

# FEEDBACK FROM LEAN MANAGEMENT IN A STERILIZATION UNIT.



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## What was done

### LEAN management aims :

- to improve the performance of a company through the involvement of employees.
- to find the ideal conditions of functioning by articulating staff, equipment and sites,
- to add value with the least waste possible.

**Sterilization** = production activity, which can be managed by LEAN management.

## Why it was done

To schedule and optimize the recomposition flow

To prioritize emergencies

To pool skills

To redistribute resources

## How it was done

A **management engineer** was assigned to help to implement this project.

**Step 1** : observation of the sterilization activity

**Step 2** : analysis of production data of the different surgical specialties resulting from the traceability software

**Step 3** : an exercise on setting up a new organization was carried out with all the agents.

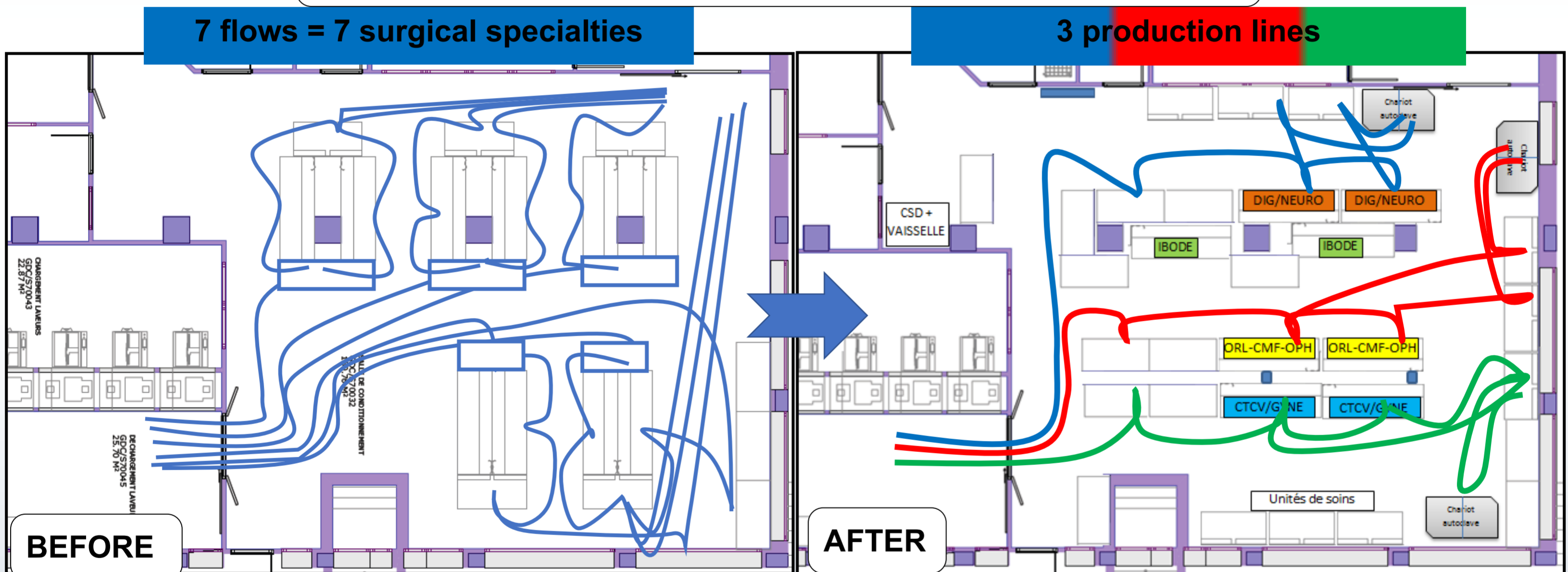
The interest of the use of **KANBAN** to smooth the flow was demonstrated during these exercises.



KANBAN labels

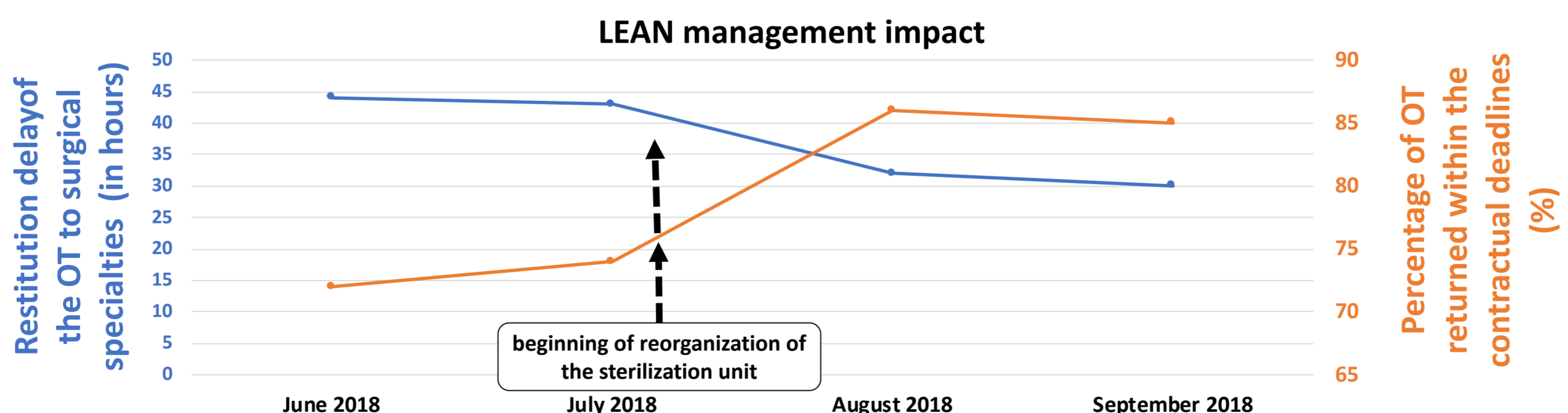
## What was achieved

Redevelopment of the conditioning area => limit movements



Activity of June 2018	Flow 1	Flow 2	Flow 3
Production data of the surgical specialties (operating trays)	NCH : 1267 DIG : 1272	OPH - ODONTO : 959 CMF - ORL : 1401	CTCV : 1730 MATER : 926
<b>Total (OT)</b>	<b>2539</b>	<b>2360</b>	<b>2656</b>
<b>Percentage (%)</b>	<b>34%</b>	<b>31%</b>	<b>35%</b>

Washing zone : **KANBAN** labels are deposited on the OT,  
Conditioning area : the OT are handled in the order of arrival, = "**First-In, First-Out**" principle.



## What is next

- improvement of productivity in terms of scheduling and fluidity and availability,
- reduction of the production pressure,
- redefinition of the true urgency,
- development of the concept of self-help
- increase in versatility through training.

The project is presented to the general management of the University Hospital Center in September 2018. A re-evaluation to 6 months is planned.