



Singapore Healthcare
Management 2019

Experimentation of new dental operator design

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1. INTRODUCTION

The increasing complexity of the dental operator environment influences productivity and workflow for dental clinicians. Well-designed workplaces are crucial to efficiency and productivity. This enables staff to establish a natural working rhythm in which the body utilizes normal patterns in a logical sequence.

2. METHODOLOGY

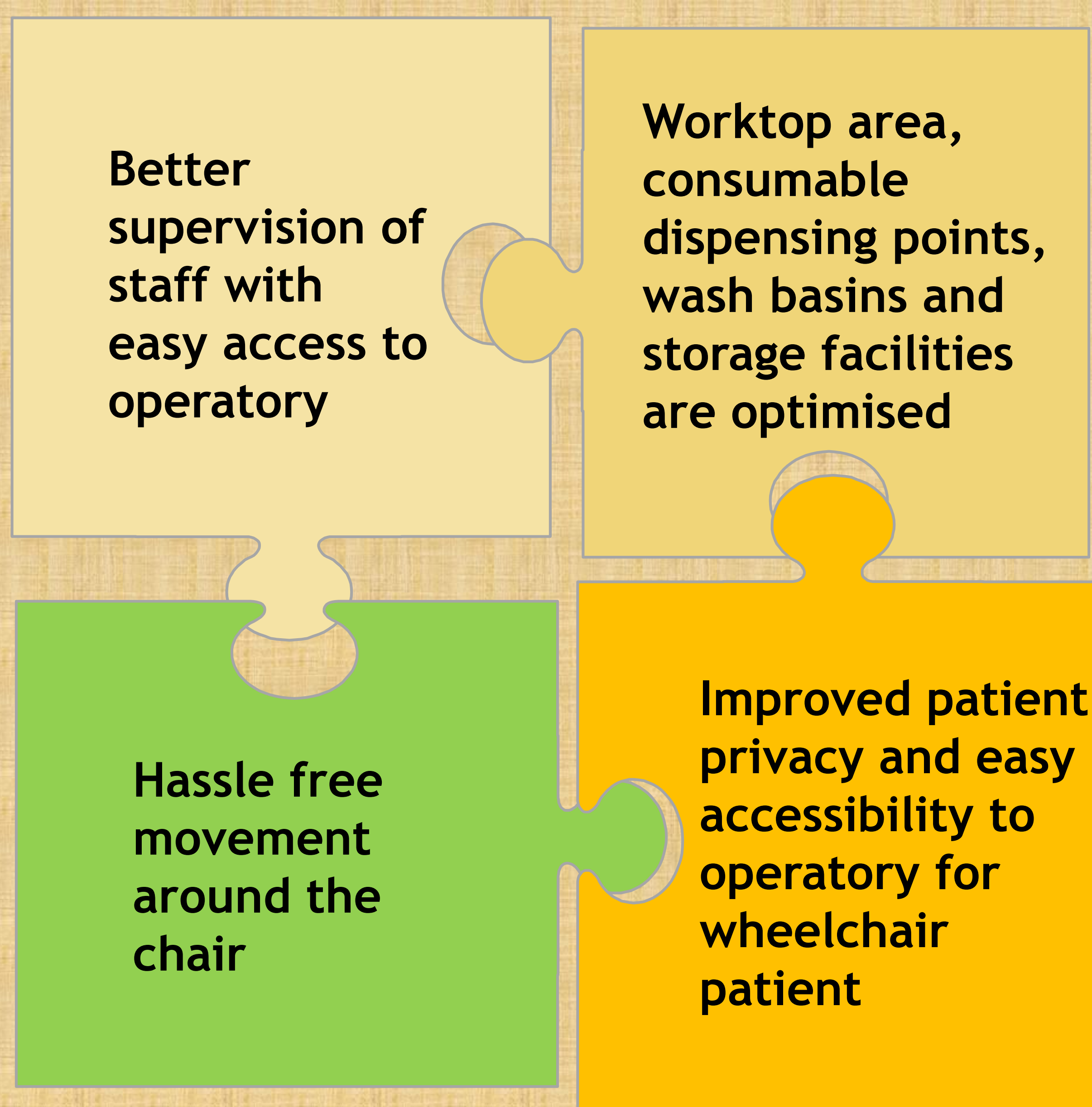
a. A committee of clinicians and operations staff were formed to look into the design of opened dental operator for the new NDCS. Surveys were conducted to get feedbacks from clinicians, dental assistants and patients. The feedbacks provided the following considerations in designing the new opened operator.



b. Using the considerations established for designing the new opened operator, an experimentation clinic (Clinic 1A) was set up in July 2018. A pair of 2 opened operator was constructed with the new design, taking into considerations of space allocated at the new NDCS.

c. Feedbacks were collected from patients, dentist and DSA working in Clinic 1A. The result is summarised in Section 3.

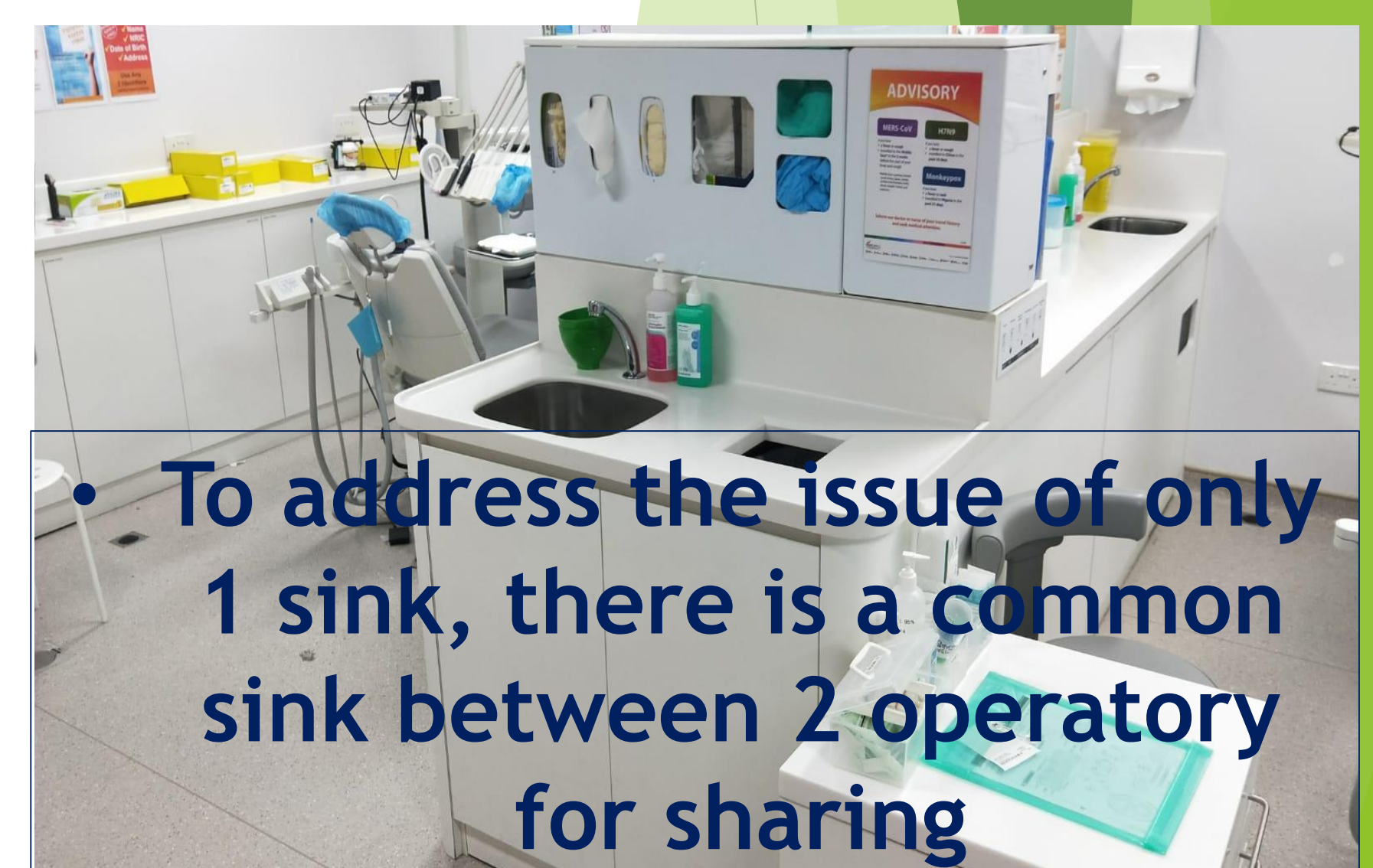
3. RESULT



Before



After



4. CONCLUSION

The experimentation of the new opened operator allowed NDCS to gain insights of an envisioned design being implemented into a real life clinic. Feedbacks will be collected so that we can continue to make enhancement to the design before we embarked in mass implementation of these opened operator at the new NDCS.