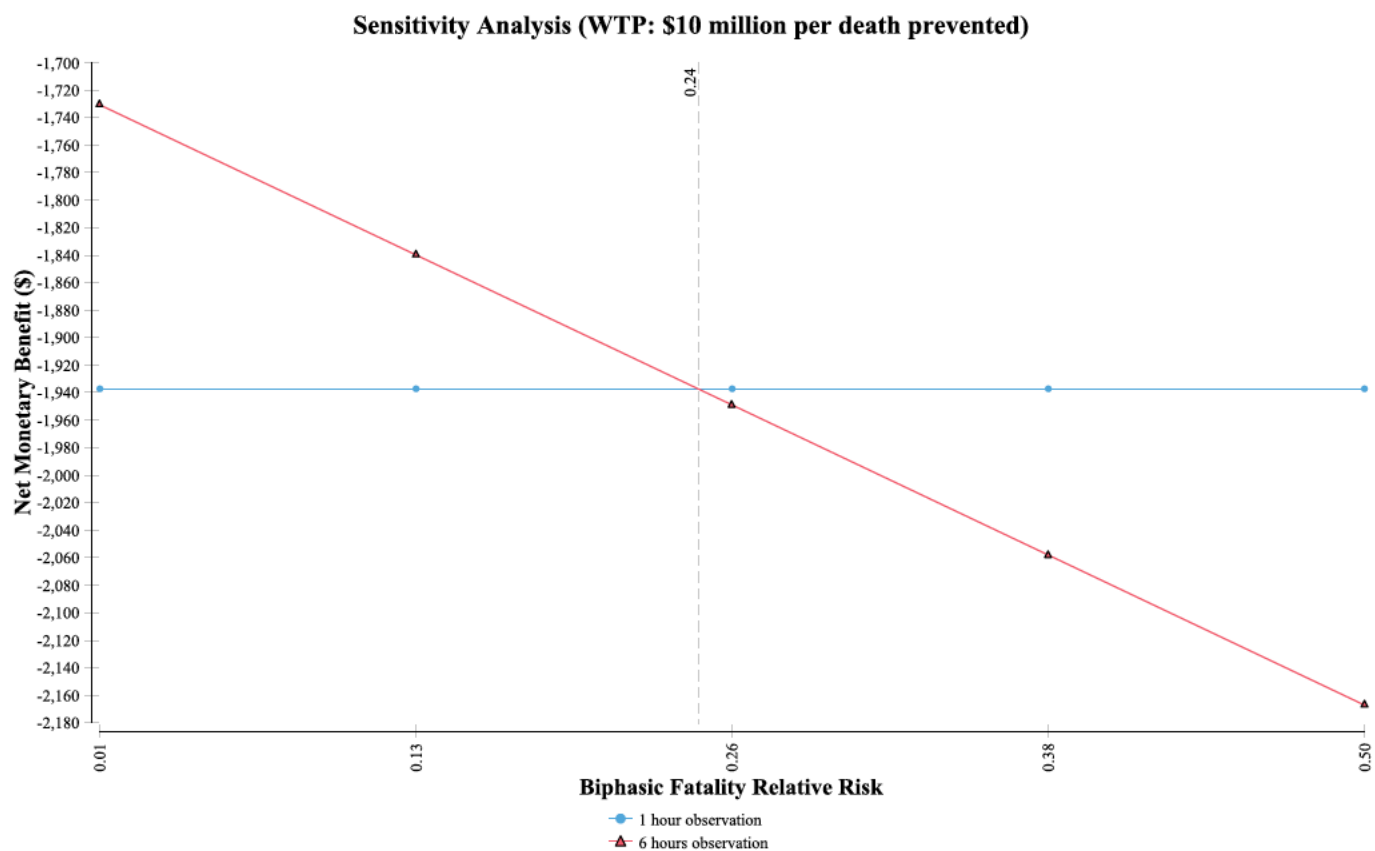
This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure 1. Decision Model



Legend: Decision Model of 1-hour vs 6 to 24-hour post-anaphylaxis resolution observation time.

eFigure 2. Sensitivity Analysis (Cost per Death Prevented)



Legend: Deterministic sensitivity analysis of fatality relative risk for biphasic anaphylaxis (following complete resolution). If the relative risk for biphasic anaphylaxis is 24% or less (HCP perspective), then extended observation for 6 hours would cost less than \$10 million dollars per death prevented ( $\leq 9\%$  from the societal perspective)

eTable. Time-Dependent Activity-Based Costing Estimates

Resource	Cost per minute (2019 dollars)	Cost per hour (2019 dollars)
Exam Room	\$0.03	\$1.92
Allergist/Immunologist	\$3.62	\$217.20
Registered Nurse	\$0.78	\$46.80
Medical assistant	\$0.35	\$21.00
Total		\$286.92