FEEDBACK FROM LEAN MANAGEMENT IN A STERILIZATION UNIT.

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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.

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.

What was achieved
Redevelopment of the conditioning area => limit movements
7 flows = 7 surgical specialties
3 production lines

Activity of June 2018

<table>
<thead>
<tr>
<th>Production data of the surgical specialties (operating trays)</th>
<th>Flow 1</th>
<th>Flow 2</th>
<th>Flow 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCH : 1267 (Dig : 1272)</td>
<td>2539</td>
<td>2360</td>
<td>2656</td>
</tr>
<tr>
<td>OPH - ODONTO : 959 (CMF - ORL : 1401)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTCV : 1730 (MATER : 926)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total (OT)</td>
<td>2539</td>
<td>2360</td>
<td>2656</td>
</tr>
<tr>
<td>Percentage (%)</td>
<td>34%</td>
<td>31%</td>
<td>35%</td>
</tr>
</tbody>
</table>

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.

LEAN management impact
- improvement of productivity in terms of scheduling and fluidity and availability,
- 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.

What is next