Abbreviations
CO, cardiac output; EVLW, extravascular lung water; GEDV, global end-diastolic volume; LSC, least significance change; TPTD, transpulmonary thermodilution.

Competing interests
KB received consultant fees from Edwards LifeSciences. RG and NS have no potential conflicts of interest to declare.

References

Figure 1. Example of measurement of cardiac output by transpulmonary thermodilution. Six boluses of 10 ml each (with an average room temperature of 18.62°C) administered at 1 minute intervals reveal an average cardiac output (CO) of 6.99 L/minute; standard deviation = 0.16, precision = 1.90%. BloodT°, temperature of blood; BolusT°, temperature of the cold bolus; Cath k, constant of the PiCCO™ arterial catheter; CI, cardiac index; CO, cardiac output; InjVol, volume of the cold bolus.