

# Perception of Learning Experiences with Simulated Paronychia Moulage in Advanced Nursing Education

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## Background

**MEDICAL MOULAGE** in simulation is the art of mimicking realistic medical conditions and is crucial for enhancing experiential learning in nursing education.

Effective moulage techniques promote competent procedural skills in advanced practice nursing (APN) programs.



## Paronychia

 is a common nail disorder that affects women more than men (3:1)

**35%** accounts for 35% of hand infections

Our **paronychia** scenario allows nursing students to develop diagnostic and treatment competencies through simulation.

## INNOVATION!



We developed a prototypical clinical model for simulating paronychia treatment. No commercial products were available for our purposes.



This study aimed to explore students' perceptions of:

1 Realism, engagement, and skill improvement provided by the simulation

2 Their confidence levels before and after the training

## Methods



Thirty-seven advanced practice nursing students participated in the training & perception survey.

The two-part survey included: a Likert scale (1-5) assessing realism, engagement, and skill improvement, and a rating scale (1-5) measuring confidence before and after the training.

## Results

With a 70.1% response rate, 92% of students strongly agreed that the simulated finger provided a realistic learning experience and improved their clinical skills.



Students' confidence levels increased from 1.73 to 4.23 on the rating scale.

## Conclusion



These findings highlight the importance of moulage in paronychia simulation. It bridges the gap between theoretical knowledge and practical application and enhances student engagement and skill development.

Incorporating moulage in nursing education enriches the learning experience by preparing future nurses to deliver high-quality, compassionate care that ultimately improves patient outcomes.