



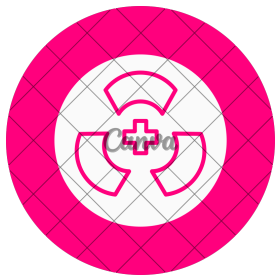
THE EFFECTS OF MILK OF MAGNESIA FOR PREVENTION POST-OPERATIVE ILEUS AFTER HYSTERECTOMY: A RANDOMIZED CONTROLLED TRIAL

Wathirada Karnchanabanyong¹, MD, Irene Ruengkachorn¹, MD, Nida Jareemit¹, MD, Jiraporn Thurakit², RN, Darisa Sriclung², RN, Raveewan Sangprasert², RN, Jarin Ketthong³, B.PHARM, Sompop Kuljarusnont¹, MD

¹Department of Obstetrics and Gynecology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

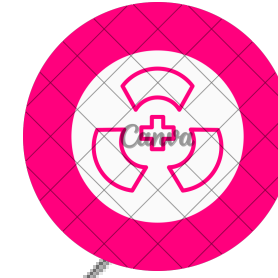
²Division of Obstetrics and Gynecology Nursing, Department of Nursing, Siriraj Hospital, Mahidol University, Bangkok, Thailand

³Department of Pharmacy, Siriraj Hospital, Mahidol University, Bangkok, Thailand



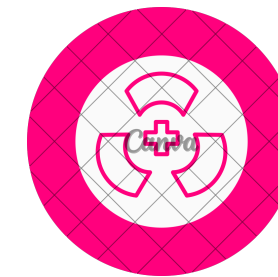
BACKGROUNDS

- **Postoperative ileus (POI)** following hysterectomy occurs in 10–40% of cases.
- **Milk of Magnesia (MOM)**, a laxative, has shown effectiveness in preventing ileus after both benign and malignant gynecologic surgeries.
- **Enhanced Recovery After Surgery (ERAS) protocol** is the standard of care, but there is limited data on the integration of MOM within ERAS.



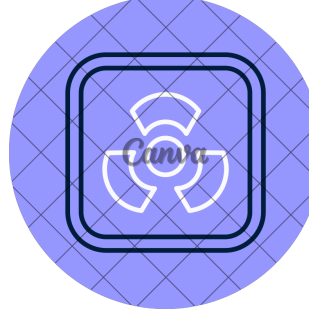
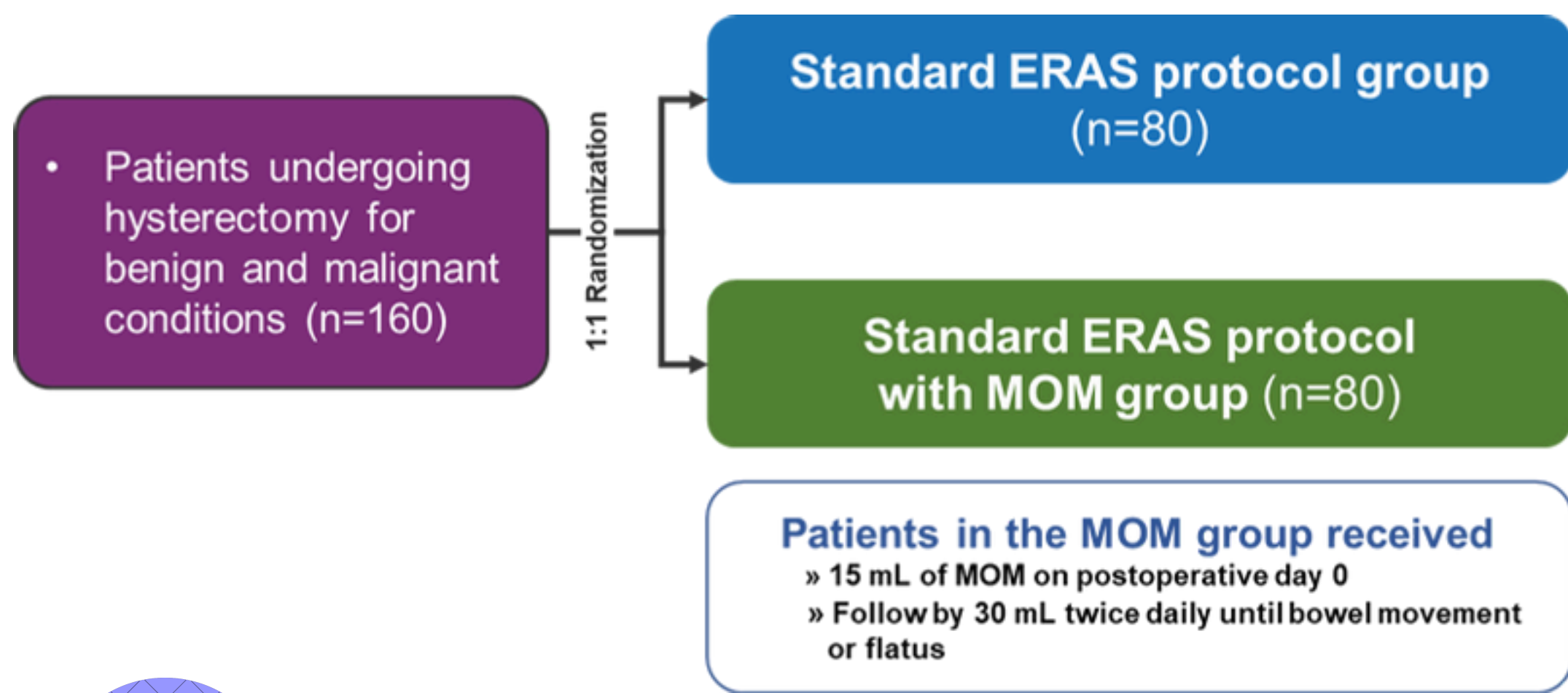
OBJECTIVES

- This study aims to evaluate the efficacy of adding MOM to the ERAS protocol to enhance postoperative bowel function.



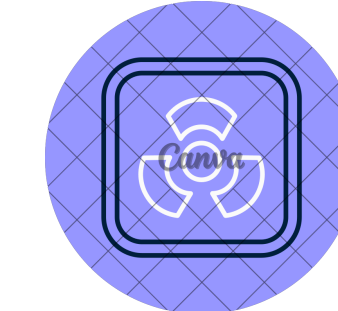
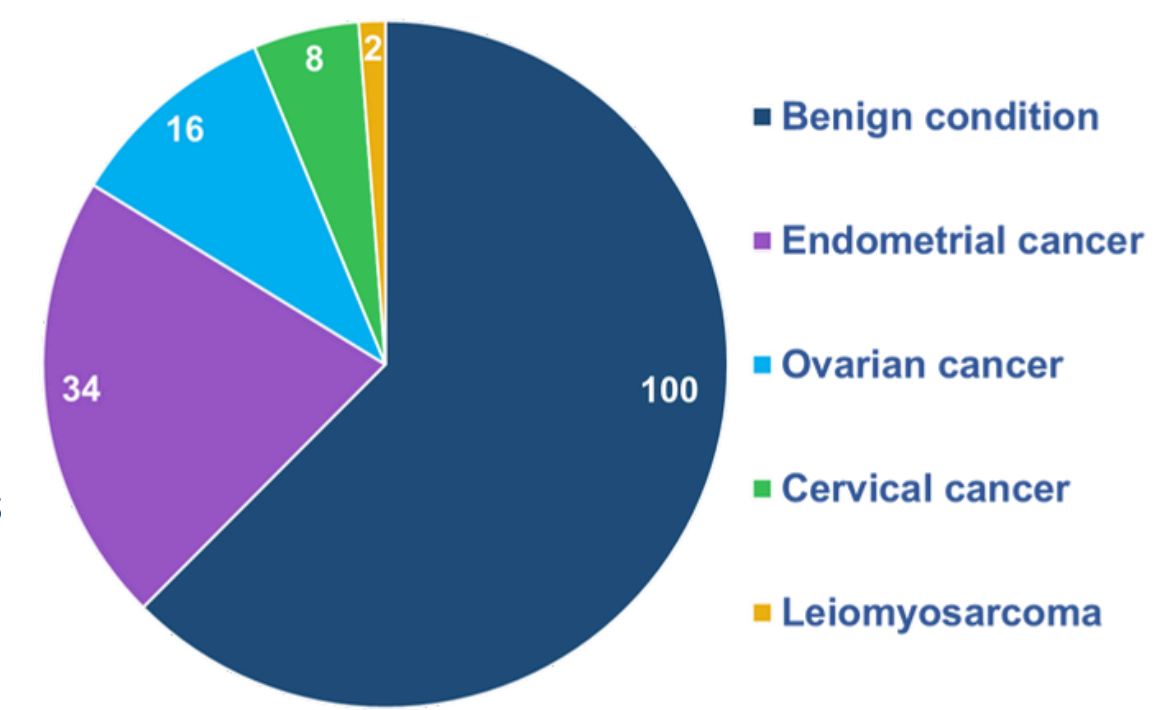
METHODS

- This study was conducted at the Gynecology Unit of Siriraj Hospital from September 2023 to February 2024.

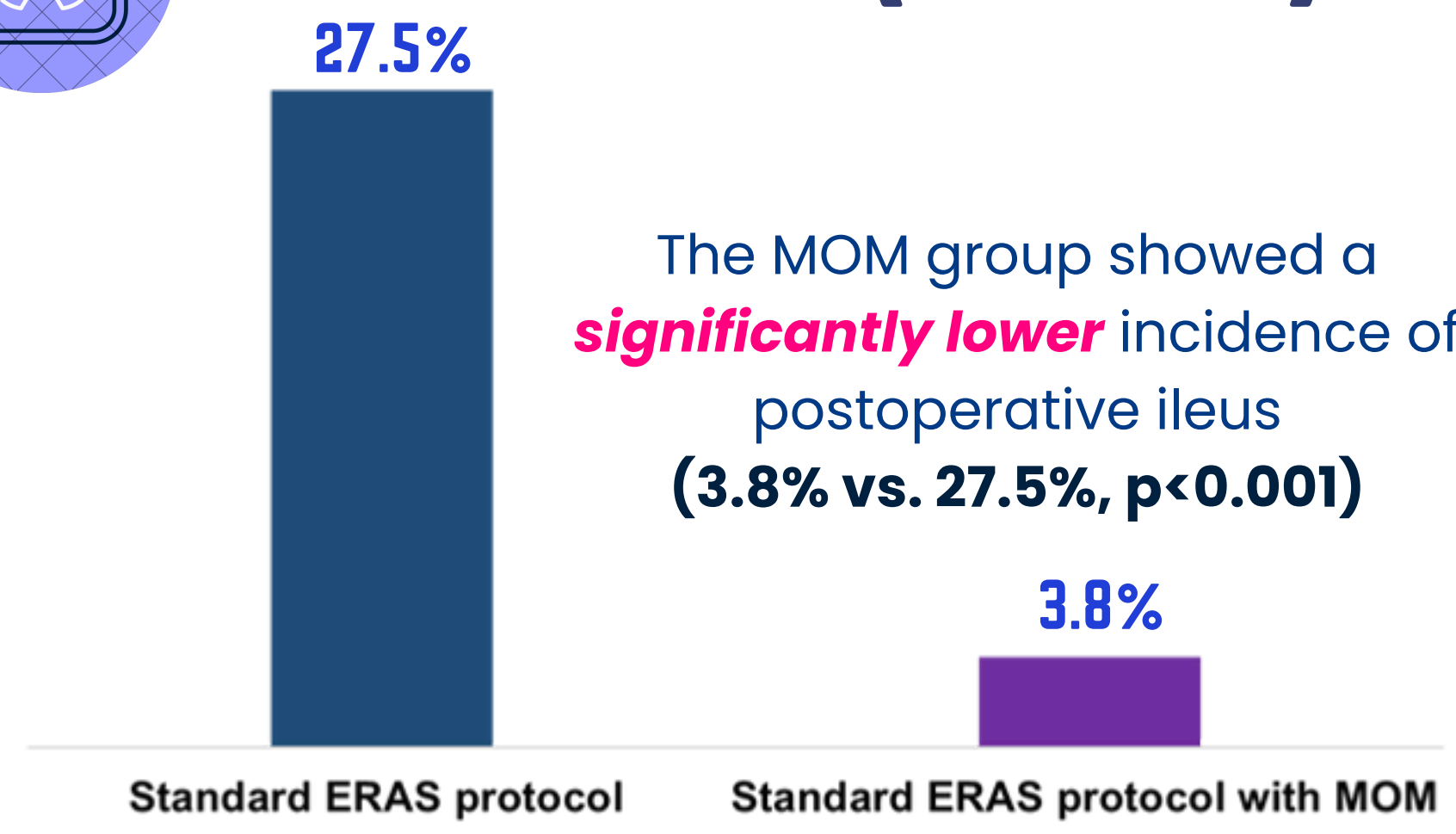


RESULTS

- A total of 160 patients were divided into two groups.
- **60 patients (37.5%) were diagnosed with gynecologic malignancies**

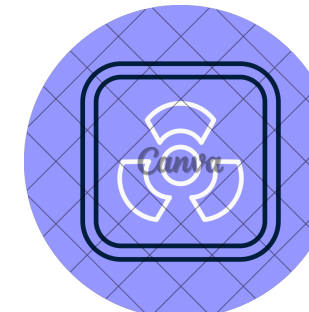


RESULTS (CONT.)



	Standard ERAS protocol	Standard ERAS protocol with MOM	P-value
Time to flatus (hours)	22.3 ± 10.8	17.1 ± 7.9	P<0.001
Solid diet tolerance (hours)	28.8 ± 16.3	20.6 ± 10.9	P<0.001

- Patient satisfaction scores related to eating and daily activities were also significantly improved.
- No severe adverse events were reported in the MOM group.



CONCLUSION

- Adding MOM to the ERAS protocol is effective in reducing the incidence of POI and enhancing recovery for patients undergoing hysterectomy for both benign and malignant conditions.