



Providing Sterilization & Laboratory Services for the world's most innovative healthcare companies.

## From the Blog

### Product Packaging Solutions

June 8th 2026

Before a medical device reaches industrial production, development activities require packaging configurations capable of supporting product protection, transportation, sterilization evaluations, laboratory testing, and clinical preparation.

At the pre-clinical stage, packaging configurations may evolve alongside product dimensions, material selection, device configurations, and study requirements.

Product packaging contributes to product protection, traceability, sterilization compatibility, handling conditions, and preparation for future industrialization activities.

At Medistri, product packaging services are integrated within manufacturing, sterilization, laboratory, and logistics infrastructures to support medical device manufacturers during development phases.

Following product assembly, packaging activities support transportation, sterilization evaluations, laboratory testing, storage conditions, and clinical preparation.

Pre-clinical packaging configurations must support product modifications, packaging revisions, and evolving development requirements throughout project phases.

#### Packaging Support During Pre-Clinical Development

During medical device development, packaging configurations support multiple project activities, including:

- Prototype devices
- Engineering samples
- Feasibility studies
- Verification testing
- Sterilization evaluations
- Transportation simulations
- Clinical preparation

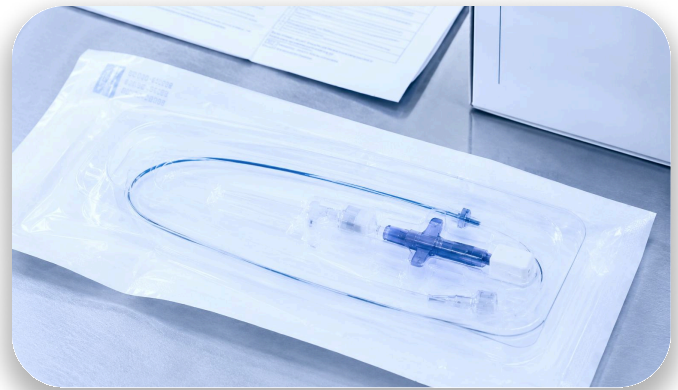
Pre-clinical packaging operations support low-volume configurations, packaging modifications, evolving product dimensions, and changing study requirements during development activities.

#### Flexible Packaging Configurations

Medistri supports packaging configurations adapted to medical device development requirements. Depending on product characteristics and project objectives, packaging solutions may include:

- Medical-grade pouches
- Tray packaging
- Protective packaging systems
- Customized kit organization
- Secondary packaging configurations
- Small-batch packaging operations

Packaging activities are defined according to product dimensions, material characteristics, sterilization requirements, and transportation conditions.



#### Labeling and Traceability

Product identification and traceability remain part of development activities throughout pre-clinical phases. Packaging operations may include:

- Sample identification
- Batch traceability
- Study-specific labeling
- Customer-specific references
- Documentation integration

These controls support product organization throughout testing, sterilization, storage, and transportation activities.

#### Sterilization-Compatible Packaging Preparation

Packaging configurations influence the preparation of products intended for sterilization studies. Packaging materials and configurations may influence:

- EO penetration
- Steam sterilization compatibility
- Product protection during sterilization
- Post-sterilization handling
- Transportation following sterilization

Because Medistri combines packaging and sterilization activities within a single infrastructure, packaging configurations can be prepared according to sterilization compatibility requirements during development phases.

#### Packaging Support for Evolving Product Configurations

Medical device development projects involve design modifications, material updates, configuration changes, and revised study requirements throughout development phases.



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#### Supporting Medical Device Development Activities

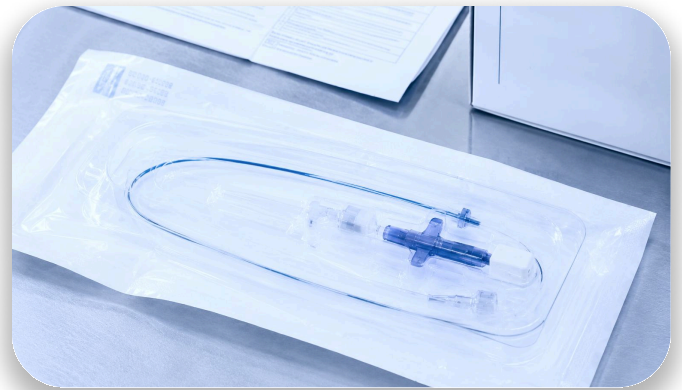
Product packaging activities begin before commercial distribution and industrial production phases. During medical device development, packaging configurations support product protection, traceability, sterilization preparation, transportation conditions, and testing activities.

Through packaging operations integrated with manufacturing, sterilization, laboratory, and logistics services, Medistri supports medical device manufacturers throughout development and industrial preparation phases.

To learn more about Medistri's Manufacturing services, visit our website [here](#) or contact our team at [contact@medistri.com](mailto:contact@medistri.com).

– The Medistri Team

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Packaging operations may therefore support:

- Packaging modifications
- Multiple packaging versions
- Low-volume production
- Product configuration changes
- Updated project timelines

These packaging activities support development projects prior to industrial packaging implementation.

#### An Integrated Development Infrastructure

Packaging activities remain connected with multiple development operations throughout medical device projects. At Medistri, product packaging solutions can be coordinated alongside:

- Product assembly
- Sterilization services
- Laboratory testing
- Validation preparation
- Logistics support

This integrated infrastructure supports coordination between development activities within a single operational environment.