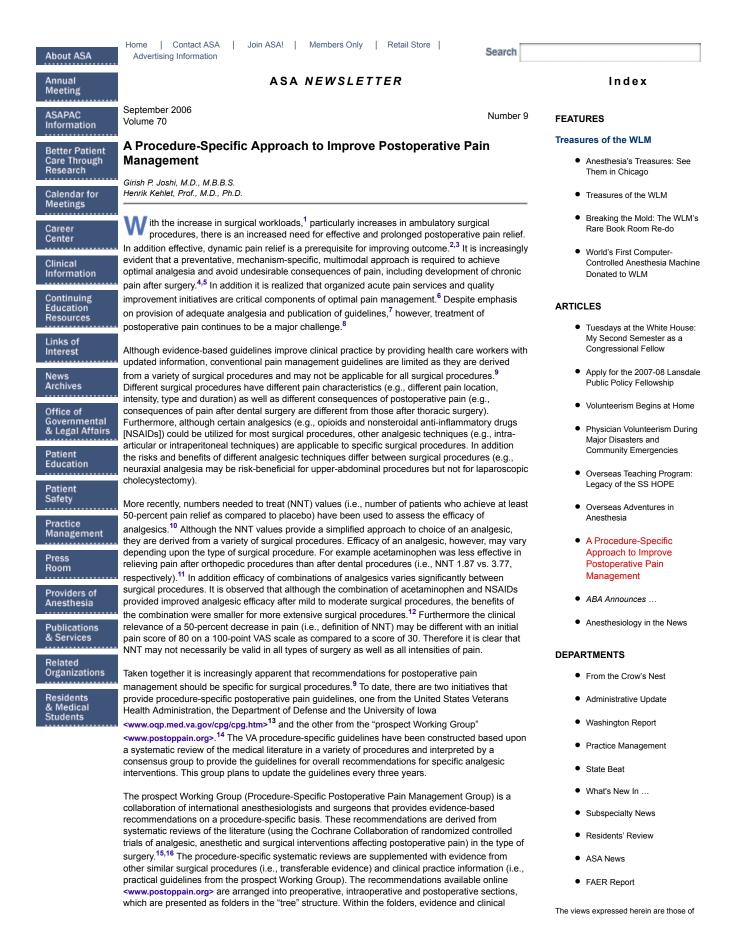
October 5, 2009



## http://www.asahq.org/Newsletters/2006/09-06/joshi09\_06.html

practice are presented as arguments for and against an analgesic, anesthetic or operative technique, together with links to abstracts. The availability of detailed information allows readers to make their own decisions based on their practice, and they do not necessarily have to follow the prospect Working Group's recommendations.

In summary, the choice of analgesic techniques needs to be individualized for each patient as well as for a specific procedure. The procedure-specific guidelines may be incorporated into clinical pathways for specific surgical procedures,<sup>2</sup> which along with an organized acute pain service

should improve postoperative pain management and surgical outcome.<sup>2,3</sup> Finally, it also is mandatory to integrate multimodal analgesic therapy into surgical care as a continuum from the preoperative period through the convalescence period, which will require close cooperation between anesthesiologists and surgeons.<sup>2,3</sup>

## References:

1. Liu JH, Etzioni DA, O'Connell JB, Maggard MA, Ko CY. The increasing workload of surgery. *Arch Surg.* 2004; 139:423-428.

2. Kehlet H, Dahl JB. Anaesthesia, surgery and challenges in postoperative recovery. *Lancet.* 2003, 362(9399):1921-1928.

3. Joshi GP. Multimodal analgesia techniques and postoperative rehabilitation. *Anesthesiol Clin N Am.* 2005; 23:185-202.

4. Joshi GP, Ogunnaike B. Consequences of inadequate postoperative pain relief and chronic persistent postoperative pain. *Anesthesiol Clin N Am.* 2005; 23:21-36

5. Kehlet H, Jensen TS, Woolf C. Persistent postsurgical pain: Risk factors and prevention. *Lancet.* 2006; 367:1618-1625.

6. Rawal N. Organization, function, and implementation of acute pain service. *Anesthesiol Clin N Am.* 2005; 23(1):211-225.

7. Ashburn MA, Caplan RA, Carr DB, et al. ASA Practice guidelines for acute pain management in the perioperative setting. *Anesthesiology.* 2004; 100:1573-1581.

 Apfelbaum JL, Chen C, Shilpa S, Gan TJ. Postoperative pain experience: Results from a national survey suggest postoperative pain continues to be undermanaged. *Anesth Analg.* 2003; 97:534-540.

9. Rowlingson JC, Rawal N. Postoperative pain guidelines-targeted to the site of surgery. *Reg Anesth Pain Med.* 2003; 284:265-267.

10. Moore A, Edvards J, Barden J, McQuay H. Bandoliers Little Book of Pain. Oxford: Oxford University Press; 2003.

11. Gray A, Kehlet H, Bonnet F, Rawal N. Predicting postoperative analgesia outcomes: NNT league tables or procedure-specific evidence? *Br J Anaesth.* 2005; 94:710-714.

12. Hyllested M, Jones S, Pedersen JL, Kehlet H. Comparative effect of acetaminophen, NSAIDs or their combination in postoperative pain management: A qualitative review. *Br J Anaesth.* 2002; 88:199-214.

13. Rosenquist RW, Rosenberg J. Postoperative pain guidelines. *Reg Anesth Pain Med.* 2003; 28:279-288.

14. Kehlet H. Procedure specific postoperative pain management. *Anesthesiol Clin N Am.* 2005; 23:209-210.

15. Kehlet H, Gray AW, Bonnet F, et al. A procedure-specific systematic review and consensus recommendations for postoperative analgesia following laparoscopic cholecystectomy. *Surg Endosc.* 2005; 19:1396-1415.

16. Fischer HBJ, Simanski CJP. A procedure-specific review and consensus recommendations for analgesia after total hip replacement. *Anaesthesia*. 2005; 60:1189-1202.

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