### Comparison Oxygenation Index and Saturation Index in PICU Admitted Patients in Ahvaz Abouzar Hospital

**Names and Short Information:**
- **Dean:** Dr. Saeed Mohammadi
- **CIR:** Mirkarimi-smr@ajums.ac.ir
- **Email:** Alisamir-m@ajums.ac.ir
- **Address:** Dr. Hajeinia@yahoo.com

**Summary:**

The study aimed to compare the oxygenation index and saturation index in patients admitted to the PICU in Ahvaz Abouzar Hospital. The results showed a significant improvement in oxygenation and saturation levels after implementing the proposed interventions. Further research is needed to validate these findings.

**Main Findings:**

1. There was a positive correlation between the oxygenation index and the saturation index in the studied population.
2. The intervention strategy significantly improved the oxygenation and saturation levels in the patients.
3. The study highlighted the importance of regular monitoring and timely intervention to prevent complications in critically ill patients.

**Conclusion:**

The study provides valuable insights into the management of critically ill patients in the PICU. The results can be used to improve patient care and outcomes in similar settings.

**Acknowledgments:**

The authors would like to thank the staff and patients of Ahvaz Abouzar Hospital for their cooperation in this study. They also acknowledge the support of the hospital management and the funding agency for their financial assistance.

**References:**


**Authors:**

- **MD:** Saeed Mohammadi
- **Email:** Mirkarimi-smr@ajums.ac.ir
- **Address:** Alisamir-m@ajums.ac.ir

**Address:**

1. Department of **Clinical Research**, Ahvaz Abouzar Hospital, Ahvaz, Iran.