

No More Reuse of High Risk Single Use Medical Devices (SUD) in the New Territories West Cluster (NTWC)

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Introduction

Reuse of SUD has long been lingering health care services **worldwide**

Material defect, Improper decontamination of medical devices

Concerns about **patient safety, legal liability & ethics**



Objective

To phase out **all reused moderate-high risk and moderate risk SUD** in order to minimize the potential risk imposed on patients in NTWC



Radifocus Angled Guidewire
Class II critical SUD



Reciprocating Saw Blade
Class I critical SUD

Methodology



- Since 2004, NTWC has developed risk management system by device registration & device tracking system to govern reuse of SUD.
- The risk management approach was adopted as a **corporate strategy** for phasing out reused SUD since 2007.
- All high risk, moderate-high risk and moderate risk SUD have been changed to strictly reused based on **potential risk factors**: movable joints, inflated balloon, lumen tubing, close-end catheter, length of the catheter, product material durability etc.
- From 2008, **extra central funding** was allocated to 7 clusters through annual plan bidding.
- Additional budget was also allocated by **NTWC budget** to actively phase out those reused SUD based on the central and cluster risk priority list.

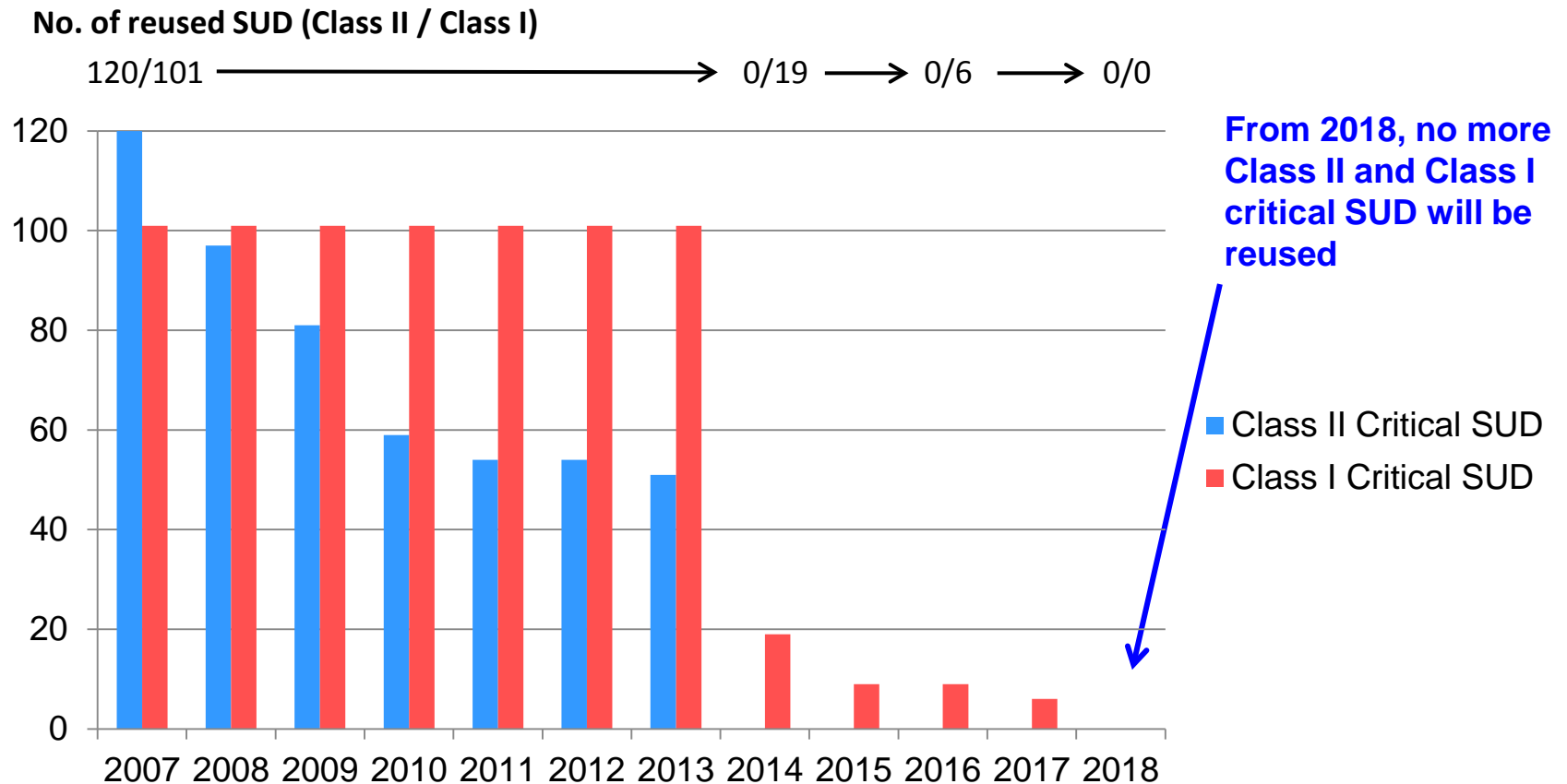
Methodology

- In 2008, **NTWC Single Use Device Risk Management Committee** was established to **coordinate phasing out of reused SUD**.
- **Active cost benefit analysis** not to reprocess low value added SUD.
- **Annual audit** to assure compliance to corporate standard on reused SUD.
- Principle of phasing out reused SUD through device registration and risk prioritization based on the matrix of **Spaulding Classification** & **USA Food and Drug Administration (FDA) Classification** of medical devices

		Spaulding Classification		
		Non-critical	Semi-critical	Critical
USA FDA Class	Class I	Very low risk	Low risk	Moderate risk
	Class II	Low risk	Moderate risk	Moderate-high risk
	Class III (must not be reused)	No such item	High risk	High risk

Result

NTWC has become a pioneer among all clusters to introduce risk management system to **phase out all Class I and Class II critical reused SUD** to ensure the cluster clinical service quality and patient safety.





Thank
You