

## Algorithm Output

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| O2 Saturation | O2 Concentration | CO2 Concentration | APH      | BPH      |
|---------------|------------------|-------------------|----------|----------|
| 92.74036      | 24.45091         | 26.98503          | 7.284893 | 7.094901 |
| 91.74742      | 23.15920         | 32.15824          | 7.335517 | 7.145526 |
| 94.57475      | 23.10485         | 26.96383          | 7.298257 | 7.108265 |
| 93.92098      | 21.89633         | 32.07192          | 7.356973 | 7.166981 |
| 94.43717      | 25.44039         | 26.25115          | 7.286796 | 7.096804 |
| 92.72789      | 21.99571         | 30.89939          | 7.318565 | 7.128574 |
| 91.04752      | 24.37621         | 32.01236          | 7.349177 | 7.159185 |
| 93.07839      | 21.57553         | 33.08135          | 7.350881 | 7.160889 |
| 95.19656      | 20.08548         | 35.57047          | 7.383963 | 7.193971 |
| 93.42665      | 19.43873         | 37.05976          | 7.371875 | 7.181884 |
| 94.41043      | 16.50658         | 38.55570          | 7.397895 | 7.207903 |
| 89.84015      | 18.94467         | 37.45424          | 7.364281 | 7.174289 |
| 91.45252      | 15.70952         | 40.39024          | 7.419124 | 7.229133 |
| 92.33241      | 19.61365         | 32.63438          | 7.354216 | 7.164225 |
| 92.55695      | 21.06097         | 34.53559          | 7.353867 | 7.163875 |
| 93.52708      | 18.69137         | 36.19213          | 7.379495 | 7.189503 |
| 92.88397      | 21.79816         | 34.87013          | 7.358687 | 7.168696 |
| 90.32595      | 22.18779         | 31.80602          | 7.312405 | 7.122413 |
| 90.15609      | 23.03269         | 35.02991          | 7.353478 | 7.163486 |
| 89.54762      | 19.25109         | 40.46168          | 7.390180 | 7.200188 |
| 93.24664      | 22.52741         | 31.12355          | 7.316489 | 7.126498 |
| 93.54953      | 21.16345         | 29.22702          | 7.281192 | 7.091200 |
| 93.55204      | 22.19831         | 32.44184          | 7.351038 | 7.161046 |
| 91.88202      | 20.39213         | 36.40431          | 7.348379 | 7.158387 |
| 93.94713      | 22.68888         | 31.28675          | 7.301671 | 7.111679 |
| 94.51212      | 19.80840         | 33.92059          | 7.361854 | 7.171862 |
| 78.67421      | 15.62936         | 29.64865          | 7.303228 | 7.113237 |
| 95.09783      | 19.14860         | 39.69955          | 7.395381 | 7.205390 |

| O2 Saturation | O2 Concentration | CO2 Concentration | APH      | BPH      |
|---------------|------------------|-------------------|----------|----------|
| 92.86678      | 15.20484         | 40.30217          | 7.392312 | 7.202320 |
| 94.59846      | 16.92747         | 39.91715          | 7.389856 | 7.199864 |
| 94.10259      | 17.77055         | 37.98461          | 7.385114 | 7.195122 |
| 91.92436      | 17.72116         | 27.03032          | 7.266681 | 7.076689 |
| 94.32954      | 19.76159         | 43.00552          | 7.452259 | 7.262268 |
| 92.30413      | 17.53087         | 40.34648          | 7.411677 | 7.221686 |
| 94.65159      | 17.99237         | 36.06393          | 7.382141 | 7.192149 |