Chart, radar chart

Description automatically generated

**PREVIOUSLY DISCUSSED:**

Branches D, G, M, & P (we are assuming those with true Severe dehydration who are classified by either model as Some or No dehydration would die)

DALY = YLL (years of life lost) + YLD (years lost to disability)

Branches D, G, M, & P comprise our YLL part of the DALY calculation

**DISABILITY WEIGHTS FROM FRONSECA ET AL. META-ANALYSIS FOR YLD PART OF DALY CALCULATION**

***YLD = incidence x length of illness x disability weight***

* Fonseca meta-analysis: only significant adverse event was seizures:
  + As discussed in previous meeting, Sharifi et al. paper was the most significant contributor to results
  + In Sharifi et al. the only notable major adverse event was seizures; patient with seizures recovered with treatment and did not experience sequelae of the seizures
    - ***Treatment was diazepam —*** ***do we want to include that as a cost?***
  + **Incidence of seizures in IVF group = 0.25**
    - Not being used for calculation but just for reference, incidence of seizures in ORS group was 0.06
  + **Length of illness = 0.003**
    - not specified by the paper; these were acute episodes without recurrence so I assumed length of illness was one day (one day out of 365 days in a year = 0.003)
  + **Disability weight (from Global Burden of Disease) = 0.263**

***YLD*** *= incidence x length of illness x disability weight*

*= (0.25)(0.003)(0.263)*

***= 0.00019725***

This applies to patients who received IVF but didn’t need it so branches B, C, K, and L.

**CHANGES TO THE ANALYSIS MAY HAVE CAUSED A CHANGE IN THE ICER**

* PPP for BDT to USD conversion
* Re-checked income lost values
* Probabilities changed since decision tree was changed