

# Randomization And Treatment Allocation System - RTSM

**The Only Biostatistics-Driven RTSM**



## Faster Deployment of Your Studies

By combining IDDI's statistical expertise with CLARIO's RTSM know-how, we ensure your studies are configured in the most reliable & efficient way, securing your trial integrity.

- Supports all types of randomization scenarios (Fixed, dynamic, multi-stage, adaptive)
- Configurable and customizable
- Supports all protocol designs
- Support for mid-study changes in days and with no downtime
- Fast implementation of protocol amendments
- Fast delivery: four to seven weeks
- Direct integration with IDDI EDC ID-base (Marvin) and Rave (Medidata)
- Interoperable with any third-party eClinical systems
- Supports complex trial supply algorithms
- Flexible reporting options

**CLARIO.**

## The only biostatistics-driven RTSM

Our statisticians are involved from start to end to provide the most appropriate randomization methodology and follow up.

### Study design

The biostatistician:

- Defines the randomization method in the protocol
- Defines the stratification factors in the study protocol, with a medical expert
- Runs random simulations to see the distribution of the subjects per stratification factor

### Study setup

- Randomization algorithm re-validation
- Ensures correct implementation of the randomization based on the protocol
- Drug kit allocation validation
- Ensures correct allocation of drug/dose based on the assigned treatment group & the defined schedule in the protocol

### Study follow-up

- Randomization balance check
- Drug kit allocation accuracy check



IDDI is a trusted clinical data science partner. With 35+ years of research-driven experience, we combine therapeutic expertise, biostatistical leadership, and regulatory insight to mitigate risk from design to registration and beyond. We deliver uncompromising excellence in biostatistics, strategic consulting, clinical data management, IDMCs, and supporting eClinical technologies, because when every data point represents a patient, perfection is the only option.