



# Insufficient Working Space in Dental Laboratory 4

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## Introduction

Models and Dental Boxes were cluttering in the work stations at Dental Laboratory (Lab) 4, as shown in Figure 1. This has resulted in insufficient working space for the dental technicians working at Dental Lab 4. A team has been formed to resolve this issue.

## Objective



To clear up the clutter by re-organizing the work space in 3 month time.

## Root Cause Analysis

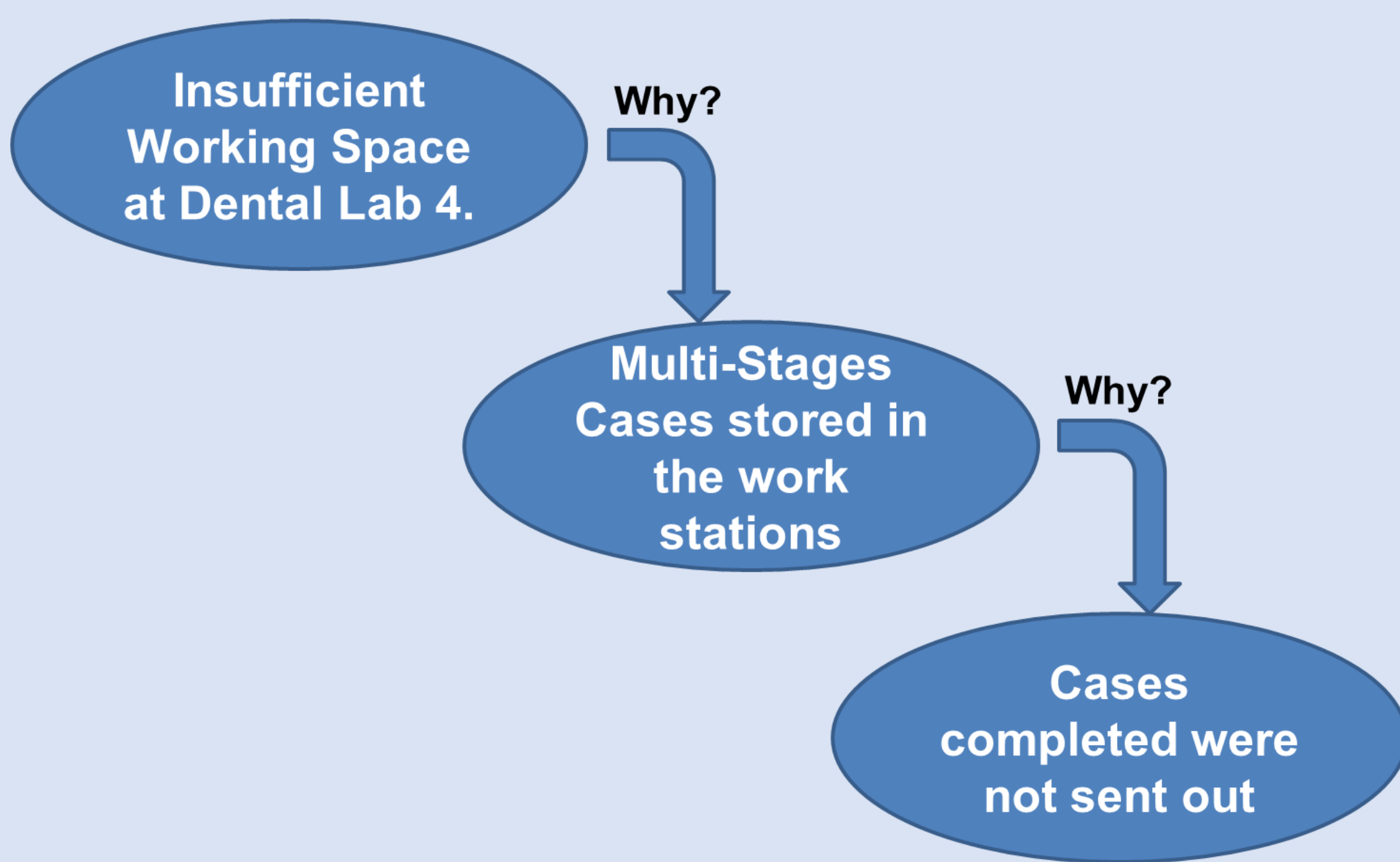


Figure 2

## Our Solutions

1. To send out the cases upon completion.
2. To send out the try-in cases with the boxes.
3. To store non-urgent cases at the storage area provided/ available.
4. To de-clutter the boxes on bi-monthly basis (Better housekeeping).



Solution 1



Solution 2



To store non-urgent cases at the storage area provided

Figure 3

The team analyzed the root cause using the 'five whys' technique as shown in Figure 2. They realized the issue was due to poor housekeeping, hence have proposed to send out the cases upon completion and to send out try-in cases with the boxes, as shown in Figure 3.

## Result

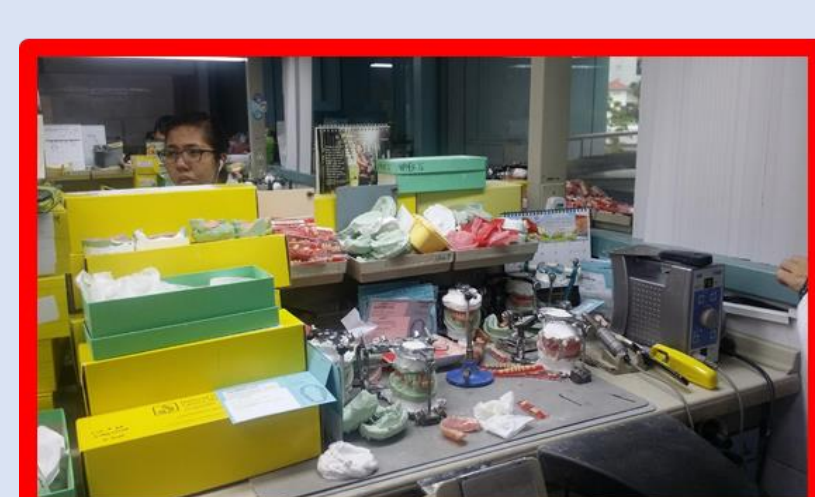


Figure 4

✓ After interventions, the work station is neater with 'extra' working space when the clutter has been cleared as shown in Figure 4.

## Learnings from our C.I Journey

- ◆ It is easy to voice out the problems but it takes time and 'getting your hands dirty' to do it.
- ◆ Great teamwork is needed for the project to be successful.
- ◆ Any improvement is a big step towards a better working environment.



INSUFFICIENT WORKING SPACE

Figure 1

TAKEN ON 12/10/2017