

## Checklist for Follow-Up on Sterilization of Towels and Replacement with Disposable Sets for Cardiac Surgery

No	Step	Achieved	Not Achieved
1.	<b>Pre-cleaning and inspection</b> <ul style="list-style-type: none"><li>✓ Thoroughly cleaned to remove dirt, debris, or organic matter</li><li>✓ Towels should be visually inspected to ensure they are free of any tears, holes, or fraying or foreign materials</li><li>✓ Identify stains or discoloration</li><li>✓ Isolate any towels with defects, mark defective items with a clear label ("Unfit for Use")</li><li>✓ Record the quantity, type of defect, and batch details</li></ul>		
2.	<b>Packaging</b> <ul style="list-style-type: none"><li>✓ Properly folding and wrapping towels ensures uniform sterilization</li><li>✓ Items should be packed to allow adequate steam penetration and prevent air pockets</li></ul>		
3.	<b>Sterilization methods</b> <ul style="list-style-type: none"><li>✓ Steam sterilization requires autoclaving at 121°C (250°F) for 15-30 minutes</li></ul>		

Doing follow up for sterilization of towels if any defect found eliminate them and bring new disposable sets for cardiac surgery

	<ul style="list-style-type: none"> <li>✓ Ensuring that sterilization cycles include a drying phase to prevent residual moisture</li> </ul>		
4.	<b>Quality control</b> <ul style="list-style-type: none"> <li>✓ Each sterilized pack should include indicators (Check sterilization tape indicators for color changes), to confirm that the sterilization parameters were met.</li> </ul>		
5.	<b>Storage</b> <ul style="list-style-type: none"> <li>✓ Once sterilized, towels should be stored in a clean, dry, designated sterile area</li> <li>✓ Limiting handling to prevent contamination and ensuring that packages remain intact until they are needed for surgical use</li> </ul>		
6.	<b>Replacement with disposable sets</b> <ul style="list-style-type: none"> <li>✓ Use high-quality, single-use disposable sets that meet surgical standards (ISO 11607)</li> <li>✓ Verify expiration dates and packaging integrity before use</li> <li>✓ Store Properly: <ul style="list-style-type: none"> <li>- Maintain disposable sets in a clean, dry, and sterile environment</li> <li>- Rotate stock to avoid expired items</li> </ul> </li> </ul>		