



GUIDE TO PHASES OF CLINICAL DEVELOPMENT

Clinical trials are required research studies designed to rigorously evaluate potential new medicines and reevaluate existing ones to ensure they are safe and effective. Below is a brief overview of the step-by-step process these potential medicines go through before they are made available to the public.

PRE-CLINICAL TESTING

Before a new treatment is ever given to human volunteers, it undergoes non-human studies. This pre-clinical phase helps researchers understand how medicine works biologically and provides crucial early information regarding its baseline safety.

PHASE 1

In this initial human phase, the investigational medicine is given to a small group of volunteers. The primary goal is to carefully assess its overall safety, identify any potential side effects, and determine the safest dose range.

PHASE 2

The potential medicine is introduced to a larger group of participants who actually have the specific condition the drug is intended to treat. This phase focuses on evaluating how well the therapy works (its efficacy) while continuing to closely monitor its safety profile.

PHASE 3

In this pivotal phase, the drug is tested in a much larger and broader population over a more extended period. The goal is to obtain final confirmation of the drug's safety and efficacy, often by comparing it to existing standard-of-care treatments to confirm it has a distinct advantage or is more effective.

Our Commitment

NS Pharma is committed to advancing innovative, life-changing medicines and supporting patients and their caregivers through every stage of the clinical development journey.