



Enhanced Recovery After Surgery Resource List

The following resources may provide additional background information related to enhanced recovery after surgery and goal directed fluid therapy. This is not a comprehensive list of resource articles. Publicly available full text articles are linked.

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Aya HD, Cecconi M, Hamilton M, Rhodes A. [Goal-directed therapy in cardiac surgery: a systematic review and meta-analysis](#). *Br J Anaesth*. Apr 2013;110(4):510-517.

Bellamy MC. [Wet, dry or something else?](#) *Br J Anaesth*. Dec 2006;97(6):755-757.

Berkenstadt H, Margalit N, Hadani M, et al. [Stroke volume variation as a predictor of fluid responsiveness in patients undergoing brain surgery](#). *Anesth Analg*. Apr 2001;92(4):984-989.

Boltz MM, Hollenbeak CS, Ortenzi G, Dillon PW. Synergistic implications of multiple postoperative outcomes. *Am J Med Qual*. Sep-Oct 2012;27(5):383-390.

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Cecconi M, Corredor C, Arulkumaran N, et al. [Clinical review: Goal-directed therapy-what is the evidence in surgical patients? The effect on different risk groups](#). *Crit Care*. 2013;17(2):209.

Corcoran T, Rhodes JE, Clarke S, Myles PS, Ho KM. [Perioperative fluid management strategies in major surgery: a stratified meta-analysis](#). *Anesth Analg*. Mar 2012;114(3):640-651.

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Giglio MT, Marucci M, Testini M, Brienza N. [Goal-directed haemodynamic therapy and gastrointestinal complications in major surgery: a meta-analysis of randomized controlled trials](#). *Br J Anaesth*. Nov 2009;103(5):637-646.

- Grocott MP, Dushianthan A, Hamilton MA, et al. [Perioperative increase in global blood flow to explicit defined goals and outcomes after surgery: a Cochrane Systematic Review](#). *Br J Anaesth*. Oct 2013;111(4):535-548.
- Hamilton MA, Cecconi M, Rhodes A. [A systematic review and meta-analysis on the use of preemptive hemodynamic intervention to improve postoperative outcomes in moderate and high-risk surgical patients](#). *Anesth Analg*. Jun 2011;112(6):1392-1402.
- Khuri SF, Henderson WG, Daley J, et al. Successful implementation of the Department of Veterans Affairs' National Surgical Quality Improvement Program in the private sector: the Patient Safety in Surgery study. *Ann Surg*. Aug 2008;248(2):329-336.
- Khuri SF, Henderson WG, DePalma RG, et al. [Determinants of long-term survival after major surgery and the adverse effect of postoperative complications](#). *Ann Surg*. Sep 2005;242(3):326-341; discussion 341-323.
- Lawson EH, Hall BL, Louie R, et al. Association between occurrence of a postoperative complication and readmission: implications for quality improvement and cost savings. *Ann Surg*. Jul 2013;258(1):10-18.
- Le Manach Y, Hofer CK, Lehot JJ, et al. [Can changes in arterial pressure be used to detect changes in cardiac output during volume expansion in the perioperative period?](#) *Anesthesiology*. Dec 2012;117(6):1165-1174.
- Marik PE, Cavallazzi R. Does the central venous pressure predict fluid responsiveness? An updated meta-analysis and a plea for some common sense. *Crit Care Med*. Jul 2013;41(7):1774-1781.
- Michard F. [Changes in arterial pressure during mechanical ventilation](#). *Anesthesiology*. Aug 2005;103(2):419-428; quiz 449-415.
- Michard F. [Volume management using dynamic parameters: the good, the bad, and the ugly](#). *Chest*. Oct 2005;128(4):1902-1903.
- Michard F, Biais M. [Rational fluid management: dissecting facts from fiction](#). *Br J Anaesth*. Mar 2012;108(3):369-371.
- O'Leary MJ, Bihari DJ. [Preventing renal failure in the critically ill. There are no magic bullets-just high quality intensive care](#). *BMJ*. Jun 16 2001;322(7300):1437-1439.
- Pearse R, Dawson D, Fawcett J, Rhodes A, Grounds RM, Bennett ED. [Early goal-directed therapy after major surgery reduces complications and duration of hospital stay. A randomised, controlled trial \[ISRCTN38797445\]](#). *Crit Care*. 2005;9(6):R687-693.
- Pearse RM, Harrison DA, MacDonald N, et al. [Effect of a perioperative, cardiac output-guided hemodynamic therapy algorithm on outcomes following major gastrointestinal surgery: a randomized clinical trial and systematic review](#). *JAMA*. Jun 4 2014;311(21):2181-2190.
- Perel A, Habicher M, Sander M. [Bench-to-bedside review: functional hemodynamics during surgery - should it be used for all high-risk cases?](#) *Crit Care*. 2013;17(1):203.
- Phan TD, Ismail H, Heriot AG, Ho KM. Improving perioperative outcomes: fluid optimization with the esophageal Doppler monitor, a metaanalysis and review. *J Am Coll Surg*. Dec 2008;207(6):935-941.

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