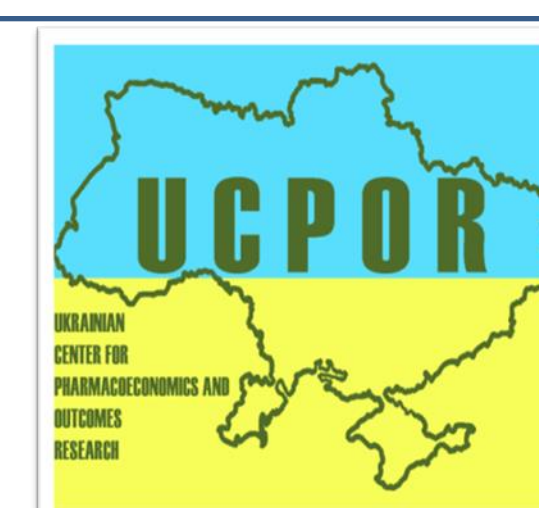




PERCEPTION OF UKRAINIAN PHARMACISTS REGARDING ANTIFUNGAL NAIL LACQUERS



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INTRODUCTION

Antifungal nail lacquers are topical OTC pharmaceutical products that have been found to be useful in the treatment of onychomycosis. Since pharmacists are healthcare professionals most accessible to public, they participate in the health-promoting programs by recommending the proper OTC medicines and counseling patients at the time of medicines dispensing.

AIM OF THE WORK

to assess knowledge, attitude, and practice of pharmacists toward OTC antifungal nail lacquers



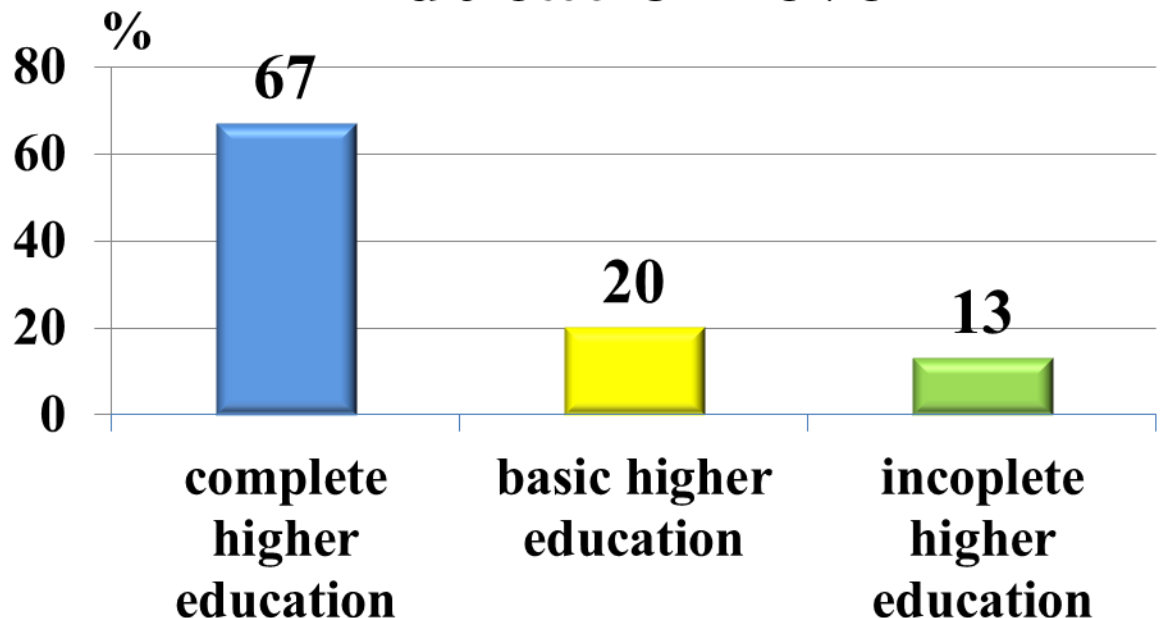
survey was carried out during March, 2019 in the form of questionnaire that was sent to pharmacists in Western region of Ukraine using Survey Monkey app.

METHODS

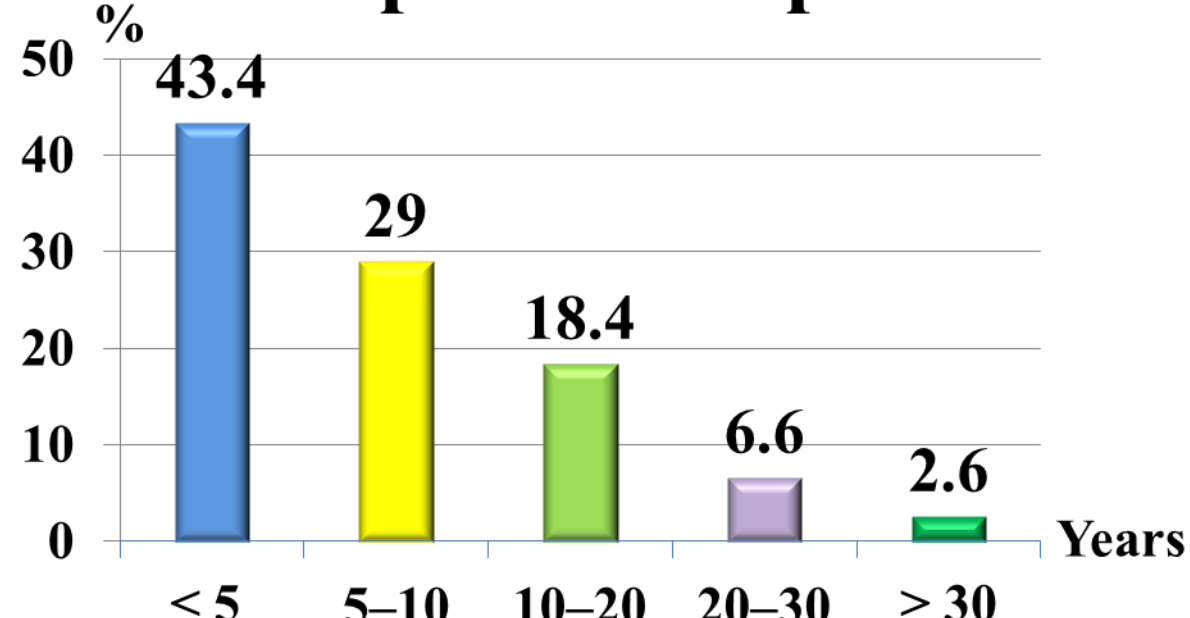
RESULTS

Total of 76 pharmacists took part in the survey

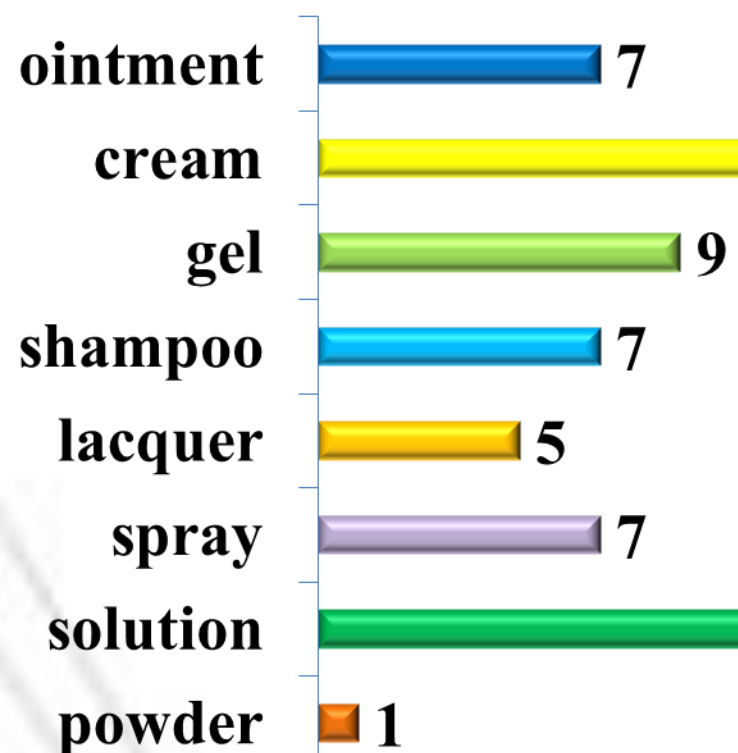
Education level



Occupational experience



Topical antifungals registered in Ukraine (2019/10)



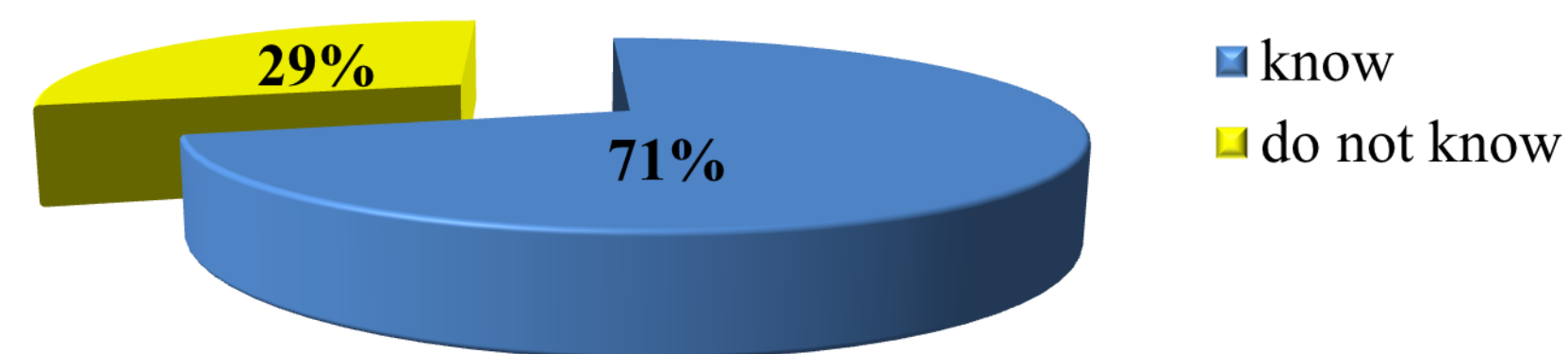
Registered nail lacquers

API	Number
Amorolfine	4
Ciclopirox	1

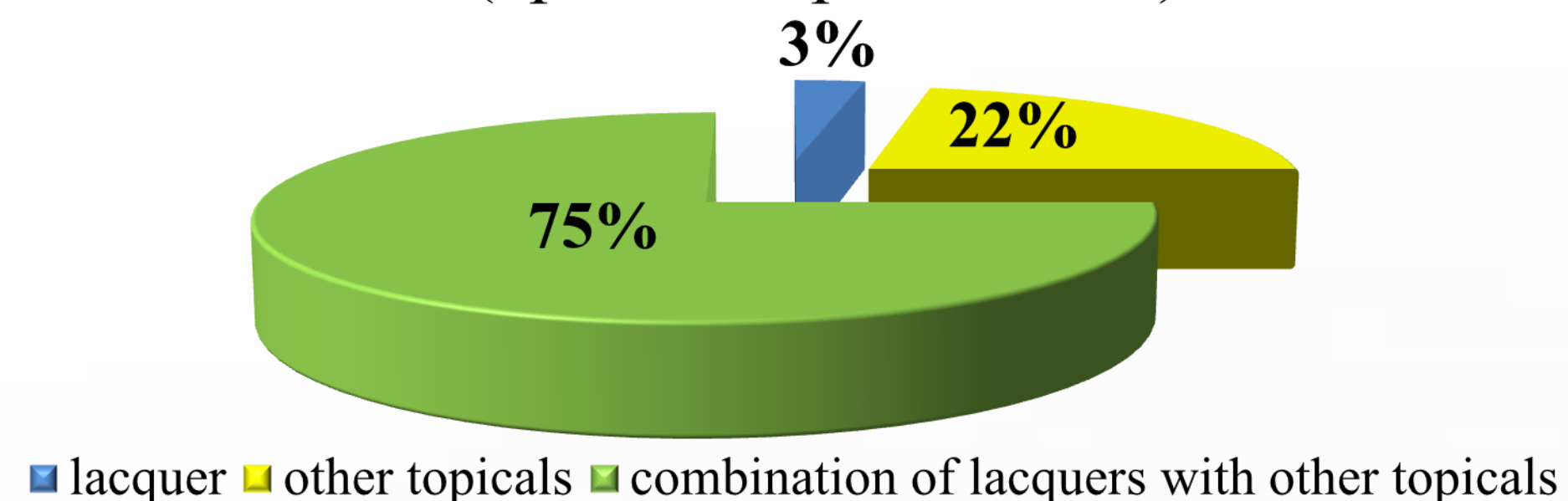
Recommendations for topical treatment of onychomycosis by clinical protocol:

- to remove infected nail plate;
- to apply either antifungal nail lacquer (ciclopirox, amorolfine) or other antifungal topical preparations on the nail bed

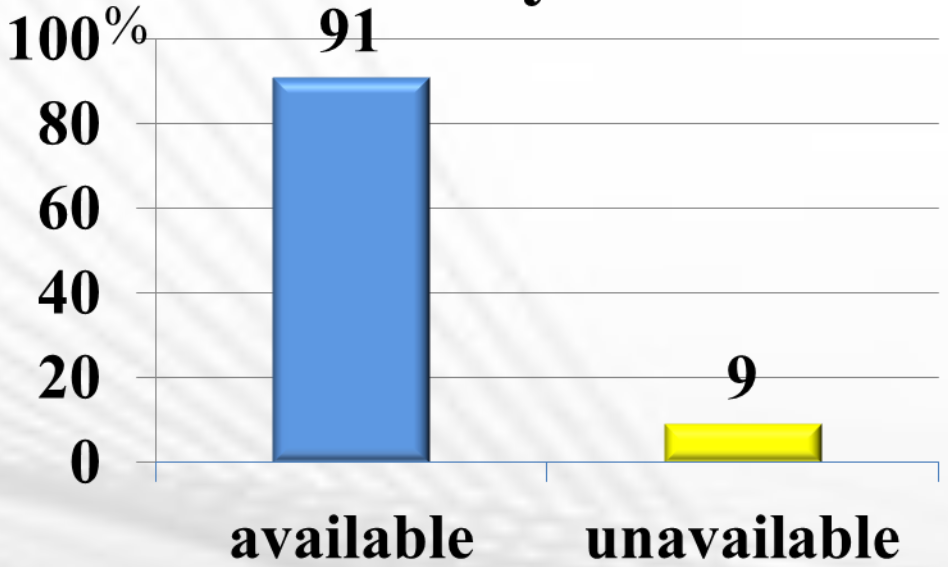
Awareness of pharmacists on these recommendations



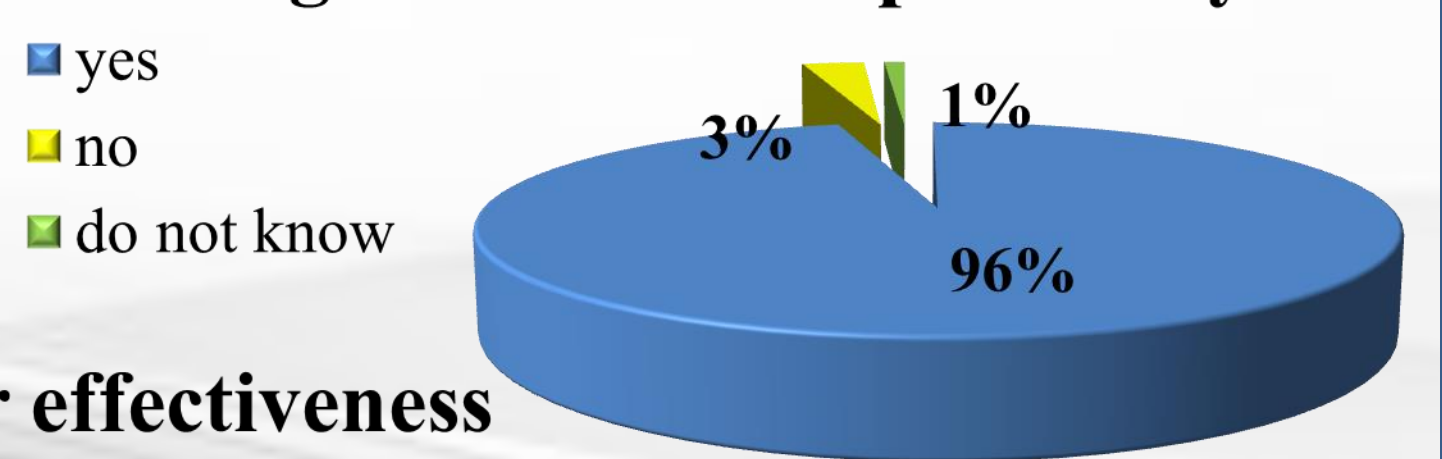
Preferences of physicians for topical antifungals in treatment of onychomycosis (opinion of pharmacists)



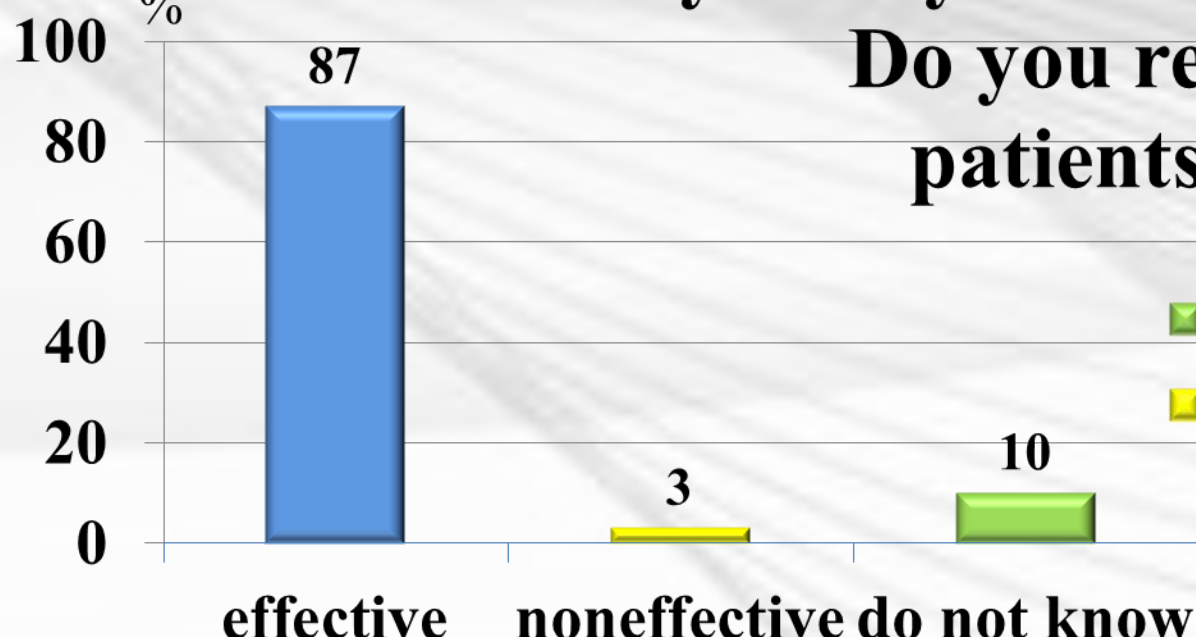
Availability of antifungal lacquers in pharmacy



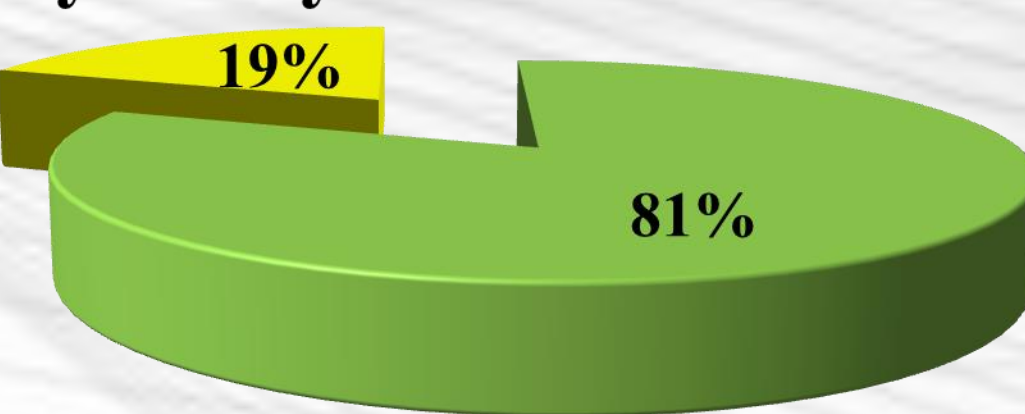
Should the lacquers be included in the drug assortment of pharmacy?



Assessment of the lacquer effectiveness for onychomycosis



Do you recommend antifungal lacquers to patients for onychomycosis treatment?



Medicated nail lacquers – pharmaceutical products for topical use that are viscous liquids containing one or more active pharmaceutical ingredients in a suitable solution of film-forming substance.

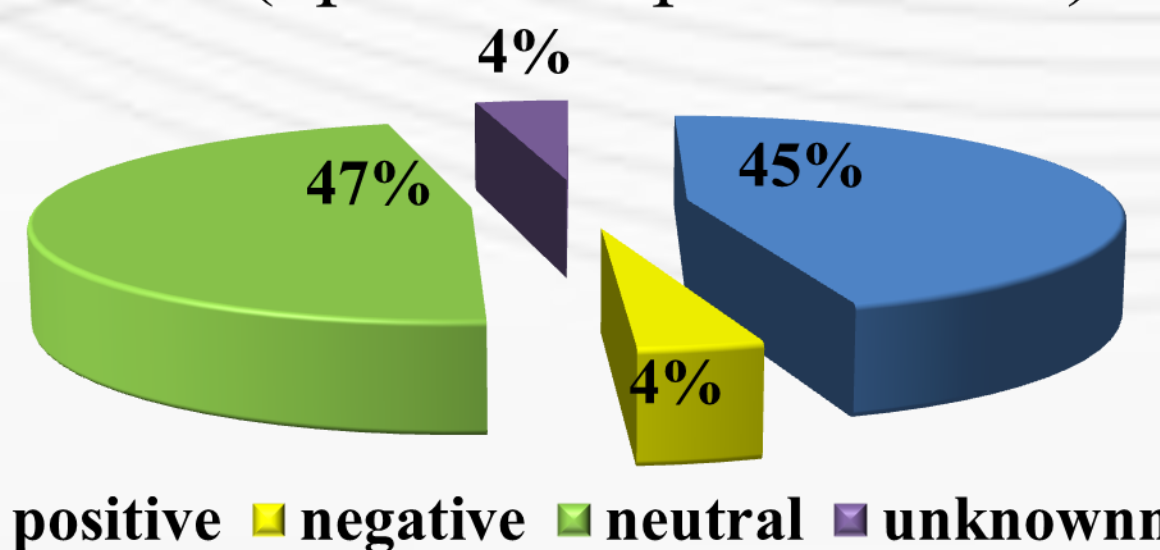
After the lacquer dried, a thin film is formed that provides prolonged drug release and protects the nail surface from the external impacts.

**Vashchenko O., Kalynyuk T. Standardization features of medicated nail lacquers. Management, economics and quality assurance in pharmaceuticals 2011; 3(17):6-9.*



Antifungal nail lacquers possess both therapeutic and cosmetic properties

Attitude of male patients to nail lacquers (opinion of pharmacists)



CONCLUSIONS

- Pharmacists insist on their awareness about the recommendations of clinical protocol to topical treatment of onychomycosis.
- Antifungal nail lacquers are available in Ukrainian pharmacies and pharmacists consider that lacquers should be in the pharmacy assortment.
- Pharmacists think that men are rather neutral to cosmetic effect of antifungal lacquers.
- Pharmacists assess antifungal lacquers to be effective preparations and recommend them for onychomycosis treatment.