

MOXIDECTIN

Medicines Development
for Global Health
The Not-For-Profit Pharmaceutical Company

20
YEARS

Towards a simplified scabies treatment

Clinical development of a new single-dose oral
treatment that has the potential to enhance patient
compliance, alleviate suffering, and contribute to
reducing the prevalence and transmission of scabies.



**400+****MILLION**
people are affected
each year¹**200+****MILLION**
cases at any one
time¹**5.3****MILLION**
years of healthy lives
lost due to disease²

The global burden of scabies

Scabies is one of the most common contagious skin conditions, affecting people of all ages and backgrounds, worldwide.

It is especially common in tropical regions and spreads most easily where people live close together or in vulnerable settings. But sporadic outbreaks are also frequently reported in institutional healthcare environments such as long-term care facilities and hospitals.

Scabies is a skin condition caused by tiny mites, often causing severe itching, impacting sleep and mental wellbeing. Scabies can also make the skin more vulnerable to bacterial infections, which in turn can lead to serious health conditions such as kidney disease and rheumatic heart disease.

Scabies is a potent source of stigma and reduces quality of life. It can lead to time away from work or school and create financial burden through the cost of accessing treatments and health care.

Even with greater awareness of how to diagnose and treat scabies, many regions are seeing rising numbers of cases in the community.



Scabies was recognised by the World Health Organization (WHO) as a Neglected Tropical Disease (NTD) in 2017. The WHO Roadmap for NTDs 2021-2030 targets scabies for control to reduce global disease incidence, prevalence and morbidity.³

Most existing treatments are not practical for treating scabies

MDGH, in partnership with Atticus Medical, is advancing the development of moxidectin as a single-dose oral treatment designed to simplify the management of scabies and improve health outcomes.

Current treatments are efficient but often cumbersome. Topical treatments require thorough head to toe application to all family members at the same time and for at least 8 hours. Both topical and oral treatment often require repeated dosing within a week or two. These practical challenges, combined with limited privacy, water access, and medicine availability in some communities, make it difficult to achieve treatment effectiveness.

MDGH is currently exploring the potential for moxidectin* as a single-dose oral treatment for individuals and communities affected by scabies.



PROGRESSING MOXIDECTIN CLINICAL DEVELOPMENT (FOR SCABIES)

Phase 2a (MDGH-MOX-2001) NCT03905265

A small international study conducted in Australia, Austria, and France involving 22 adults found that moxidectin effectively kills scabies mites and is well-tolerated.

Phase 2b (MDGH-MOX-2002) NCT05875441

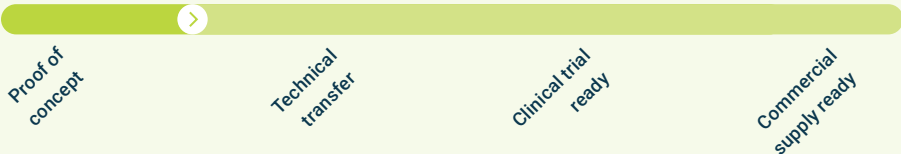
A larger study involving 200 adults across the United States, Honduras, El Salvador, and the Dominican Republic tested multiple doses. The study has now been completed, with data currently being analysed.

Next steps

Phase 3 trials are in development, with clinical sites and community support being actively sought to advance this new treatment option for adults and children.



Pediatric formulation development has commenced to support access to a broad patient population.



Dr Victoria Ryg-Cornejo, Project Leader for the scabies program, visited clinical trial sites in Honduras, Dominican Republic, Puerto Rico and the United States to gain a first-hand look at the progress for the Phase 2b study. Victoria is shown here meeting with one of the study Investigators, Dr Elizabeth Barranco and her team at CAIMED Center, Ponce Research Institute, Puerto Rico.

Moxidectin aims to:



OFFER A ONE-TIME TREATMENT



SIMPLIFYING ADMINISTRATION



IMPROVING COMPLIANCE



AND ENABLING BETTER ACCESS IN COMMUNITIES

Medicines Development for Global Health (MDGH) is a not-for-profit pharmaceutical company, developing medicines to ease the burden of neglected diseases on many of the world's most disadvantaged people and communities.

Together, we can improve lives in affected communities, and build a fairer, healthier, and more prosperous world.

Join us in making innovative medicines accessible to all!

Speak with our team about partnership opportunities today.

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1. World Health Organization, Fact sheet, Scabies. <https://www.who.int/health-topics/scabies>. (Accessed 5 November 2025)

2. Jiajia Li, Zehu Liu, Xiuqiao Xia. The disability-adjusted life years (DALYs), prevalence and incidence of scabies, 1990-2021: A systematic analysis from the Global Burden of Disease Study 2021. *PLoS Negl Trop Dis*. 2024 Dec 26;18(12):e0012775. doi: 10.1371/journal.pntd.0012775. eCollection 2024 Dec.

3. Ending the neglect to attain the Sustainable Development Goals: a road map for neglected tropical diseases 2021–2030. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO

* Disclaimer: Moxidectin is in development and not approved for treatment in Scabies in any country or region

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