

PULSION PiCCO2 Technology Top Recommended Literature

PiCCO

Reviews

Oren-Grinberg A

The PiCCO Monitor

International Anesthesiology Clinics 2010; 48(1): 57 – 85

King D & Price AM

Measuring cardiac output using the PiCCO system

British Journal of Cardiac Nursing 2008; 3 (11): 512-519

Malbrain M, De Potter P, Deeren D

Cost effectiveness of minimally invasive hemodynamic monitoring

In: Vincent JL (Ed.), Yearbook of Intensive Care and Emergency Medicine 2005: 603 -18

Outcome Papers

Mutoh T, Kazumata K, Ishikawa T, Terasaka S

Performance of Bedside Transpulmonary Thermodilution Monitoring for Goal-Directed Hemodynamic Management After Subarachnoid Hemorrhage

Stroke 2009; 40(7): 2368 - 74

Smetkin AA, Kirov M, Kuzkov VV, Lenkin AI, Ereemeev AV, Slastilin VY, Borodin VV, Bjertnaes LJ.

Single transpulmonary thermodilution and continuous monitoring of central venous oxygen saturation during off-pump coronary surgery.

Acta Anaesthesiol Scand 2009; 53: 505-14

Goepfert M, Reuter D, Akyol D, Lamm P, Kilger E, Goetz A.

Goal directed fluid management reduces vasopressor and catecholamine use in cardiac surgery patients

Intensive Care Medicine 2007; 33: 96 – 103

Mitchell JP, Schuller D, Calandrino FS, Schuster DP

Improved outcome based on fluid management in critically ill patients requiring pulmonary artery catheterization

Am Rev Respir Dis 1992; 145: 990-8

Standard Operating Procedures

Pino-Sanchez F, Lara-Rosales R, Guerrero-Lopez F, Chamorro-Marin V, Navarrete-Navarro P, Carazo-de la Fuente E, Fernandez-Mondejar E.

Influence of extravascular lung water determination in fluid and vasoactive therapy

J Trauma 2009; 67(6): 1220-4

Reinhart K, Brunkhorst FM, Bone HG, Gerlach H, Grundling M, Kreymann G, Kujath P, Marggraf G, Mayer K, Meier-Hellmann A, Peckelsen C, Putensen C, Quintel M, Ragaller M, Rossaint R, Stuber F, Weiler N, Welte T, Werdan K.

[Diagnose und Therapie der Sepsis: S2-Leitlinien der Deutschen Sepsis-Gesellschaft e.V. (DSG) und der Deutschen Interdisziplinären Vereinigung für Intensiv- und Notfallmedizin (DIVI)]

Internist 2006: 356-73 (Article in German)

Critical Care

Phillips, C., Chesnutt M, Smith, M.

Extravascular lung water in sepsis-associated acute respiratory distress syndrome: indexing with predicted body weight improves correlation with severity of illness and survival.

Crit Care Med, 2008; 36(1): 69-73

Validation

Tagami T, Kushimoto S, Yamamoto Y, Atsumi T, Tosa R, Matsuda K, Oyama R, Kawaguchi T, Masuno T, Hiramata H, Yokota H.

Validation of extravascular lung water measurement by single transpulmonary thermodilution: human autopsy study

Crit Care 2010; 14(5): R162

CeVOX

Outcome Papers

Smetkin AA, Kirov M, Kuzkov VV, Lenkin AI, Ereemeev AV, Slastilin VY, Borodin VV, Bjertnaes LJ.

Single transpulmonary thermodilution and continuous monitoring of central venous oxygen saturation during off-pump coronary surgery.

Acta Anaesthesiol Scand 2009; 53: 505-14

Csontos C, Foldi V, Fischer T, Bogar L.

Arterial thermodilution in burn patients suggests a more rapid fluid administration during early resuscitation.

Acta Anaesthesiol Scand 2008; 52(6): 742-9

Kortgen A, Niederprün P, Bauer M.

Implementation of an evidence-based „standard operating procedure“ and outcome in septic shock

Crit Care Med 2006;34(4):939-9

Rivers ER, Nguyen B, Havstad S, Ressler J, Muzzin A, Knoblich B, Peterson E, Tomlanovich M

Early goal-directed therapy in the treatment of severe sepsis and septic shock

N Eng J Med 2001;345:1368–77

Guidelines and Standard Operating Procedures

Dellinger RP, Levy MM, Carlet JM, Bion J, Parker MM, Jaeschke R, Reinhart K, Angus DC, Brun-Buisson C, Beale R, Calandra T, Dhainaut JF, Gerlach H, Harvey M, Marini JJ, Marshall J, Ranieri M, Ramsay G, Sevransky J, Thompson BT, Townsend S, Vender JS, Zimmerman JL, Vincent JL.

Surviving Sepsis Campaign: International guidelines for management of severe sepsis and septic shock: 2008

Intensive Care Med 2008; 34(1): 17-60

De Oliveira CF, de Oliveira DS, Gottschald AF, Moura JD, Costa GA, Ventura AC, Fernandes JC, Vaz FA, Carcillo JA, Rivers EP, Troster EJ.

ACCM / PALS haemodynamic support guidelines for paediatric septic shock: an outcomes comparison with and without monitoring central venous oxygen saturation

ICM 2008; 34 (6): 1065-75

Reinhart K, Brunkhorst FM, Bone HG, Gerlach H, Grundling M, Kreyman G, Kujath P, Marggraf G, Mayer K, Meier-Hellmann A, Peckelsen C, Putensen C, Quintel M, Ragaller M, Rossaint R, Stuber F, Weiler N, Welte T, Werdan K

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Internist 2006;1-40

Review

Walley KR.

Use of Central Venous Oxygen Saturation to Guide Therapy

Am J Respir Crit Care Med 2010; epub

Bauer P, Reinhart K, Bauer M.

Early goal directed therapy and outcome in septic shock

Int J Intensive Care 2007; Autumn: 19-24

Critical Care Patients

Jakob S.

Multicentre study on peri-postoperative central venous oxygen saturation in high-risk surgical patients

Critical Care 2006;10:R158