## 11/10/2023 Document

Our original formula:

Validation formulas in referenced literature:

In order to solve the problem of large deviation in SpO2 values, the verification method was revised based on the new reference, which is to check SpO2 through the formula and check SpO2 through the changes in Hb and HbO2 concentrations.

1. Fixed experimental data validation formula：

Not introduce simulated L-path data, and the final SpO2 is obtained through experimental data.

1. Fixed simulation L-path data validation formula:

SpO2 is obtained directly from Hb and HbO2, using experimental data and using simulated L-path data