LEAN Strategy Implementation to Receive Medical Devices at the CSSD

Takeiti MH.[1], Mello MC. [2], Sá AC.[3], Sampaio LABN. [4], Palomo JSH.[5], Andreatta AT.[6]

1.Head Nurse of CSSD - Heart Institute HCFMUSP. São Paulo, Brazil.
2.University Center São Camilo, São Paulo – Brazil. 3 Consultant in Nursing, São Paulo, Brazil. 4, 5 and 6. Heart Institute HCFMUSP São Paulo, Brazil.

Takeiti MH.[1]

Introduction: It is essential to designate a specific area for the reception of medical devices (MD) in the decontamination section of the CSSD to ensure the success of further development processes. Brazilian CSSD's tend to be located in areas that are not large enough to handle their work demands and several reception processes are not standardized.

Objective: Implementing a work station with lean strategy for the reception of MD at the decontamination section of a CSSD.

Methodology: Exploratory, descriptive and interventional studies to be developed in three phases:
1st phase: evaluation of physical infrastructure utilizing a verifying instrument of the decontamination section; **2nd phase**: application of tool 5S; **3rd phase:** CSSD professionals answer a questionnaire regarding the implementation of the new work station.

Results and Discuss: **1st phase**: from the nine items evaluated, 22% were inappropriate. However, by purchasing a cart with shelves and elaborating as well as implementing a reception of medical devices register form, 100% of the demands were met;
2nd phase: Utilizing tool 5S has resulted in 43 actions:
Seiri - extra materials have been taken away and broken ones have been discarded.
Seiton - allocation of furniture and cleaning agents for efficiency.
Seiso - professionals that operate equipments work efficiently and zealously.
Seiketsu - establishing a standard procedure to moisturize surgical instruments; potable water filters of 0,2 micra should be used for rinsing medical devices.
Shitsuke - implementing new work processes for seiri, seiton, seiso, seiketsu has caused the need for continuing education.
3rd phase: 100% of the professionals have approved the implementation of the new work station.

BEFORE

AFTER

WORKSHEET SURGICAL INSTRUMENTAL RECEPTION FROM OPERATION THEATER

DATE ___/___/___

TIME		TECHNICAL INSTRUMENTATION	OR	TRAY OF SURGICAL INSTRUMENTAL								TRAY SURGEON		CSSD
START	END			CPA	CPB	CRM	CV	KN	MPA	PERFUSION	OTHERS	NAME	AMOUNT	

Conclusion: Therefore, this study of the Lean Strategy Implementation has caused the identification of problems and the organization of work environment always bearing in mind infection control, work rationale and the well-being of all professionals at the CSSD.

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