

BAC Tracker

How to Generate . . .

Anterograde Alcohol Extrapolation Reports

From the Dashboard, create a new case or open an existing case.

The screenshot displays the BAC Tracker dashboard interface. On the left is a sidebar menu with the following items: Home, New case (highlighted with a red box), Cases (highlighted with a blue box), Report preferences, Account, Account Info (with license and billing details), Support, Tutorials, Contact Us, and Log Out. The main content area is titled 'Application' and shows a breadcrumb 'Dashboard / All Cases'. Below this is a 'Shortcuts' section with three cards: 'Customize your report details' (with 'Set report preferences' link), 'Looking for a good start?' (with 'Search tutorials' link), and 'Any questions or need additional support?' (with 'Contact us' link). A 'New case' button is located in the top right of the shortcuts section. Below the shortcuts is an 'All Cases [0]' section with a search bar labeled 'Search cases'. The main area contains a large 'Empty list!' message and the text 'You have no cases at this moment', with a 'New case' button centered below.

Ensure all required information is entered for the Case. When finished, click “Save case” to select which type of Alcohol Extrapolation Report to generate.

New case

i To create a new case, please fill all the following required fields

Agency

05/29/2023 Organization Name Reference ID

Subject

Full name Male Female

Age (years) Height (in) Weight (lb)

Elimination Rate



i Elimination range [g/dl/hr]

Low range: High range:

0.01 0.025

Select “Anterograde Report”

Alcohol Extrapolation Reports

	<h3>Anterograde Report</h3>	<p>Use this report to calculate the BAC when an analytically determined BAC is unknown, but information pertaining to what the individual consumed, how much was consumed, and when the individual consumed each drink are known.</p>
	<h3>Retrograde Report</h3> <p>(Type I or Type II)</p>	<p>Use this report to calculate the BAC at a time prior to the known analytically determined BAC, but information pertaining to what the individual consumed, how much was consumed, and when the individual consumed each drink are unknown.</p>
	<h3>Quantification Report</h3>	<p>Use this report to calculate the quantity of alcohol consumed based on a known BAC and approximate timeframes of drinking.</p>

Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

“Isolated” uses the average absorption and elimination rates.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select “All Formulae” to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the “Time of Interest” (“Hr.” based on a 24hr format and “Min.” between 0 and 59), “Hours to Report” (hour-increments, e.g. “5” hrs or “10.25” hrs), and “Initial BAC” value (e.g. “0.02”).

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed (“Hr.” based on a 24hr format and “Min.” between 0 and 59), and the range of absorption rates.

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

“With absorption rate uncertainty” calculates a range of BAC values using both absorption rates entered for each drink and the average rate of elimination.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	
<input type="checkbox"/>					2.5	6.5	<input type="button" value=""/>

“With elimination rate uncertainty” calculates a range of BAC values using the average absorption rate entered for each drink and both rates of elimination.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty **With elimination rate uncertainty** With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

“With both absorption and elimination” calculates a range of BAC values using both absorption rates entered for each drink and both rates of elimination.

Anterograde Report

Formula
 Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
 Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
 Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
 Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	
<input type="checkbox"/>					2.5	6.5	<input type="button" value=""/>

Enter the “Time of Interest” (“Hr.” based on a 24hr format and “Min.” between 0 and 59), “Hours to Report” (hour-increments, e.g. “5” hrs or “10.25” hrs), and Initial BAC value (e.g. “0.02”).

Anterograde Report

Formula

Select which volume distribution formulae to include on the report. Select “All Formulae” to select all.

All Formulae
 Widmark
 Watson
 Forrest
 Seidl
 Ulrich
 Average

Variation

Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated
 With absorption rate uncertainty
 With elimination rate uncertainty
 With both absorption and elimination

Report Data

Enter the “Time of Interest” (“Hr.” based on a 24hr format and “Min.” between 0 and 59), “Hours to Report” (hour-increments, e.g. “5” hrs or “10.25” hrs), and “Initial BAC” value (e.g. “0.02”).

Time of Interest:
 Hours to Report:
 Initial BAC:

Ingestion/Absorption Entry

Enter each drink that was consumed, the time it was consumed (“Hr.” based on a 24hr format and “Min.” between 0 and 59), and the range of absorption rates.

✎ Auto Populate ▾

	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	
+	<input type="checkbox"/>				2.5	6.5	🗑
-	<input type="checkbox"/>						

View only
Save & Open

Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

Anterograde Report

Formula

Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae
 Widmark
 Watson
 Forrest
 Seidl
 Ulrich
 Average

Variation

Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated
 With absorption rate uncertainty
 With elimination rate uncertainty
 With both absorption and elimination

Report Data

Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest:
 Hours to Report:
 Initial BAC:

Ingestion/Absorption Entry

Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

✎ Auto Populate ▾

+	☐	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	☒
	☐					2.5	6.5	

View only
Save & Open

Click the icon(s) to add a new row or delete a selected row on the table.

Anterograde Report

Formula
 Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
 Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
 Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
 Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>					2.5	6.5	<input type="checkbox"/>

Click to use the Auto Populate feature for bulk drink entry. Once selected, a new data entry field will appear above the table to enter bulk consumption details.

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

Auto Populate

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

Enter the total volume of alcohol consumed, the % alc/vol, and the times of first and last drink consumption ("Hr." based on a 24hr format and "Min." between 0 and 59).

Ingestion/Absorption Entry

i Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min" between 0 and 59), and the range of absorption rates.

Auto Populate ▾ Replace ↔ Append + Cancel ×

Total Volume	% Alcohol by Volume	Time of First Drink		Time of Last Drink	
oz	%	Hours	Minutes	Hours	Minutes

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

Once bulk drink details are entered, click “Append” to add the new drink entries to the end of those already in the table or click “Replace” to clear the table and add the new drink entries to the table.

Ingestion/Absorption Entry

Enter each drink that was consumed, the time it was consumed (“Hr.” based on a 24hr format and “Min” between 0 and 59), and the range of absorption rates.

Auto Populate ▾

Replace ↔ Append + Cancel ×

Total Volume	% Alcohol by Volume	Time of First Drink		Time of Last Drink	
oz	%	Hours	Minutes	Hours	Minutes

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

View only Save & Open

Once all required fields are entered, click “Save & Open” (to save a copy of the report in the Case file) or “View Only” (to view the report in a new browser window without saving to the Case file).

Anterograde Report

Formula
Select which volume distribution formulae to include on the report. Select "All Formulae" to select all.

All Formulae Widmark Watson Forrest Seidl Ulrich Average

Variation
Select which type or combination of variations pertaining to absorption and elimination rates to include on the report.

Isolated With absorption rate uncertainty With elimination rate uncertainty With both absorption and elimination

Report Data
Enter the "Time of Interest" ("Hr." based on a 24hr format and "Min." between 0 and 59), "Hours to Report" (hour-increments, e.g. "5" hrs or "10.25" hrs), and "Initial BAC" value (e.g. "0.02").

Time of Interest Hours to Report Initial BAC

Ingestion/Absorption Entry
Enter each drink that was consumed, the time it was consumed ("Hr." based on a 24hr format and "Min." between 0 and 59), and the range of absorption rates.

<input type="checkbox"/>	Volume (oz)	% Alcohol by volume	Hours	Minutes	Slow Absorption Rate	Fast Absorption Rate	<input type="checkbox"/>
<input type="checkbox"/>					2.5	6.5	

Visit us online for additional support

<https://www.bac-tracker.com/support>