Supplemental Table 1. State definitions used for labeling segments of SpO2 data.

|  |  |
| --- | --- |
| STATE | DESCRIPTION |
| Desaturation Type I | Decrease in SpO2 of at least 4% over at least 10 seconds with a desaturation minimum value below 92%. Typically represents desaturation from a clinically normal state to a low state. |
| Recovery for DesaturationType I  | Increase in oxygen saturation level from the minimum value of a desaturation to a value of at least 92%. |
| Desaturation Type II | Decrease in SpO2 of at least 4% over at least 10 seconds, with a minimum desaturation value above 92%. Typically represents desaturation where SpO2 remains in a clinically normal range. |
| Desaturation Type III | Decrease in SpO2 of at least 4% and at least 10 seconds long, with a minimum value below 92% but where the recovery, if it exists, does not reach 92%. These typically represent desaturations that have onset from a low saturation value or desaturations with only modest recovery. |
| Recovery for DesaturationType II & III  | Increase in oxygen saturation levels from the minimum desaturation point to at least within 2% of the desaturation onset value. |