Non-invasive Recording of Peripheral Oxygen Metabolism in Paediatric Patients after Heart Surgery

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Measure of 1000 Values in an area of 2x2 cm.

This study revealed that the SO2-gradients (Min, Mean, Max) reflect the total cardio-pulmonary Situation of the patients very well.
- In contrast to the pulsoxi- and BGA-values the peripheral oxygen supply is recorded much more sensitiv.
- This technique allows the monitoring of hemodynamic situations - especially of low-cardiac output-state.