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**Original article**

**Role of Intravenous Paracetamol Infusion in Surgical cases of Systemic**

**Inflammatory Response Syndrome**

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**Abstract:**

Systemic Inflammatory Response Syndrome is a serious condition related to systemic inflammation, if untreated in time can lead to organ dysfunction & death. The purpose of this study was to evaluate the effects of antipyretic therapy on patients presenting with features of SIRS.In this study out of 100 selected cases, 50 were randomly assigned to the study group and 50 to the control group. The study group received intravenous paracetamol infusion while the control group was observed. The study found that intravenous paracetamol infusion reduced pulse rate, respiratory rate and temperature significantly in study group as compared to control group. Thus intravenous paracetamol infusion has a role in controlling symptoms and signs of SIRS in its early phase.

**Keywords:** Systemic Inflammatory Response Syndrome