**Differential Diagnosis Hypocapnia / low etCO2**

**No etCO2**

* **No etCO2 - NO VENTILATION, NO PATENT AIRWAY !!!**
* **Oesophageal intubation?**
* Disconnection of tubing, complete failure of respirator
* Apnoea
* Cardiac arrest

Diminished production of CO2

* Hypothermia
* Deep anaesthesia
* Hypothyroidism

Enhanced excretion of CO2

* (Spontaneous) hyperventilation
* Inappropriate ventilator setting

Reduced transport of CO2 in blood

* Severe hypotension
* Anaphylaxis
* Cardiac arrest
* Pulmonary embolus

Reduced transport of CO2 in lung

* ETT obstruction
* Incorrect airway placement (endobronchial intubation)
* Laryngospasm
* Severe bronchospasm

Sampling dilution

* Disconnection of respirator
* Dilution of sampling gas with room-air
* Gas sampler placed wrong
* High fresh gas flow in circuit

Most likely

* Rule out **MALPLACED AIRWAY** (OESOPHAGEAL)
* Hyperventilation (too high minute ventilation)
* Bronchospasm
* Laryngospasm
* Hypotension