



### **IS 3992:1982 Specification for trays, kidney**

IS 3992:1982 specifies the requirements for kidney trays, essential tools in healthcare used for collecting waste, holding instruments, and containing fluids during procedures. The standard outlines material, design, hygiene, and labeling specifications to ensure durability, safety, and compatibility with medical environments.

Kidney trays must be made from **corrosion-resistant**, durable materials, typically stainless steel, suitable for repeated sterilization. Alternative materials may be used if they meet hygiene and durability requirements. The surface of the tray should be smooth and non-porous, allowing easy cleaning and minimizing contamination risk.

The tray's unique kidney shape allows it to fit closely to a patient's body, minimizing spillage and enhancing ease of use. Standard dimensions specified in IS 3992:1982 ensure uniformity, making the trays compatible with various medical procedures and equipment.

The standard requires that kidney trays be able to **withstand high-temperature sterilization**, such as autoclaving, without losing quality. This ensures that the trays can be used repeatedly in sterile environments, crucial for patient and provider safety.

To ensure safe handling, the trays must have smooth, rounded edges, preventing injuries during use. The design should facilitate easy maneuverability and handling around patients, reducing contamination risks and enhancing the safety and effectiveness of medical procedures.

Each tray must have clear markings with the manufacturer's name, batch number, and other relevant identification. These markings should remain legible after multiple sterilization cycles to ensure traceability and uphold quality standards.

IS 3992:1982 ensures that kidney trays are reliable, hygienic, and safe for repeated use in healthcare.