Table 2. *Summary of temperature measurements.*

Measurement location	Accuracy	Advantages	Disadvantages
Body surface	Low	Easy and widely available	Inaccurate
Oral	Low	Easy and widely available	Inaccurate
Axilla	Low	Easy and widely available	Inaccurate
Tympanic membrane	Satisfactory	Precise, repeatable and brain core temperature	High risk of measurement error
Rectum	Satisfactory	Easy, widely available, precise and repeatable	High latency
Urinary bladder	Satisfactory	precise and repeatable	High latency
Nasopharynx	Satisfactory	Easy, widely available	High risk of measurement error
Esophagus	Most accurate	Easy, widely available and repeatable	High latency
Pulmonary artery	Most accurate	precise and repeatable	Invasive and restricted to intensive care units