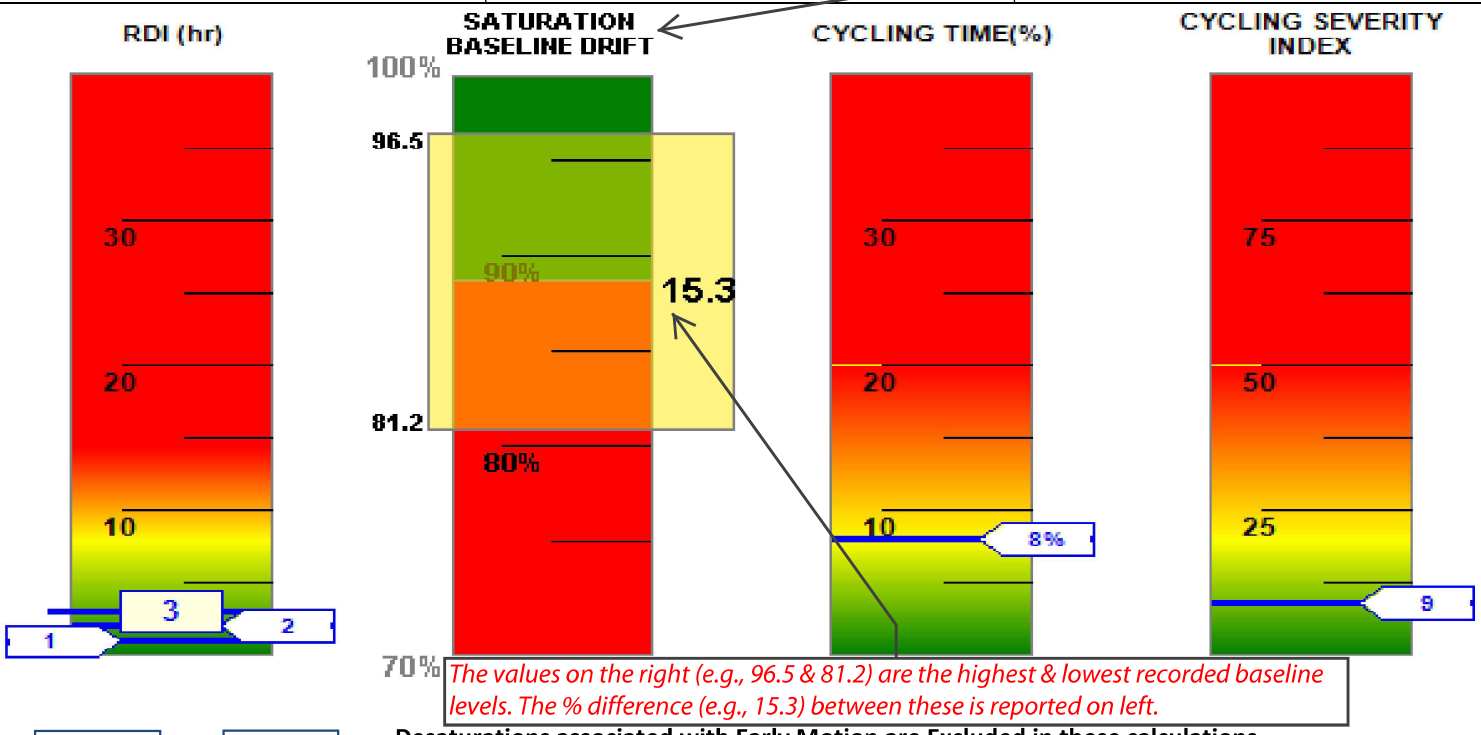
HIGH RESOLUTION PULSE OXIMETRY(HRPO) CASE REPORT

Hypoxemia/ Hypoventilation Syndrome Example

PHYSICIAN:
DOB:
HEIGHT (in): - BMI: -
WEIGHT (lb): - NECK SIZE:
UPLOADED AUTOMATED FROM PROFOX FILE

This indicator examines the overall trend of oxygen levels independent of events, and highlights gradual drifts to lower baseline oxygen saturation levels.

START:	END:	DURATION:



The values on the right (e.g., 96.5 & 81.2) are the highest & lowest recorded baseline levels. The % difference (e.g., 15.3) between these is reported on left.

2-4% Desat RERA

>4% Desat

--Desaturations associated with Early Motion are Excluded in these calculations.
--Physician should review the waveform and consider reviewing the report without the above exclusions.

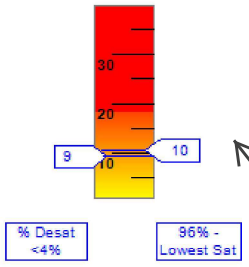
PATTERN BASED REPORT

OXYGEN SATURATION BASELINE ANALYSIS

Oxygen Saturation Baseline Drift(OSBG) (normal <= 3)	15
Initial Saturation Baseline	93
Lowest Saturation Baseline	81
Highest Saturation Baseline	97

Baseline is determined by the Mean Spo2 during 3 Minute window without Artifact and without Events.

DESAT SEVERITY (most severe 10%)



SPO2 CYCLING

% Time in Cycling (Duration)	8%	(00:37:36)
Cycling Frequency	22	
96% - Lowest Sat	10	
Cycling Severity Index	9	

Pattern based report gives detailed information on desaturations & cyclical patterns.

Period SpO2 was < 88% → **The total time oxygen saturation was <= 88% was** 00:13:36

TRADITIONAL REPORT

ODI4:	3
Total OD4 Events:	27
Time in OD4 Events:	00:40:30
Avg OD4 Event Duration:	00:00:51
<=88% OD4 Events:	3
<=88% Longest Duration:	00:10:09
Minimum SpO2:	80
Avg Low 10% SpO2:	84
Avg Low SpO2:	91
Avg Low SpO2 <=88%:	84

Definition of OD4 Event: a fall in oxygen saturation of at least 4% and persisting greater than 3 seconds.

%SpO2	DURATION	%TOTAL
94-100	05:19:12	64%
88-94	02:47:29	33%
80-88	00:13:34	3%
70-80	00:00:02	0%
<= 70	00:00:00	0%
Total	08:20:17	100%
Motion Artifact	00:00:19	0.06%
Error Signal	00:00:01	0%

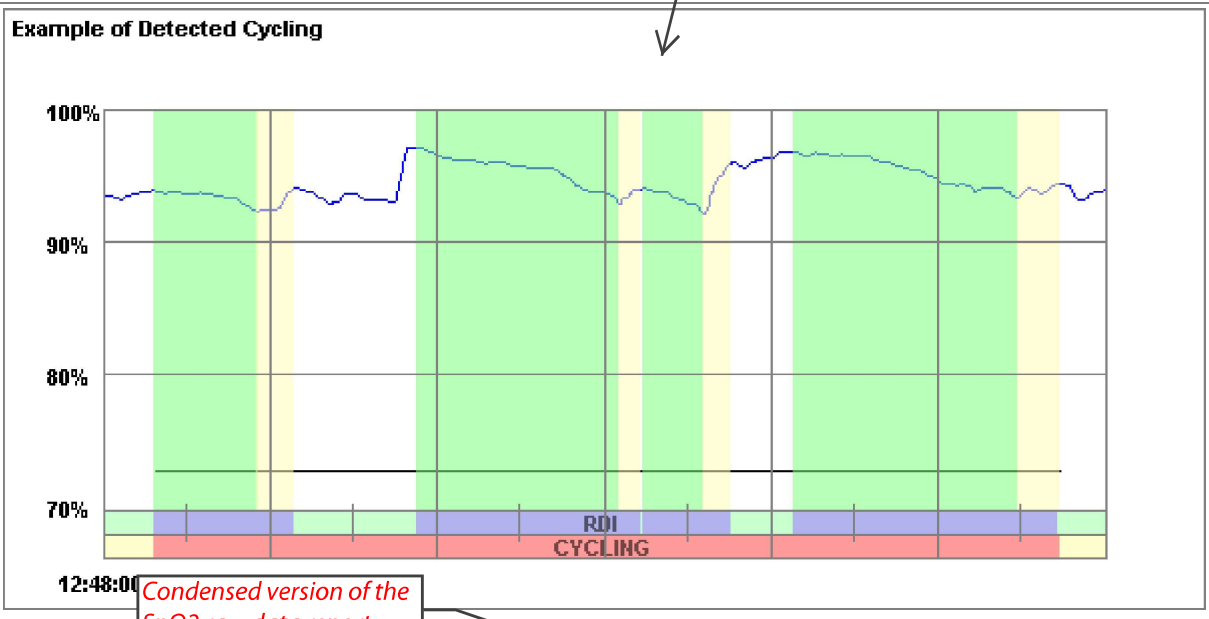
Traditional oximetry report parameters.

HIGH RESOLUTION OXIMETRY CASE REPORT

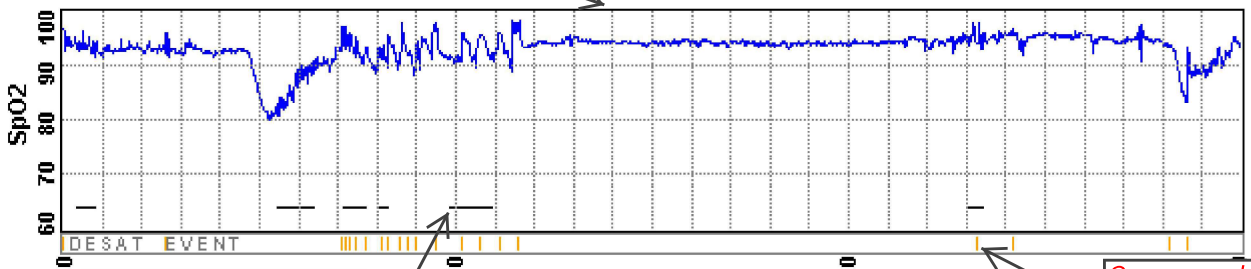
PATIENT ID:

START: END:

Subsequent pages display event examples and raw collection data.

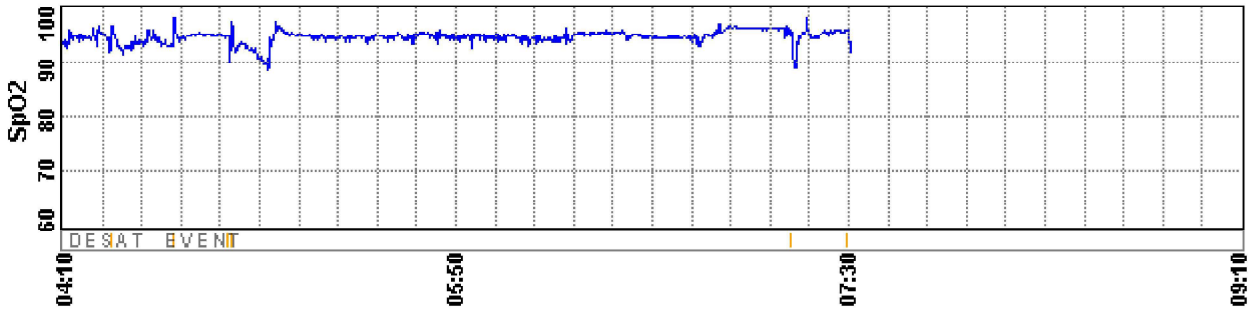


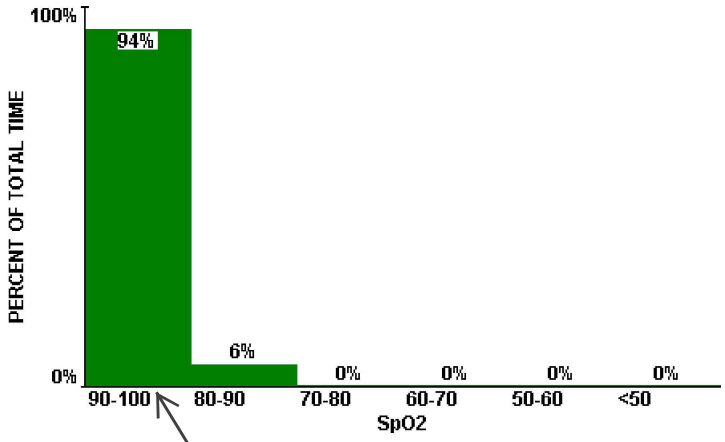
Condensed version of the SpO2 raw data report.

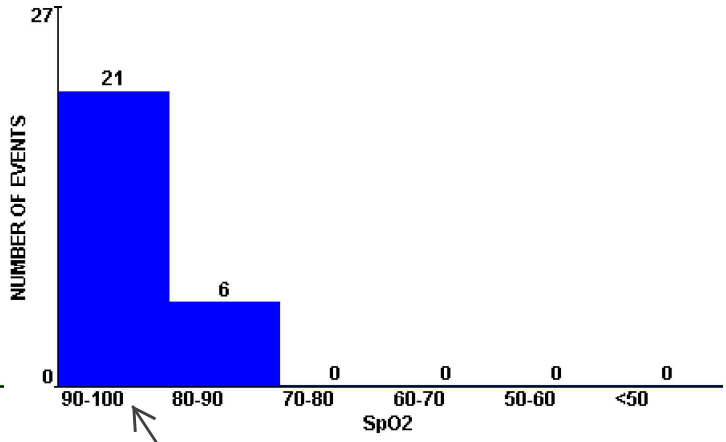


Black, horizontal markers highlight cycling periods.

Orange markers highlight desaturation events.





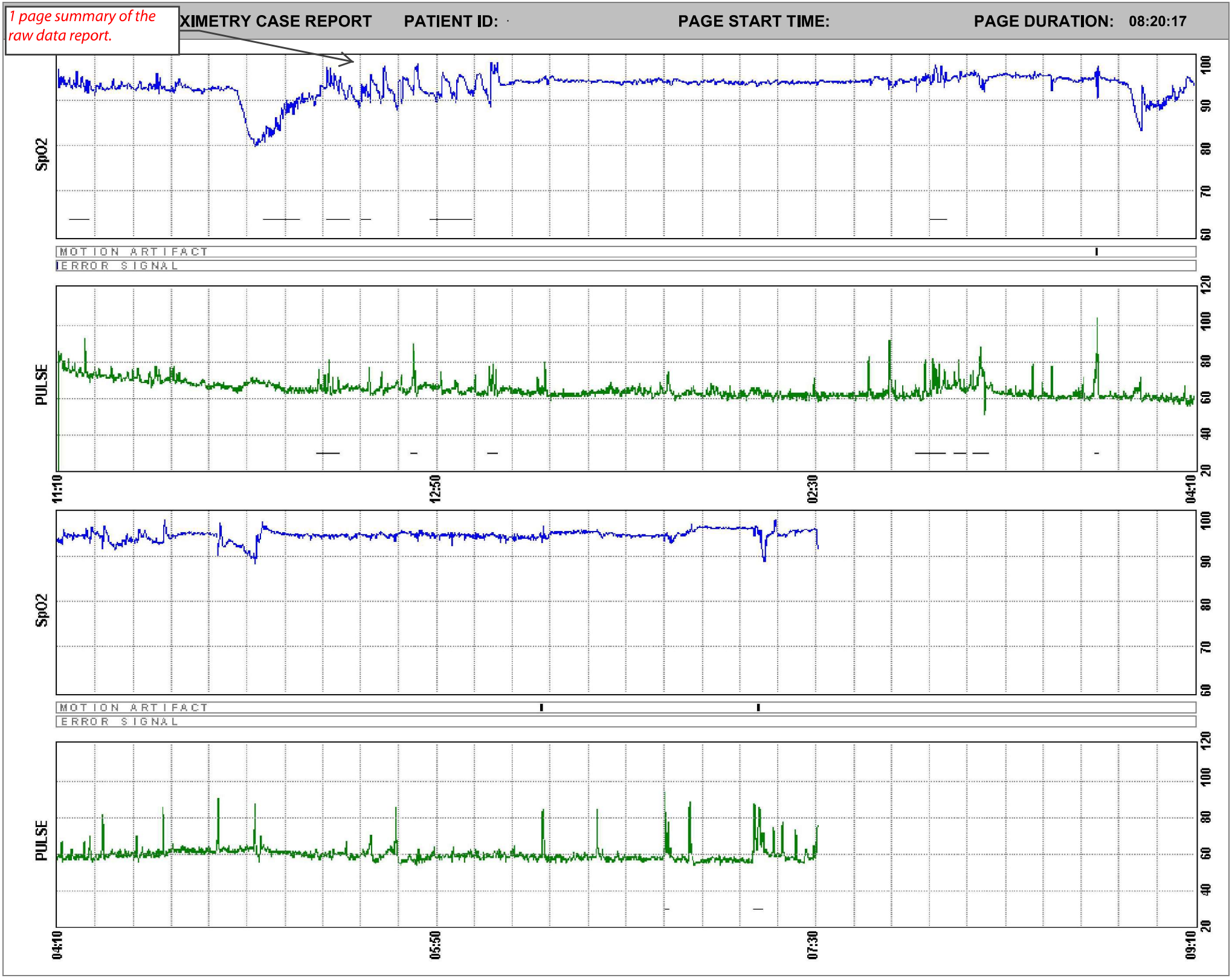


Percent of study spent in the specified SpO2 range.

Event count for the specified SpO2 range.

Patient Safety, Inc.

1 page summary of the raw data report.



Detailed raw data report. (2 hr view)

XIMETRY CASE REPORT PATIENT ID: PAGE START TIME: PAGE DURATION: 2 hours