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**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

**Intraoperative systemic vascular resistance is associated with postoperative nausea and vomiting after laparoscopic hysterectomy**

Qu MD *et al.* SVR and PONV

Meng-Di Qu, Meng-Yuan Zhang, Gong-Ming Wang, Zhun Wang, Xu Wang

**Abstract**

**BACKGROUND**

### Match Overview

1	<b>Crossref</b> 46 words Runjia Wang, Gongming Wang, Yang Liu, Mengyuan Zhang. "Preoperative smoking history is associated with d	1%
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The increase in **systemic vascular resistance** is affected by patient position. The Trendelenburg position attenuates this increase; the head-up position aggravates it. Use of  $\alpha$  2-adrenergic agonists such as clonidine, or dexmedetomidine, and of  $\beta$ -blocking agents significantly reduces hemodynamic changes and anesthetic requirements. Use of high ...

Author: Vasantha Kumar Janardhana, Vijayas... Publish Year: 2019

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There have been few studies of donor perioperative fluids in **laparoscopic** nephrectomy. **Intraoperative** fluid restriction was **associated** with a lower urine output, but no difference in **post-operative** serum creatinine levels or complications . This may be because hydration **after** the establishment of pneumoperitoneum is too late to attenuate any ...

Cited by: 2

Author: Shona Mackinnon, Emma Aitken, Ryan ...

Publish Year: 2017

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No differences were noted in **nausea**, **vomiting**, length of hospital stay, wound infection, and delayed wound healing among the groups. Thus, parecoxib sodium reduces the duration and intensity of acute **postoperative** pain **after laparoscopic-assisted vaginal hysterectomy**.

Author: Shuyi Yang, Wei Xiao, Shijun Wang, ... Publish Year: 2019

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Author: Vasantha Kumar Janardhana, Vijayas...

Publish Year: 2019

## Anaesthesia for laparoscopic surgery | BJA Education ...

<https://academic.oup.com/bjaed/article/11/5/177/282908> ▾**Benefits of Laparoscopic Sur...**

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A major benefit of laparoscopic surgery is the shortened recovery time after major surgery (Table 1). Reasons for this are multi-factorial: the laparoscopic approach reduces manipulation of the bowel and peritoneum, resulting in decreased incidence of postoperative ileus. Therefore, enteral intake can be resumed more rapidly than with open surgical techniques, limiting requirements for i.v. fluid regimes which are associated with tissue oedema, poor wound repair, and prolonged postoperative recovery. S...

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Cited by: 25

Author: Paul Hayden, Sarah Cowman

Publish Year: 2011

Published: Jul 14, 2011

## Effects of hypercapnia on postoperative nausea and ...

[https://www.researchgate.net/publication/315832664\\_Effects\\_of\\_hypercapnia\\_on...](https://www.researchgate.net/publication/315832664_Effects_of_hypercapnia_on...)

Background: Laparoscopic surgery is associated with a high incidence of postoperative nausea and vomiting (PONV). The use of CO<sub>2</sub> pneumoperitoneum has been proposed as a ...

### PEOPLE ALSO ASK

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Intraoperative systemic vascular resistance is associated with postop



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No differences were noted in **nausea**, **vomiting**, length of hospital stay, wound infection, and delayed wound healing among the groups. Thus, parecoxib sodium reduces the duration and intensity of acute **postoperative** pain **after laparoscopic-assisted vaginal hysterectomy**.

**Author:** Shuyi Yang, Wei Xiao, Shijun Wang, L... **Publish Year:** 2019

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Feb 01, 2019 - It is known for its sympathomimetic effects and will maintain or increase contractility while avoiding a decrease in **systemic vascular resistance** (SVR) **associated** with inhaled anesthetics. Its effect on pulmonary **vascular resistance** (PVR) is controversial, although some studies have documented a decrease in PVR ( 43 - 45 ).

**Cited by:** 1 **Author:** Debra Lederman, Jasmeet Easwar, Josh...

**Publish Year:** 2019

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