Medistri

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

From the Blog

Cleaning & Reprocessing

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In regulated manufacturing environments, cleaning and reprocessing play a critical role in ensuring that materials and products can safely and consistently progress through downstream operations. These activities directly support product quality, process reliability, and regulatory compliance across a wide range of healthcare manufacturing services.

At Medistri, cleaning and reprocessing are integrated within our Manufacturing Services as part of a structured and controlled workflow, supporting components, sub-assemblies, kits, and finished products throughout their manufacturing lifecycle.

Defined Upstream Evaluation
Materials received into the manufacturing department may originate from different suppliers, processing stages, or transport conditions. As a result, their initial state can vary significantly. Rather than applying systematic cleaning or disinfection, Medistri follows a defined evaluation phase to determine the appropriate approach. This assessment may include documentation review, visual inspection, and laboratory analyses such as bioburden testing.

The outcome of this evaluation defines whether cleaning, reprocessing, or controlled handling is required before further manufacturing activities. This data-driven approach ensures that each processing step is technically justified and aligned with product requirements.

Controlled Cleaning & Reprocessing Activities
When required, cleaning and reprocessing activities are performed according to established procedures adapted to the product configuration, materials, and regulatory context. These activities are designed to control particulate, microbial, or chemical contamination while preserving product integrity.

Operations are carried out under quality oversight and, where applicable, within controlled environments. All activities are documented to ensure traceability, consistency, and repeatability across batches.

Supporting Development and Routine Manufacturing
From early development activities to routine manufacturing operations, Medistri adapts cleaning and reproc essing strategies to product maturity and process complexity. As manufacturing processes evolve, approaches can be refined and validated to ensure long-term robustness and alignment with regulatory expectations.

To learn more about Medistri's Manufacturing Services, please visit our website here or contact our team at contact@medistri.com.

— The Medistri Team

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Seamless Transition to Manufacturing Operations
Cleaning and reprocessing are closely connected to downstream manufacturing activities. Once materials are released by the Quality team, they transition into assembly, packaging, or preparation for sterilization according to defined workflows.

By integrating cleaning, reprocessing, assembly, packaging, and sterilization readiness within a single operational framework, Medistri ensures continuity across manufacturing steps while reducing interfaces and operational complexity.

Quality Oversight and Documentation
All cleaning and reprocessing activities are embedded within Medistri's quality management system. Procedures, records, and release criteria are defined to support internal controls, audits, and regulatory inspections. This structured framework provides clear visibility on process execution and decision-making, ensuring that manufacturing activities remain controlled and compliant at every stage.