

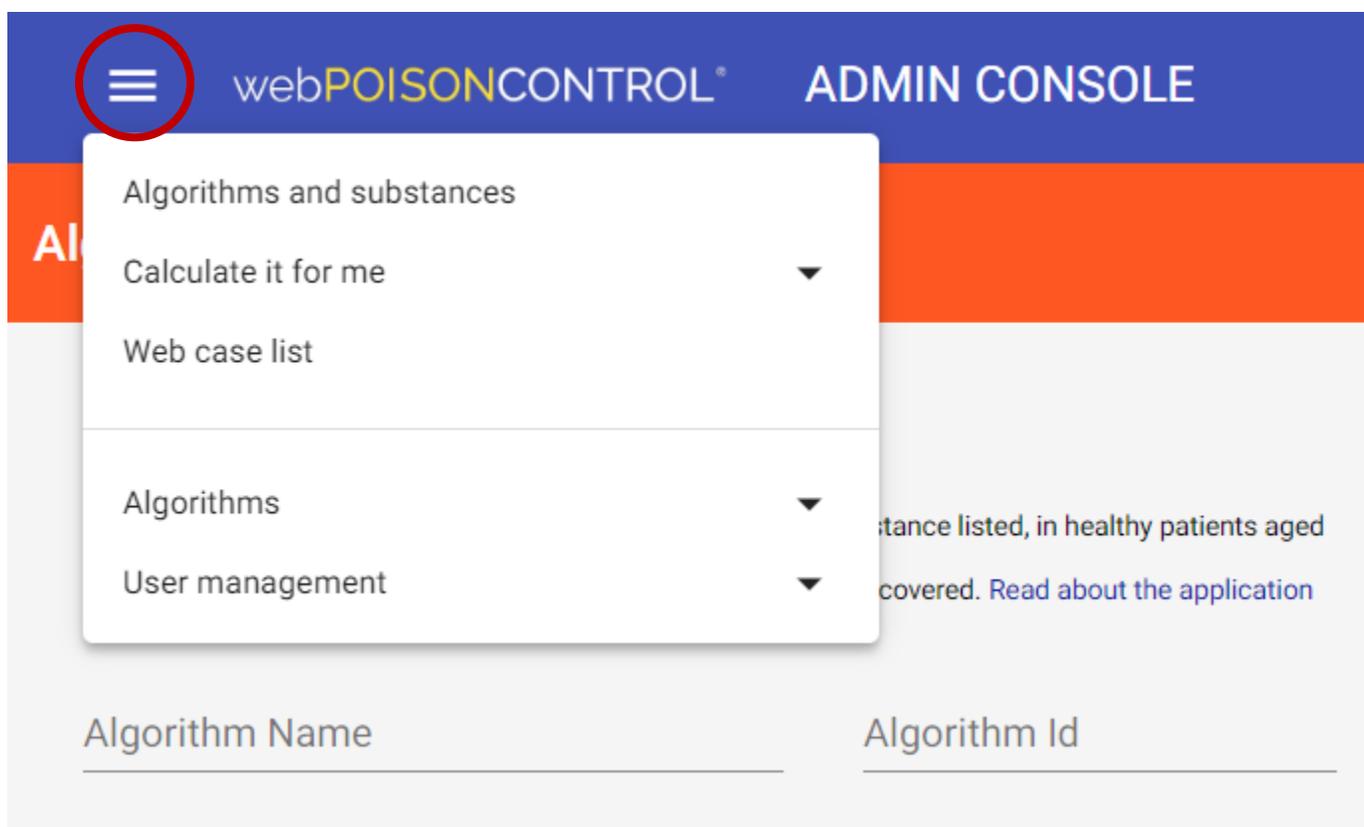
webPOISONCONTROL® SPI Users Guide

Logging In

Login at <https://admin.webpoisoncontrol.org>

- If you are already a user and forgot your password, use the “forgot password?” link on the login screen.
- If you are not already a user, but your center participates, ask your center’s director to set you up as a user or email pc@poison.org for help.
- If you are not already a user, and your center doesn’t participate, email pc@poison.org for a **trial login**. To continue to participate after a trial period, centers sign an agreement. webPOISONCONTROL is always free for anyone at any U.S. poison centers.

After logging in, from the “hamburger” navigation icon on the top left side of the page you can select from the following options:



The screenshot shows the Admin Console interface. At the top, there is a blue header with the webPOISONCONTROL logo and the text "ADMIN CONSOLE". A red circle highlights the "hamburger" navigation icon (three horizontal lines) on the left. A white dropdown menu is open, listing the following options: "Algorithms and substances", "Calculate it for me" (with a downward arrow), "Web case list", "Algorithms" (with a downward arrow), and "User management" (with a downward arrow). Below the menu, there is a table with two columns: "Algorithm Name" and "Algorithm Id".

webPOISONCONTROL ADMIN CONSOLE OSTERHALER-SPI

Algorithms and Substances

Algorithm Search

These algorithms apply only to single acute exposures to the substance listed, in healthy patients aged 6 months to 79 years. Double- or too-close dosing of pharmaceuticals, just once, is also covered. Read about the application of these algorithms before using them.

Algorithm Name Algorithm Id

Search Text

Classes

Substance Search

Substance Name Pill Imprint Barcode

Substance or Product Name

There are 2 ways to search from this page.

How to Search by Substance

1. **Substance Search** – on the right side of the page. Use this when you know the product but are not sure which algorithm(s) might be associated with that product. This is the preferred search for SPIs.
 - a. **Substance Name**
 - i. Enter the name of the substance in the Substance or Product Name field and click Find. All the products that match the name you typed will appear with the best matches at the top of the list.
 - b. **Pill Imprint**
 - i. Select the Pill Imprint option by clicking on it.
 - ii. Type in the pill imprint code in the Imprint field
 - c. **Barcode** (a.k.a. UPC)
 - i. If the caller will read you the product barcode, click Barcode and type it into the barcode field.
 - ii. Click on “Examples” to see how to enter barcodes in different formats.

How to Search by Algorithm

2. **Algorithm Search** – on the left side of the page. Use this when you know the name of the algorithm or its number, or if you want to search for an algorithm by algorithm text or class.
 - a. **Search by Algorithm Name.** Place cursor in the Algorithm Name field. A list of algorithms will appear.
 - i. You can sort the list by clicking on the headings: Id, S.R. (sustained release), or Algorithm Name (the default sort).
 - ii. You can search the list by typing the algorithm you are looking for in the Algorithm Name field.
 - iii. To view the algorithm, click on the blue hyperlinked algorithm name in the list below the filters.
 - b. **Search by Algorithm ID.** Place cursor in the Algorithm ID field. A list of algorithms will appear.
 - i. You can sort the list by clicking on the headings: ID, S.R., or Algorithm Name.
 - ii. You can search the list by typing the algorithm number you are looking for in the Algorithm Id field.
 - c. **Search for text in the algorithm.** If you can't remember the name of an algorithm, enter text you expect to see in an algorithm to find the algorithm you want.
 - d. **Search by class.** Filter by substance class by clicking the Pick Classes button and choosing the class(es) you wish to view.

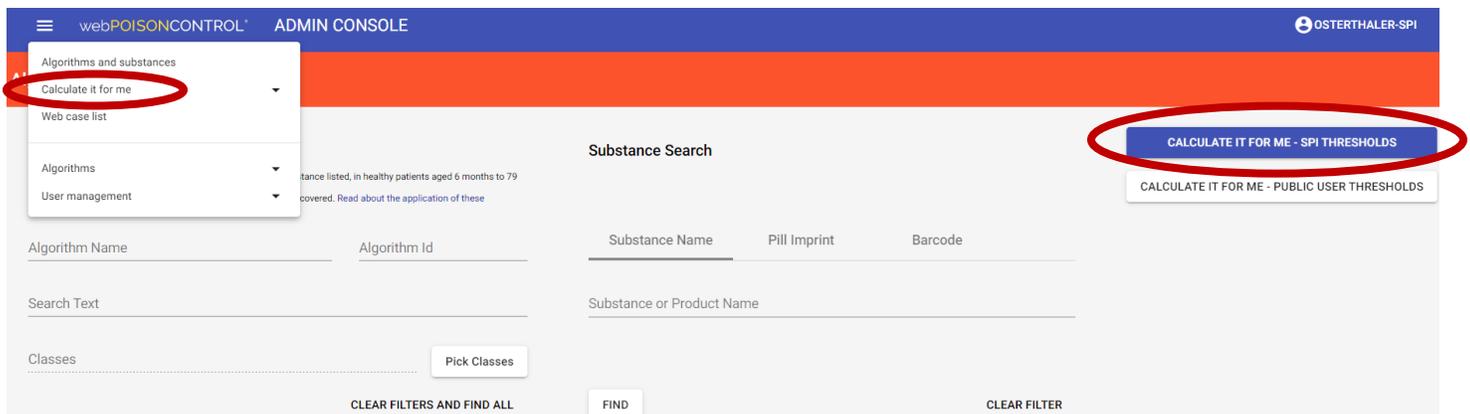
Tip: Click the button in the **Related Substances** column to see all substances that have an ingredient matched to a particular algorithm. The number in parentheses tells you how many substances you will find.

Id	S.R	Algorithm Name ↑	Related Substances	Routes
1061		cyanoacrylate glue	Substances (177)	M E S

From the resulting substance list, you can see all ingredients and matched algorithms, click on the name of the product to see it up close in more detail, click on the hyperlinked algorithm names in blue to see the associated algorithms, or click the Use in Calculate it For Me – SPI Thresholds button to be taken to Calculate it For Me (CIFM) to perform a calculation.

Calculate it For Me (CIFM)

1. Select **Calculate it For Me** from either the right side of the Algorithms and Substances page or from the upper left drop down menu. Select **SPI Thresholds** (instead of user thresholds).



2. An abbreviated triage tool will pop up. Fill out requested information for each field. Only questions relevant to the calculation will appear.

webPOISONCONTROL
Brought to you by Poison Control Centers

Calculate it For Me...

This tool is intended to make it easier for SPIs to determine the appropriate triage for acute ingestion cases. It assumes that the patient is either asymptomatic or has only minor, expected symptoms. Other assumptions are that the patient is not suicidal, there are no concurrent serious illnesses, only one product or substance was taken, and the patient is not pregnant. Use clinical judgement to assess the impact of these exclusions on patient triage.

What is the person's age and sex?

This information helps determine safe amounts. If you know the person is under 3 years, but don't know the age in months, enter the years in the 'Age (enter years)' box.

If under 3 years: months

Age: years

And the sex is:

3. CIFM only works for ingestions, and only provides useful information when there's a numerical threshold for at least one ingredient. Unlike the public version of the triage tool, it doesn't consider symptoms that are present.
4. Known amount ingested
 - a. If the amount ingested is known, enter it. CIFM will tell you if this known amount is a problem.
5. Unknown amount ingested OR you want to know the triage threshold for this substance
 - a. If the amount is unknown, or you want to know how much is OK to leave at home, select "I don't know" when the amount is asked. webPOISONCONTROL will make a calculation and ask if it is possible the patient got more than a specified amount.
 - b. Note: the "is it possible..." question may be asked twice for multi-ingredient products. **It is important to click through to the end of the program to obtain the correct recommendation.** The lowest amount is the threshold that can be observed at home for this patient. In the example below, it is 4.5 pills.

6. At the top of the "Our recommendation" page, you can click "Display Case and Calculations" to see how the program determined the recommendation. From this page, you can also click on the algorithms associated with the product to see more information about the thresholds and rationale.

Case detail report
 << Previous << Previous Finished [Case List]
 webPOISONCONTROL case#:5061937 [SPI]
 Initial Recommendation: PC
 Initial Outcome Assessment: Unknown, potentially toxic
 Current Outcome Assessment: Unknown, potentially toxic
 SPI Username: reid-admin
 Thresholds Used: SPI threshold

Case started: 05/31/2022 13:37:19

At the time the case was reported: Exposed to single product, human (not a pet) was exposed.

Patient	Sex: Male	Age: 6 months	Weight: 20 lb	Center:
Client info	Browser: Chrome	Version: 101.0	Platform: WinNT	

Substance:



Substance selection method: Substance name

Substance Name:
Tussin Cough and Cold (pseudoephed-DM) 30 mg-15 mg/5 mL oral liquid

Substance ID: [55639]

Substance Ingredients:
dextromethorphan HBr (15 mg/5 mL)
pseudoephedrine HCl (30 mg/5 mL)

User reported amount:
> 22 ²/₃ mL

Time of exposure:
unknown

Substance Class:
Non-Narcotic Antitussive-Decongestant Combinations

AAPCC generic code: [0310075] Decongestant with DXM

Route: Mouth

Triage Determinants:

#	Ingredient	Strength	Algorithm ID	Algorithm	Salt Factor	Risk Window	Amount 1	Threshold 1	Amount 2	Threshold 2
1	dextromethorphan HBr	15 mg / 5 mL	54	dextromethorphan HBr	1	4 Hours	> 7.5 mg/kg	> 7.5 mg/kg		
2	pseudoephedrine HCl	30 mg / 5 mL	254	pseudoephedrine	1	4 Hours	> 15 mg/kg	≥ 16 mg/kg	> 136 mg	> 240 mg

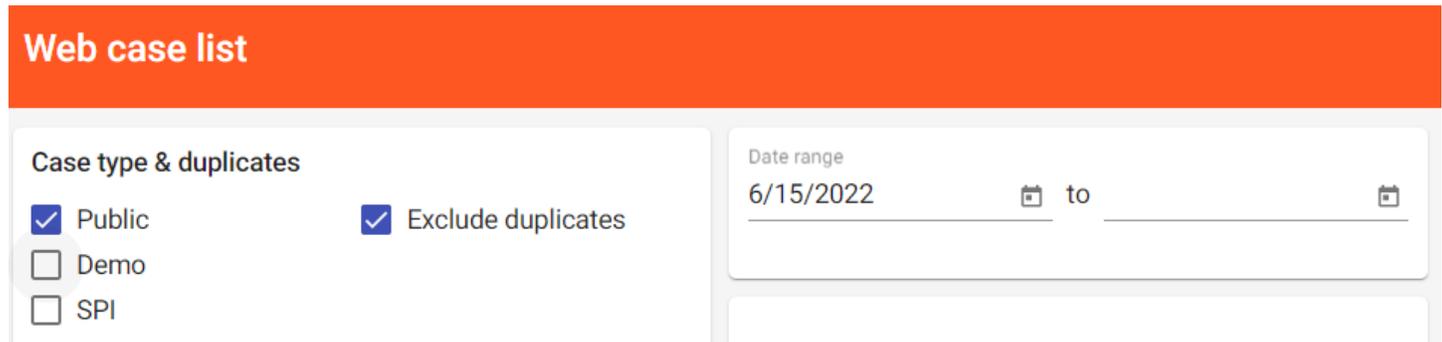
7. Here are a few things to note about this view:

- a. If a weight is not asked while entering the case, no weight will populate in the **Weight** field. The system may use a predetermined minimum and maximum weight for age.
- b. The **Risk Window** for each ingredient will populate from the algorithms. If the time of exposure is *after* the risk window for all of the ingredients, the system will assume toxicity is unlikely. SPIs should always consider symptoms in these cases.
- c. **Amount 1** is the calculated amount of each ingredient that the person ingested. This field is compared with **Threshold 1** (from the algorithm) in order for the system to make a triage determination.
- d. **Amount 2** populates when there is a “cap” on the amount tolerated (also in the algorithm). So, in this example, for pseudoephedrine, the system would consider a dose above 16 mg/kg (Threshold 1) OR 240 mg total (Threshold 2) to be toxic. But, if you look at the other ingredient in our example, it is the dextromethorphan that is driving the recommendation to call the Poison Center. The child ingested ≥ 7.5 mg/kg which is greater than the 7.5 mg/kg threshold for dextromethorphan (Threshold 1). So even the child could have tolerated a bit more pseudoephedrine, they ingested too much dextromethorphan and were referred to the ED for evaluation.
- e. If a substance is highly toxic, you may see a calculation performed on a “Tiny Amount”. Tiny Amounts are pre-determined. The app won’t ask for an amount because the toxic amount is so small that it is likely that the patient ingested a toxic amount.

How to View your Center's webPOISONCONTROL cases

Staff at participating poison centers can view their center's cases at any time.

1. Login to webPOISONCONTROL in Chrome <https://admin.webpoisoncontrol.org/>
2. Single click "Web Case List". Select:
 - a. Check case type = public
 - b. Check "exclude duplicates"
 - c. Enter appropriate date range



The screenshot shows the 'Web case list' interface. It features a red header bar with the text 'Web case list'. Below the header, there are two main sections. The left section is titled 'Case type & duplicates' and contains three checkboxes: 'Public' (checked), 'Demo' (unchecked), and 'SPI' (unchecked). The right section is titled 'Date range' and shows a date input field with '6/15/2022' entered, followed by a 'to' label and another date input field. Both date input fields have calendar icons to their right.

- d. Click FILTER button (scroll down a little)
- e. You can then view all the cases associated with your center in a list. Details are seen by clicking "View" to the right of each case.

Updated 7/2022