

The Logic Specification, Supporting Data and Test Cases, also known as the C-D-S-i Resources, work together to translate the federal Advisory Committee on Immunization Practices Recommendations to update C-D-S engines ensuring a patient receives the right immunization at the right time.

Supporting Data are structured representations of A-C-I-P recommendations. The data contain the series and dose information, per antigen, required to support evaluation and forecasting as defined in the Logic Specification.

In this quick guide, the Varicella Supporting Data will be used as an example to examine:

- the Spreadsheet organization
- the Series Tab, and
- A Series Dose Example

Each Supporting Data file is organized by a series of tabs:

- The Series Overview tab,
- The Change History tab,
- The Immunity tab,
- The Contraindications tab, and
- one or more Series tabs

Click to view each tab as well as a description of its contents.

Take a few minutes to explore the Varicella Series tab by clicking each highlighted area of the sheet to view a description.

Now let's focus on what we've learned using the following example.

Ashley realizes she missed son Max's 2-month well-check visit and is concerned because he hasn't received his first dose of Rotavirus. She brings him in at 15 weeks 2 days old.

By looking at the Rotavirus Supporting Data, we see that the minimum age for dose 1 is 6 weeks and the maximum age is 15 weeks.

What is the recommendation for Max?

Since Max is 15 weeks and 2 days old, he is beyond the maximum age of 15 weeks and, therefore, should not receive the vaccine.

Let's work through another example.

Susie brings in her 8-week-old son, Jimmy, for his well-check visit.

Should Jimmy receive his first dose of DTap?

Based on the Supporting Data, we can see he is:

- older than 6 weeks
- And since there is no Maximum Age, Jimmy meets all of the requirements for his first dose of DTap.

This concludes the Reading Supporting Data overview. See the C-D-S-i Practice Exercises for additional information on reading the Supporting Data.