

# Retrospective analyses, providing insights into perfusion

**Acumen Analytics Software. Smart. Innovation.**

## Retrospective perfusion insights

Acumen Analytics software allows you to retrospectively view and analyze previously monitored hemodynamic parameters from the HemoSphere advanced monitoring platform or EV1000 clinical platform, highlighting events including:



**Hypotension  
duration**



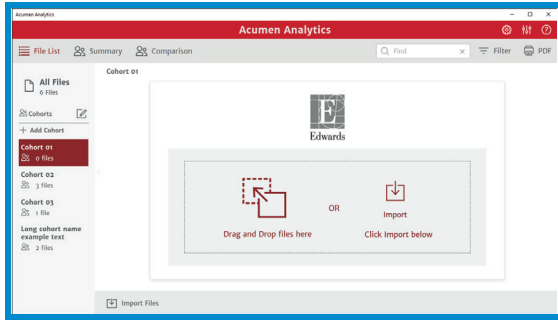
**Hypotension  
frequency**



**Hypotension  
prevalence**



# Key features of Acumen Analytics software



## Customizable viewing pane

With a streamlined tile layout, the main viewing page organizes a list of all cases, cohort summaries, and cohort comparison for convenient overviews.



## Trend parameters

At the core of Acumen Analytics software is advanced hemodynamic parameter data. You can review recorded data on a number of valuable pressure and flow parameters, as well as tissue oxygen saturation that are involved in clinical decision making.

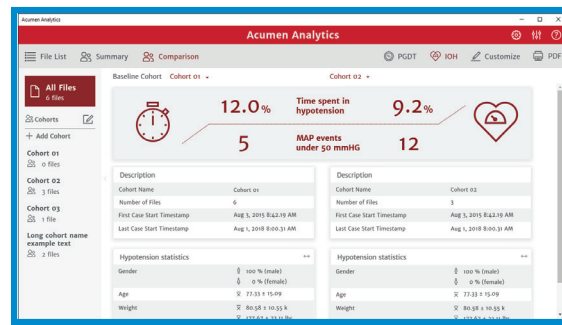
## Hypotension Statistics

Gender	♂ 100 % (male)
	♀ 0 % (female)
Monitoring time per patient	$\bar{x}$ 226.07 ± 174.3
	[15.34, 271.33, 478.33]
Number of patients with hypotension	10 of 10
	100%
Total number of hypotensive events in dataset	91
	$\bar{x}$ 9.1 ± 8.28
	[1, 8, 22.5]

## Hypotension statistics

This case summary list provides statistics on key hypotensive calculations such as average number of hypotensive events, duration of each event, number of patients in a cohort that experienced a hypotensive event.\*

\* A hypotensive event is defined as MAP <65 mmHg for a duration of at least one minute



## Cohort comparison

The cohort comparison screen allows you to retrospectively compare data from two cohorts. When viewing intraoperative hypotension data, key callouts include duration of hypotension and MAP events under 65 mmHg. The customizable cohort summary screen displays a summary of the data collected for the chosen patient or patient group.

**CAUTION:** Federal (United States) law restricts these devices to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

BD, Irvine, CA 92618 USA

[bd.com](http://bd.com)



BD, the BD Logo, Acumen, Acumen Analytics, EV1000 and HemoSphere are trademarks of Becton, Dickinson and Company or its affiliates. All other trademarks are the property of their respective owners. © 2025 BD. All rights reserved. BD-150240 v1.0 US