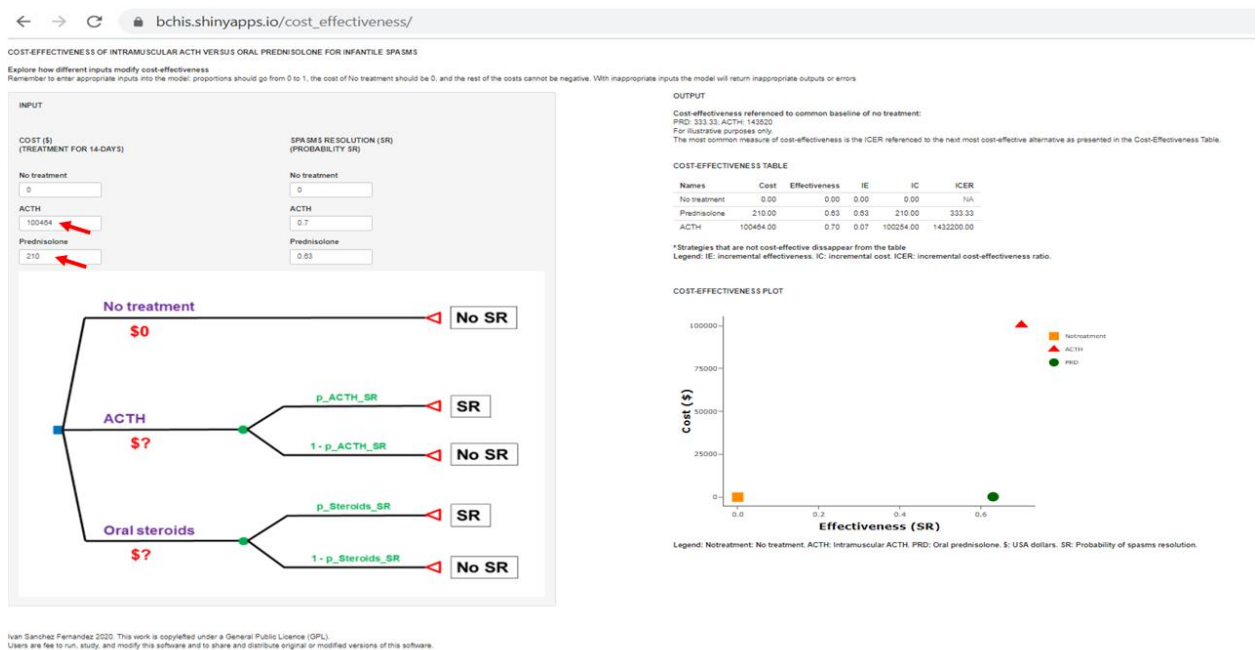


MODIFYING COST \$1. COST OF ACTH AND PREDNISOLONE

Different estimations of cost. The cost of ACTH and oral Prednisolone may be different in other healthcare systems and may change over time. If a reader is interested in comparing the cost-effectiveness of ACTH and oral Prednisolone in their local healthcare system, the reader can modify the cost values at https://bchis.shinyapps.io/cost_effectiveness/

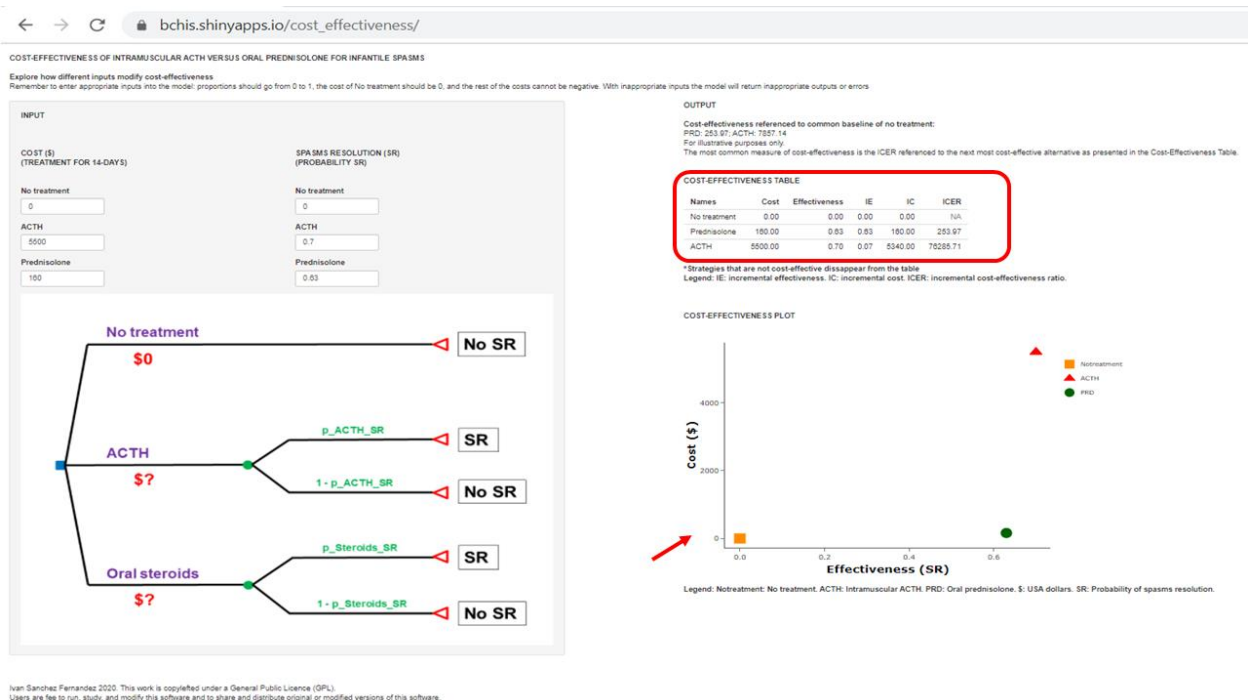


Let's assume that in a particular healthcare system, the cost of ACTH is \$5,500 for a 14-day treatment course and the cost of oral prednisolone is \$160 for a 14-day treatment course. Let's modify the default values for the cost of ACTH and Prednisolone accordingly.

Cost-Effectiveness Infantile Spasms



The app will recalculate the cost-effectiveness values and redraw the graph in real time.



The same process can be done for the strategies cost-effectiveness at

https://bchis.shinyapps.io/cost_effectiveness_strategies/

Many countries and states provide resources to calculate the price of medications online. For example:

“Zorginstituut Nederland” for The Netherlands (<https://www.medicijnkosten.nl/>)

“Base de données publique des médicaments” for France (<http://base-donnees-publique.medicaments.gouv.fr/>)

“Pharmaceutical Benefits Scheme” for Australia (<https://www.pbs.gov.au/>)

“Ontario Ministry of Health and Long-Term Care” for Ontario, Canada (<https://www.formulary.health.gov.on.ca/formulary/>)

“Infomed. Base de dados de medicamentos de uso humano” for Portugal (<https://extranet.infarmed.pt/INFOMED-fo/>)

We found that, in many countries, the price of ACTH is 5-10 times higher than the price of oral Prednisolone, although the prices are generally not as high as in the USA. We could not find any healthcare system where the price of oral Prednisolone is higher than the price of ACTH.