Intraoperative Analgesic Regimen and Cholecystectomy: A Closer Look

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We read with great interest the article by Umemura et al. [1] in a recent issue of the journal. The authors performed a randomized clinical trial on 105 patients and concluded that needlescopic cholecystectomy is superior to single-incision laparoscopic cholecystectomy in terms of short-term incision. The authors should be congratulated for performing a study in an important topic (e.g., acute pain) in patients undergoing laparoscopic surgery [2, 3]. In addition, the current emphasis on the need to improve postoperative pain to improve patients' overall recovery makes the

topic very relevant in perioperative medicine [4, 5].

Although the study of Umemura et al. [1] was well conducted, there are some questions regarding the study that need to be clarified. First, it is unclear if the authors had a standardized intraoperative analgesic regimen as this can affect the study outcomes. Secondly, the authors evaluated multiple outcomes; however, they did not adjust their analysis to avoid type-I errors. Lastly, the authors did not evaluate patient centered outcomes, and therefore, the clinical significance of their findings remains to be determined.

We would welcome some comments by the authors. This would help to further validate the findings of this important study.

Disclosure Statement

The authors declare that they have no conflicts of interest and nothing to disclose.

Financial Support

No funding was sought.

References

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