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## Biography

Isoo Yoon, has completed her BS in Human Biology in 2022 from the University of California, Irvine and is currently a second-year medical student at the University of South Florida, Morsani College of Medicine.

## Pediatric Teledermatology: Best Practices

### Abstract:

Pediatric teledermatology is a rapidly evolving field that enhances access to dermatologic care through telehealth services. Due to recent accelerated use, best practices to optimize diagnostic accuracy, patient satisfaction, and efficiency continue to be explored and adapted. This poster aims to educate dermatologists on effective utilization in pediatric dermatology to improve outcomes, focusing on photo acquisition, professionalism, and accurate history-taking, ensuring that quality care translates to a telehealth environment. Image quality plays a critical role in the success of teledermatology. The use of standardized protocols to elevate image quality should include using proper lighting, maintaining a clean background, and incorporating identification tools. These guides can significantly improve diagnostic concordance rates between in-person visits and teledermatology by 82% to 89%. Poor image quality is a frequent contributor to diagnostic challenges in teledermatology, affecting 26.4% of asynchronous telemedicine cases. Maintaining professionalism, privacy, and clear communication during teledermatology encounters is essential for optimizing patient experience and outcomes. The use of appropriate equipment, a clinically suitable environment, and positive body language helps to replicate the standards of in-person visits. Gathering background information such as travel history, family history, immunization status, and weight-based dosing are also crucial in pediatric teledermatology assessments to enhance the accuracy of the consultation. To create a stellar pediatric teledermatology experience, it is vital to adhere to best practice protocols and leverage available resources to continually improve care. By implementing these strategies, pediatric teledermatology can provide high-quality, cost-effective, efficient care, reduce unnecessary inperson visits, expand access to dermatologists, and maintain diagnostic accuracy.