

Acumen Analytics software sample report

Cohort Comparison

Acumen Analytics

Before HPI

Hypotension statistics

Gender	46.67 % (male), 53.33 % (female)
Age	58.67 ± 22.35
Weight	72.58 ± 24.97 kg, 160.07 ± 55.16 lbs
Height	163.07 ± 10.37 cm, 64.27 ± 4.15 in
Total monitoring time of the cohort	4008.67 minute(s)
Monitoring time per patient	267.24 ± 178.88 [185, 240, 349.83] minute(s)
Number of patients with hypotension	15 of 15 100%
Total number of hypotensive events in dataset	75 event(s)
Average number of hypotensive events per patient	5 ± 6.18 [2, 2, 6.5] event(s)
Average duration of each hypotensive event	9.48 ± 20.98 [1.67, 4, 6.33] minute(s)
Total duration of hypotension in cohort	711.32 minute(s)
Mean MAP under 65 mmHg per patient	58.89 ± 2.88 [56.43, 59.23, 61.24] mmHg
Area under 65 mmHg for MAP per patient (AUT)	331.4 ± 646.18 [43.42, 77, 267.67] mmHg x minute(s)
TWA* (MAP < 65 mmHg) per patient	1.39 ± 1.78 [0.15, 0.91, 2.1] mmHg
% of patients that experience an event under 50 mmHg	6 of 15 40%
Total number of events when a patient is under 50 mmHg	11 event(s)
Lowest MAP among all patients	36 mmHg

After HPI

Hypotension statistics

Gender	45.45 % (male), 54.55 % (female)
Age	54.82 ± 9.48
Weight	99.38 ± 37.73 kg, 219.18 ± 83.27 lbs
Height	168.09 ± 9.57 cm, 66.18 ± 3.68 in
Total monitoring time of the cohort	2792.67 minute(s)
Monitoring time per patient	253.88 ± 93.87 [182.58, 230, 270.58] minute(s)
Number of patients with hypotension	5 of 11 45.45%
Total number of hypotensive events in dataset	10 event(s)
Average number of hypotensive events per patient	0.91 ± 1.3 [0, 0, 1.75] event(s)
Average duration of each hypotensive event	2.1 ± 1.26 [1, 1.67, 3] minute(s)
Total duration of hypotension in cohort	20.99 minute(s)
Mean MAP under 65 mmHg per patient	61.16 ± 1.73 [59.93, 61.3, 62.46] mmHg
Area under 65 mmHg for MAP per patient (AUT)	8.85 ± 15.88 [0, 0, 10.42] mmHg x minute(s)
TWA* (MAP < 65 mmHg) per patient	0.04 ± 0.06 [0, 0, 0.06] mmHg
% of patients that experience an event under 50 mmHg	0 of 11 0%
Total number of events when a patient is under 50 mmHg	0 event(s)
Lowest MAP among all patients	55 mmHg

* TWA is time weighted average.

Cohort Comparison

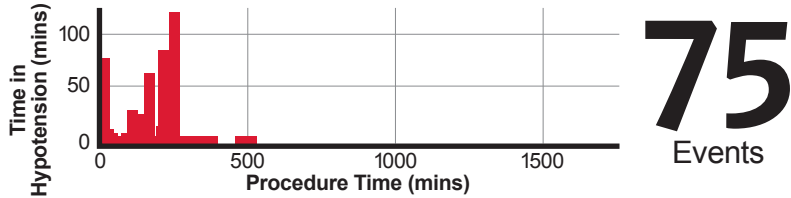
Acumen Analytics

Before HPI

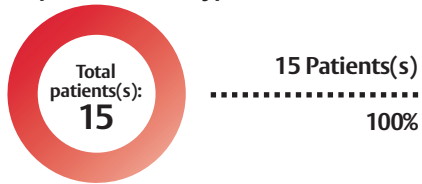
Description

Cohort name	Before HPI
Number of files	15
First case start timestamp	April 15, 2019, 7:56:42AM
Last case start timestamp	May 01, 2019, 8:50:17AM

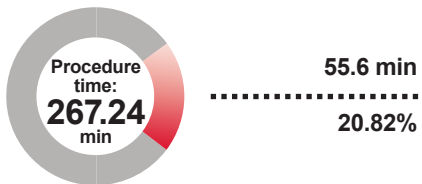
Total number of hypotensive events in cohort



Percent of patients with hypotension



Average time in hypotension per procedure

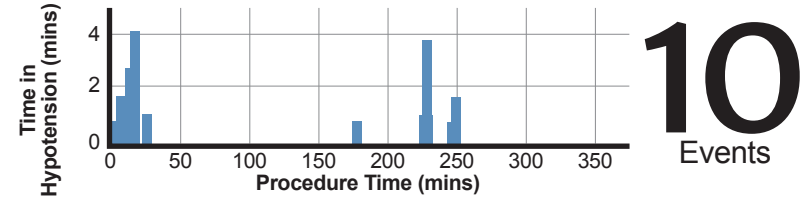


After HPI

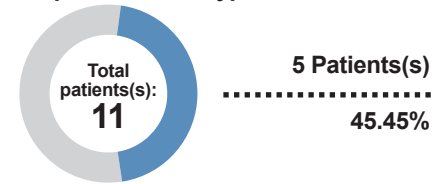
Description

Cohort name	After HPI
Number of files	11
First case start timestamp	June 13, 2019, 10:07:29AM
Last case start timestamp	July 01, 2019, 11:23:41AM

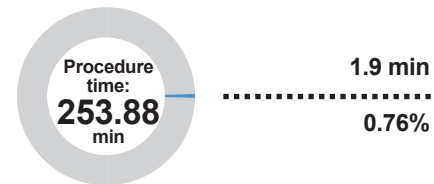
Total number of hypotensive events in cohort



Percent of patients with hypotension



Average time in hypotension per procedure



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