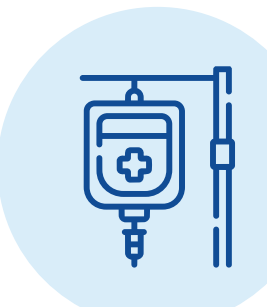


# PATIENT EXPERIENCE AND CLINICAL WORKFLOW IN INTRAPERITONEAL CHEMOTHERAPY FOR GASTRIC CANCER: A NURSING PERSPECTIVE

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## BACKGROUND



Intraperitoneal (IP) chemotherapy is an emerging treatment option for selected patients with advanced gastric cancer and peritoneal metastasis.



Oncology nurses play a key role in coordinating care, monitoring treatment tolerance, and supporting patients throughout therapy.



This study describes patient experiences and the clinical workflow of IP chemotherapy from a nursing perspective in a quaternary private healthcare setting.



## METHODS

- ✓ Three patients with advanced gastric cancer and peritoneal metastasis received IP chemotherapy.
- ✓ Treatment included:
  - FLOT regimen every 3 weeks via 49-hour continuous infusion.
  - Weekly intraperitoneal paclitaxel administered over 2.5 hours.
- ✓ Oncology nurses were actively involved throughout treatment delivery.



## NURSING RESPONSIBILITIES

- Pre-treatment assessments
- Verification of laboratory parameters
- Aseptic port access
- Monitoring patients for complications:
  - Infection
  - Catheter malfunction
  - Abdominal pain
  - Ascites
- Patient positioning during and after infusion to support optimal intraperitoneal drug distribution
- Structured post-treatment observation for early detection of adverse events



## RESULTS



### PATIENT EXPERIENCES

- Abdominal discomfort
- Bloating
- Fatigue
- Episodic abdominal pain
- Anxiety and uncertainty



### NURSING INTERVENTIONS MADE A DIFFERENCE

- Consistent education
- Appropriate positioning during infusion
- Close monitoring for complications
- Psychosocial support and reassurance
- Clear communication throughout treatment



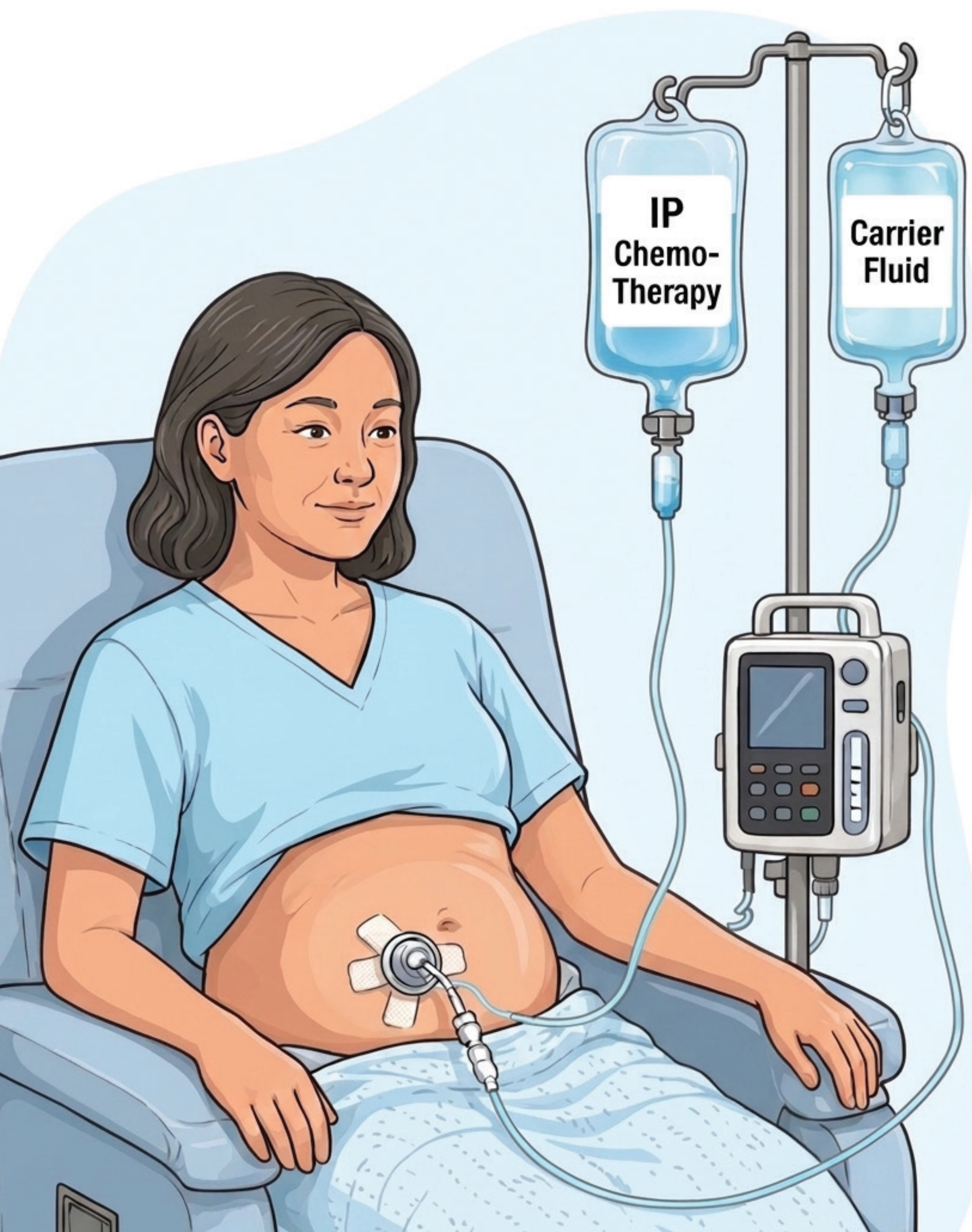
## OUTCOMES

- Improved patient confidence
- Better treatment tolerance
- Increased overall satisfaction



## CONCLUSION

- ✓ IP chemotherapy requires a structured workflow and comprehensive nursing care.
- ✓ Oncology nurses play a vital role in ensuring treatment safety, symptom management, and psychosocial support.
- Effective nursing interventions
- ✓ enhance patient experience and adherence to therapy.



## KEY MESSAGE

Comprehensive nursing care—including education, monitoring, positioning, and psychosocial support—is essential for the safe delivery of intraperitoneal chemotherapy and improved patient outcomes.