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Resumo	<p>Introduction: The study evaluated the safety and efficacy of a treatment that combines nail debridement with the use of acrylic gel nails carrying terbinafine at a concentration of 2%. Methods: Patients that had hallux onychomycosis with clinical forms whose treatment involved the need for nail debridement were enrolled. After the debridement procedure, a nail prosthesis made with acrylic reconstruction gel and 2% terbinafine was applied. The procedure was renewed every 2 weeks for 11 months. Direct mycological examination and fungal culture were performed at the beginning of the study and 30 days after applications were interrupted. Assessment of clinical response, clinical cure, mycological cure, and complete cure was performed at the end of the study. Results: Among the study participants, 5/15 still presented positive fungal culture in the presence of a negative direct mycological examination and 1/15 presented a positive direct mycological examination, but with a negative culture. Among those with a positive fungal culture, 3/15 participants presented microorganisms different from those isolated in the initial exams. Regarding cure, 5/15 participants showed a clinical response, 4/15 clinical cure, and 3/15 complete cure. No patient presented an allergic reaction or local irritation caused by the material used in the treatment. There were accidental superficial ulcerations caused by the electric sandpaper; however, no wound developed secondary infection. Conclusion: The application of terbinafine in acrylic reconstruction gel for the manufacture of nail prostheses applied after debridement of moderate and severe forms of onychomycosis showed low efficacy as an isolated treatment in patients on dialysis due to chronic kidney disease. On the other hand, most patients had a good perception of the appearance of their nails during treatment, even when it did not result in apparent clinical improvement or complete cure.</p>
Fomento	