

Dr. Onycure - Antimicrobial Nail Polish for Prevention and Treatment of Onychomycosis

Onychomycosis is a common fungal infection of the nails, affecting approximately **5.5% of the population**. Infection is facilitated by microtrauma to the nail-skin barrier and by warm, moist environments. Conventional treatments often rely on the use of biocides with low cure rates, leading to frequent recurrence and concerns related to antimicrobial resistance (AMR).

Dr. Onycure is a **water-based, non-skin-toxic** to skin and **biocide-free** antimicrobial **nail polish** that **effectively neutralises** fungi and other microbial species by **physically disrupting** the outer membrane/envelope, eliminating the risk of biocides and **preventing associated side-effects**. A preliminary clinical study suggests measurable improvement within 2 months.

Starcrafted Company Limited
(EdUHK EASE Fund)

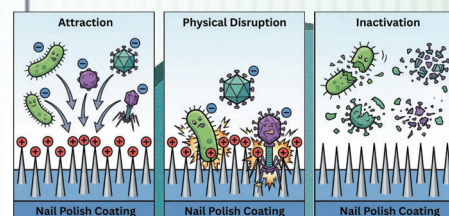
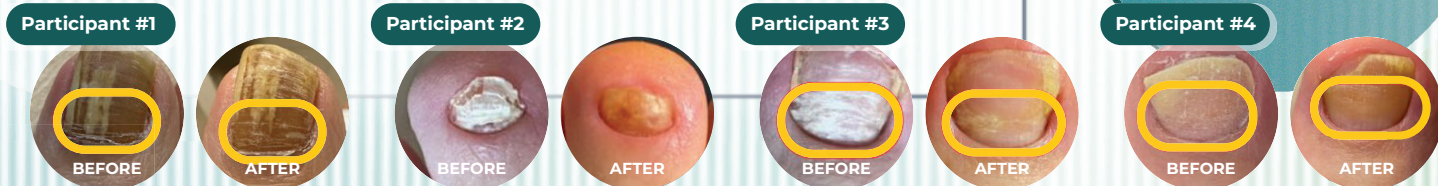


Figure. 1 Neutralisation of fungi and other microbial species through physical disruption of the outer membrane/envelope by Dr. Onycure Antimicrobial Nail Polish



FEATURES AND ADVANTAGES

>99.999% broad spectrum **microbial** (fungi, bacteria and viruses) **reduction** in laboratory testing

01

Safe, non-skin toxic in pre-clinical study

02

Preliminary clinical evidence shows **improvement in newly grown nail** within **2-months**

03

Long-wear nail polish forms a **protective coating** for **durable antimicrobial** activity

04

Biocide-free formulation **reduces** the risk of **AMR** and associate side-effects

05

FUTURE DEVELOPMENTS

- Complete a **comprehensive clinic study** to strengthen clinical evidence in efficacy
- Acquire management system certification of **ISO 13485** and **medical device registrations**
- Introduce **colour versions** to mask discoloration of onychomycosis

