Elcam MEDICAL

YOUR SOURCE OF CONSISTENT QUALITY & CARE

SafeT™ Stopcocks and Connectors

Lipid Resistant Product Line

Enhancing patient and caregiver safety with new Tritan™ integrated products

The potential for Environmental Stress Cracking (ESC) is a well-known concern when plastics are used in medical device components. The use of lipids and other aggressive solutions may initiate microcracks in the polymer and compromise the material's mechanical integrity. This event may lead to serious patient injury and also jeopardize medical personnel.

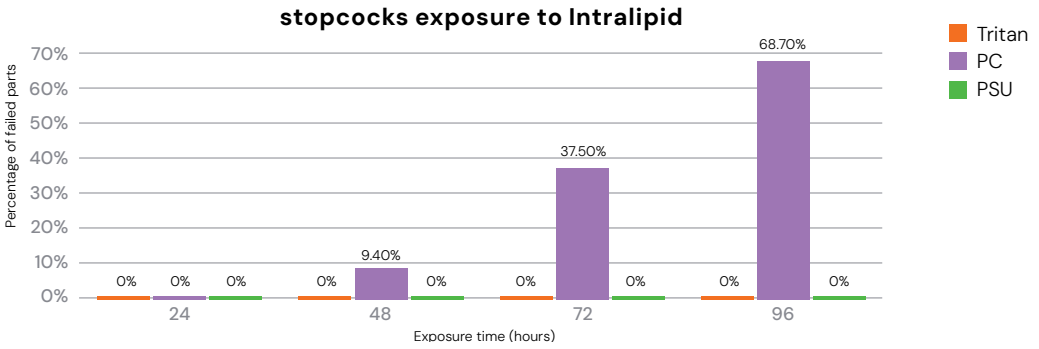
Elcam Medical's new Tritan™ integrated SafeT™ Stopcocks and Connectors provide safer treatment through enhanced lipid and chemical resistance.

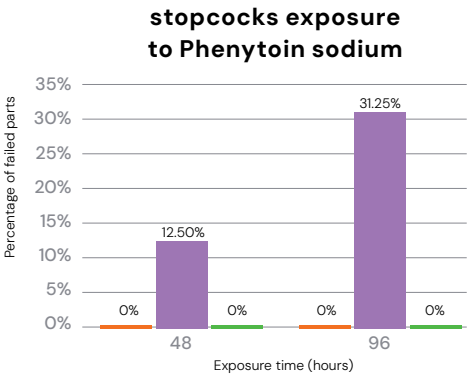
Lipid Resistance | Devices | Stopcocks | Accessories

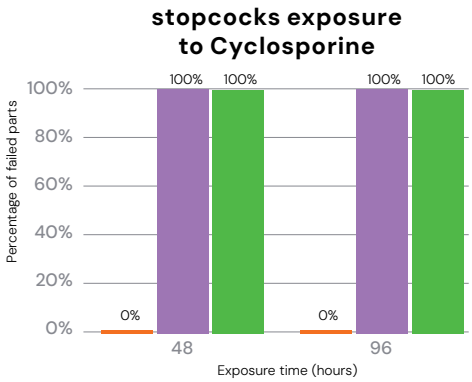
Tritan™ is a new-generation copolyester that has been shown in bench-top testing[1] to be resistant to a large spectrum of medical fluids such as oncology drugs, lipids, drug carrier solvents, and nutrition which minimizes the risk of cracking and increases patient safety.

Elcam Medical has developed a new series of Lipid Resistant connectors and devices made of Eastmam Tritan™ copolyester providing increased safety in drug therapy providing protection to patients and care givers from connectors' erosion by lipids and other aggressive drugs.

Results of drug resistance laboratory tests conducted by Elcam[2]







The Tritan™ benefits:

- Increased durability to lipids, disinfectants and aggressive drugs
- Minimization of Environmental Stress Cracking (ESC)
- Reduction in ESC related patients' adverse events:
  - Medication discontinuation
  - Blood loss
  - Air ingress and air embolism
  - Bacteria ingress and subsequent blood stream infection
  - Dehydration
- Decrease in ESC related medical teams adverse events:
  - Exposure to blood and bodily fluids
  - Exposure to hazardous drugs
- BPA-free products (Excellent match for Elcam's Enteral Feeding Stopcocks)
- Post sterilization color stability – both Gamma and ETO

[1]Eastman Tritan copolyester - Chemical compatibility with hospital disinfectants and oncology drugs; Eastman
[2]Stopcock Drug Resistance test , Elcam Medical,PRJ-0025 Design Test Document, Doc-099094, Rev-C

Elcam MEDICAL
Where everything connects

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