



Application of New Technology to Enhance Efficiency in Prescription of In-patient Wheelchair Seating System

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Wheelchair Assignment & Seating Program (WASP)

In-patient equipment loan service

Improve sitting posture

Help to prevent pressure injury

Facilitate early participation in rehabilitation

chair

wheelchair

WASP



WASP Service Profile 2017

Total new admission (general): 7,728
WASP issued: 535 (7%)

Specialty

Percentage

Palliative Care

28.4%

Stroke

25.7%

Medical & Geriatrics

22.6%

Neurosurgery

20.9%

Others

2.4%



Service Review 2016

- Three improvement areas identified
 1. Waiting time
 2. Time used in monthly report
 3. Maintenance & repair record

1. Waiting Time Explained

Occupational Therapist



Clinical Assessment

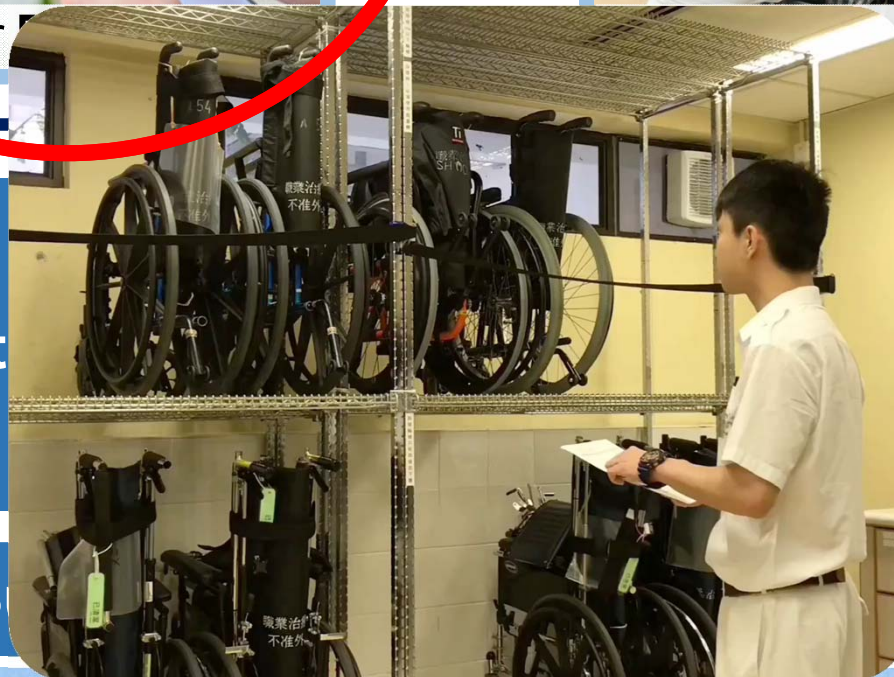


Paper

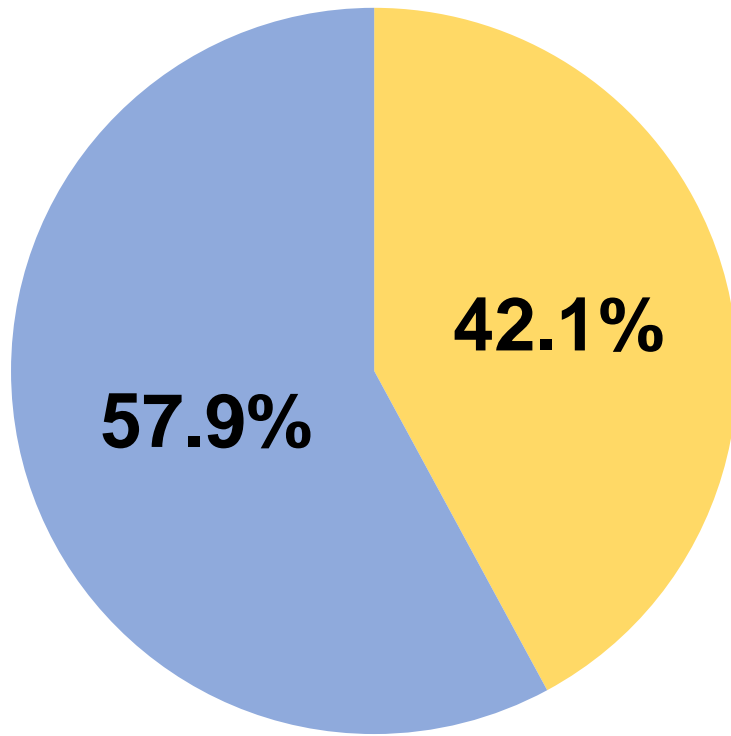


age

- Safety Inspection
- Assembly & Adaptation
- Loan Record



1. Waiting Time Explained



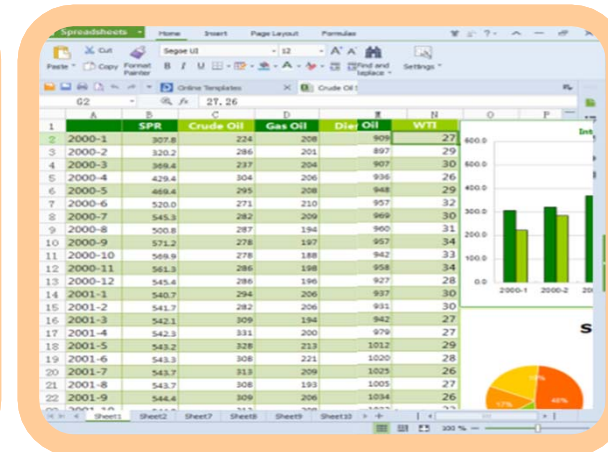
- Only 42.1% of requests were completed within 2 working days
- The rest 57.9% ranged from 3-9 working days

2. Time Used in Monthly Report

- Total new case
- Number of device issued
- Utilization by specialty
- Waiting time

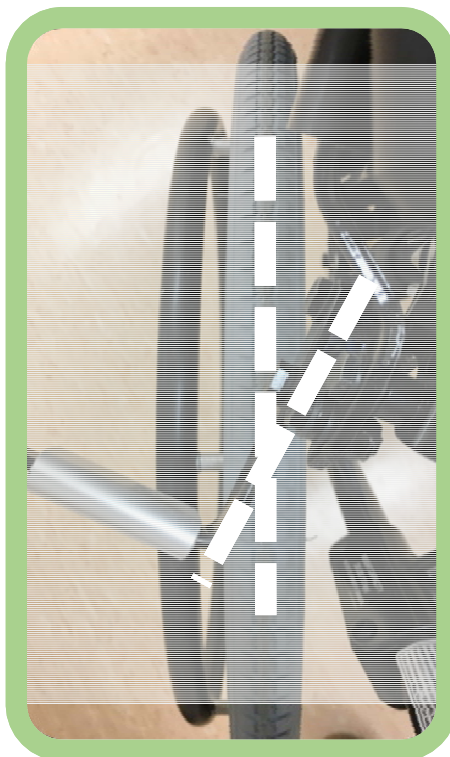
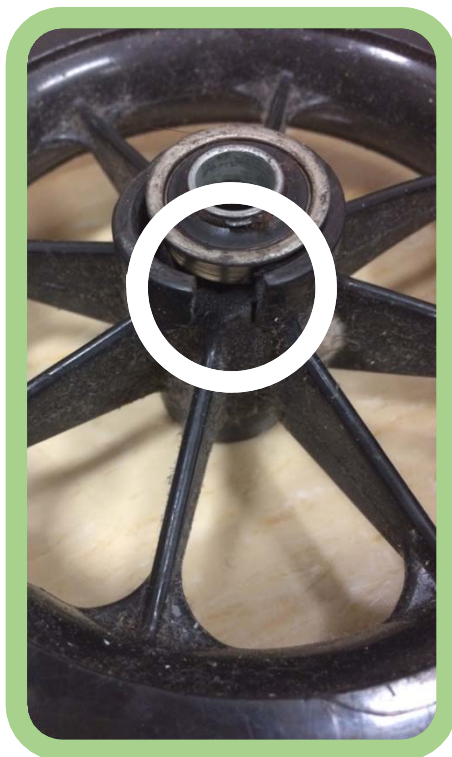


75 minutes



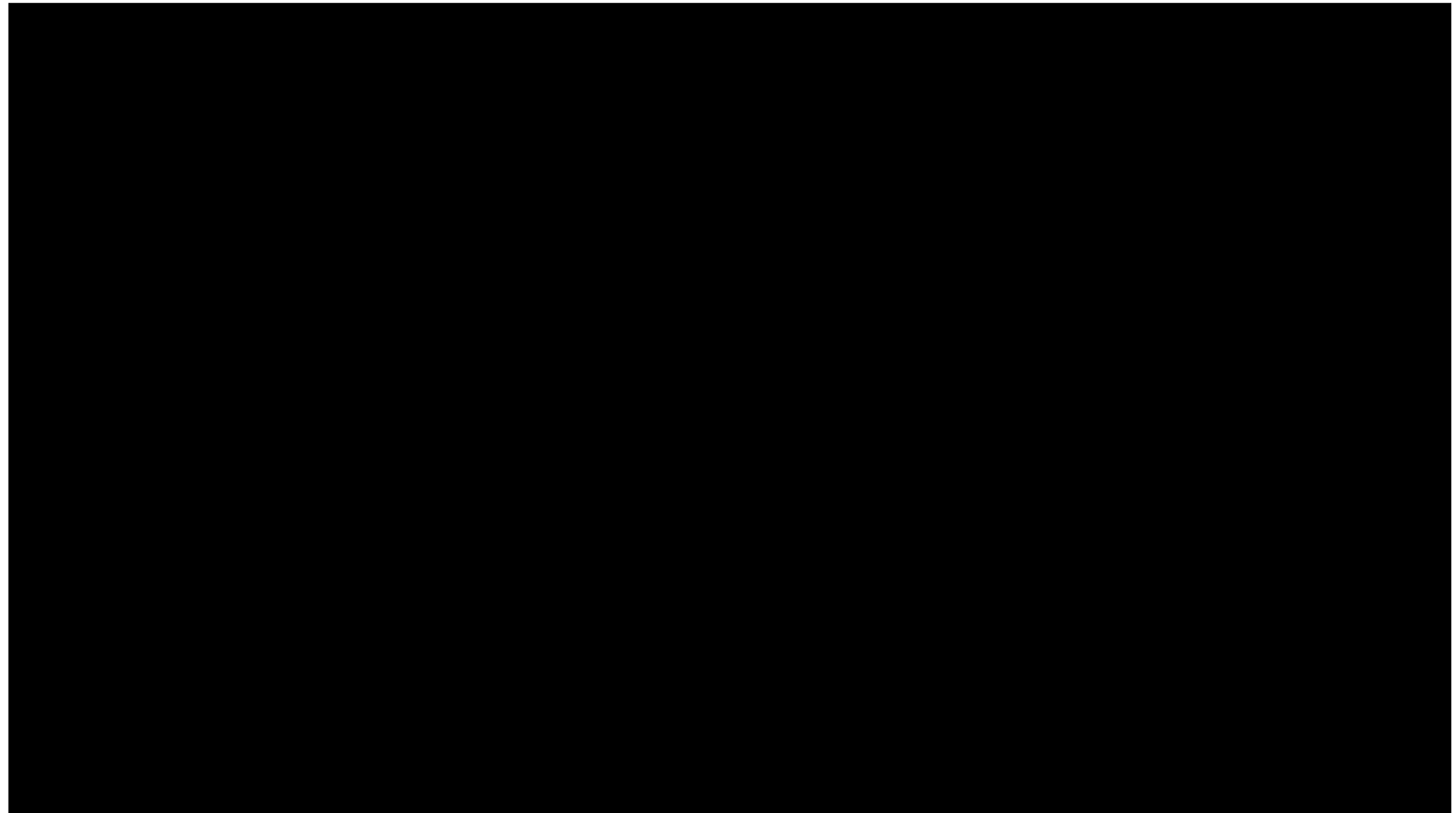
3. Maintenance & Repair Record

- Text only record
- Difficult to follow up



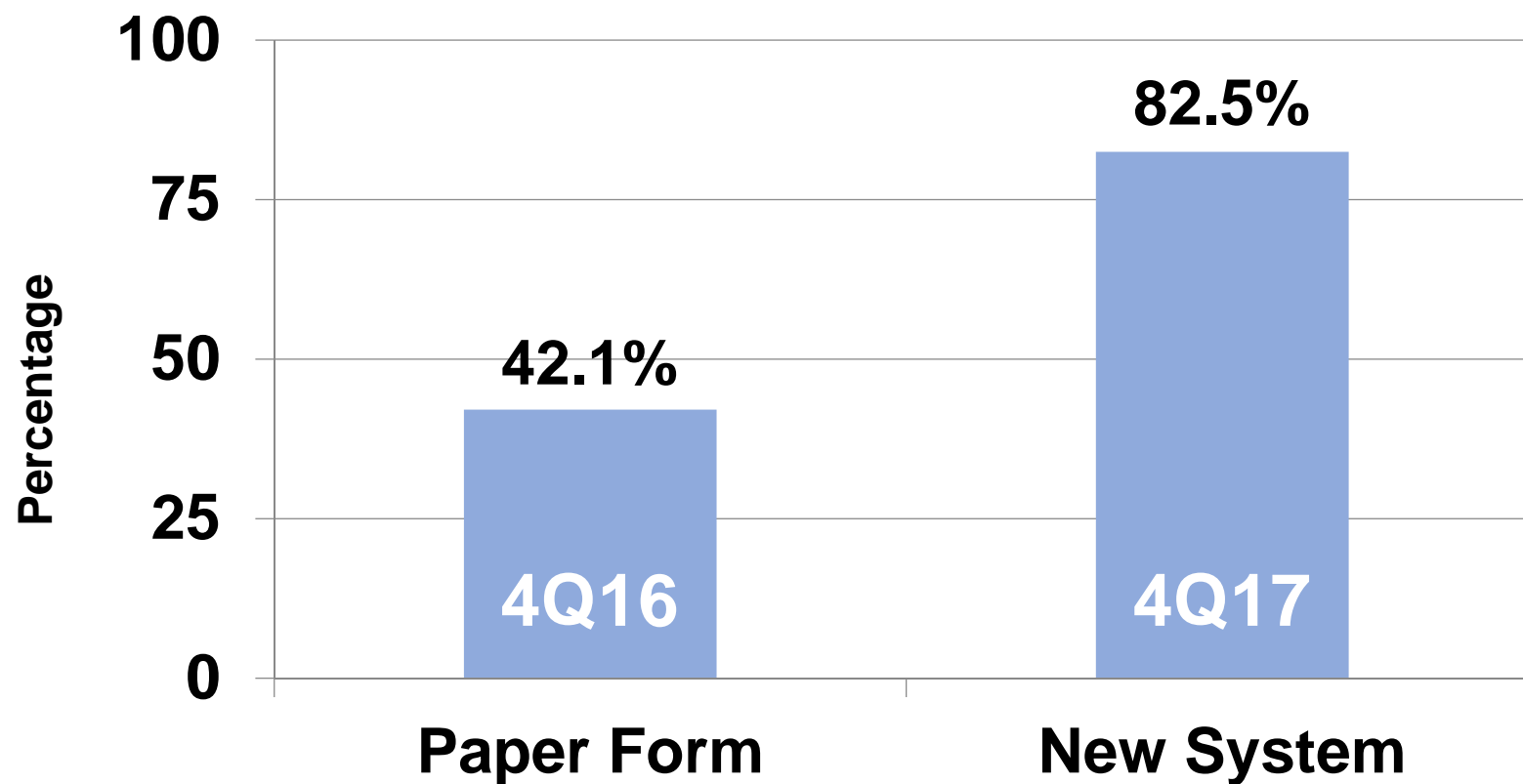


New WASP System



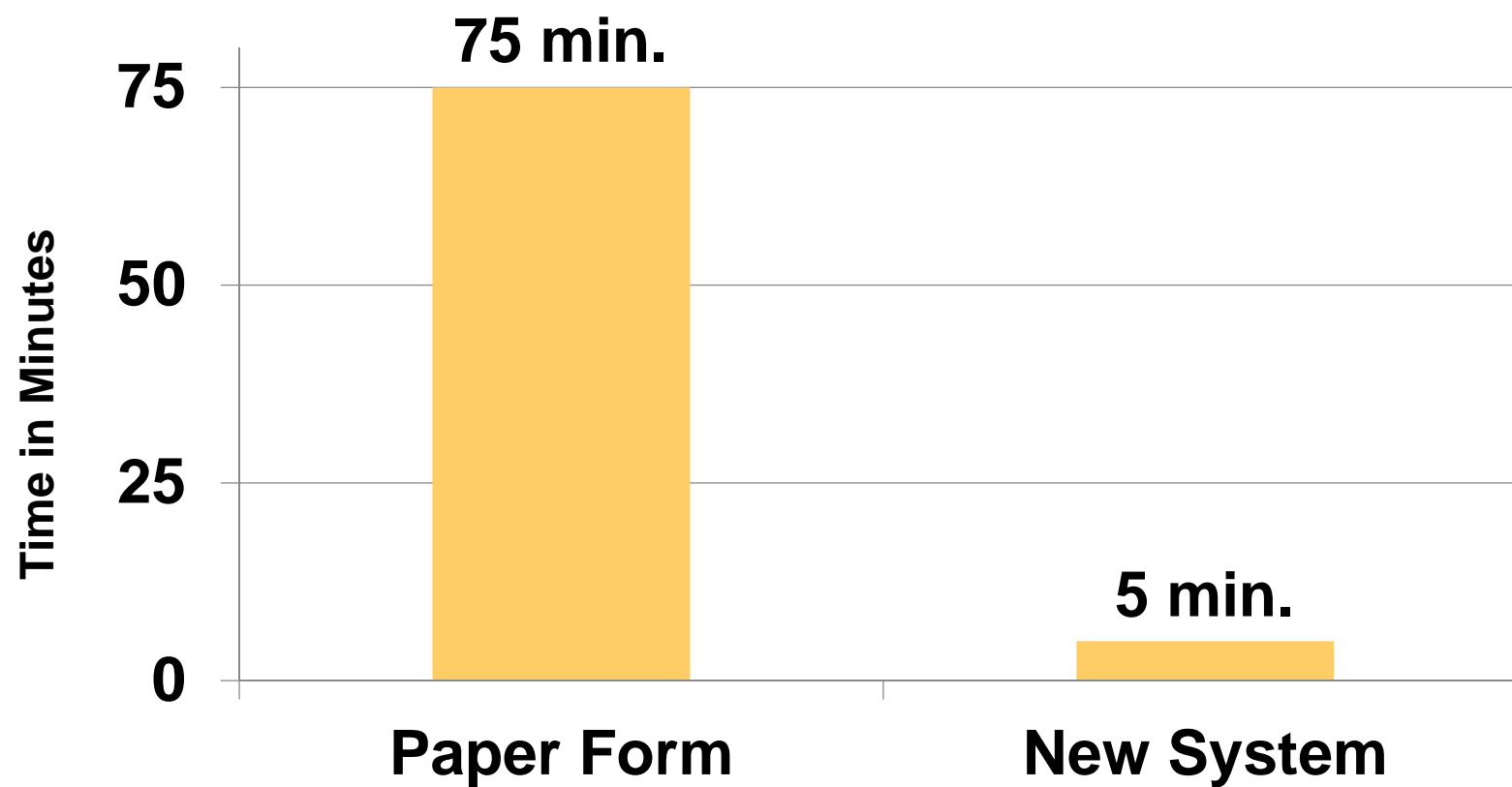
Result 1 – Waiting Time

Percentage of First Two-day Completion



Result 2 – Monthly Report

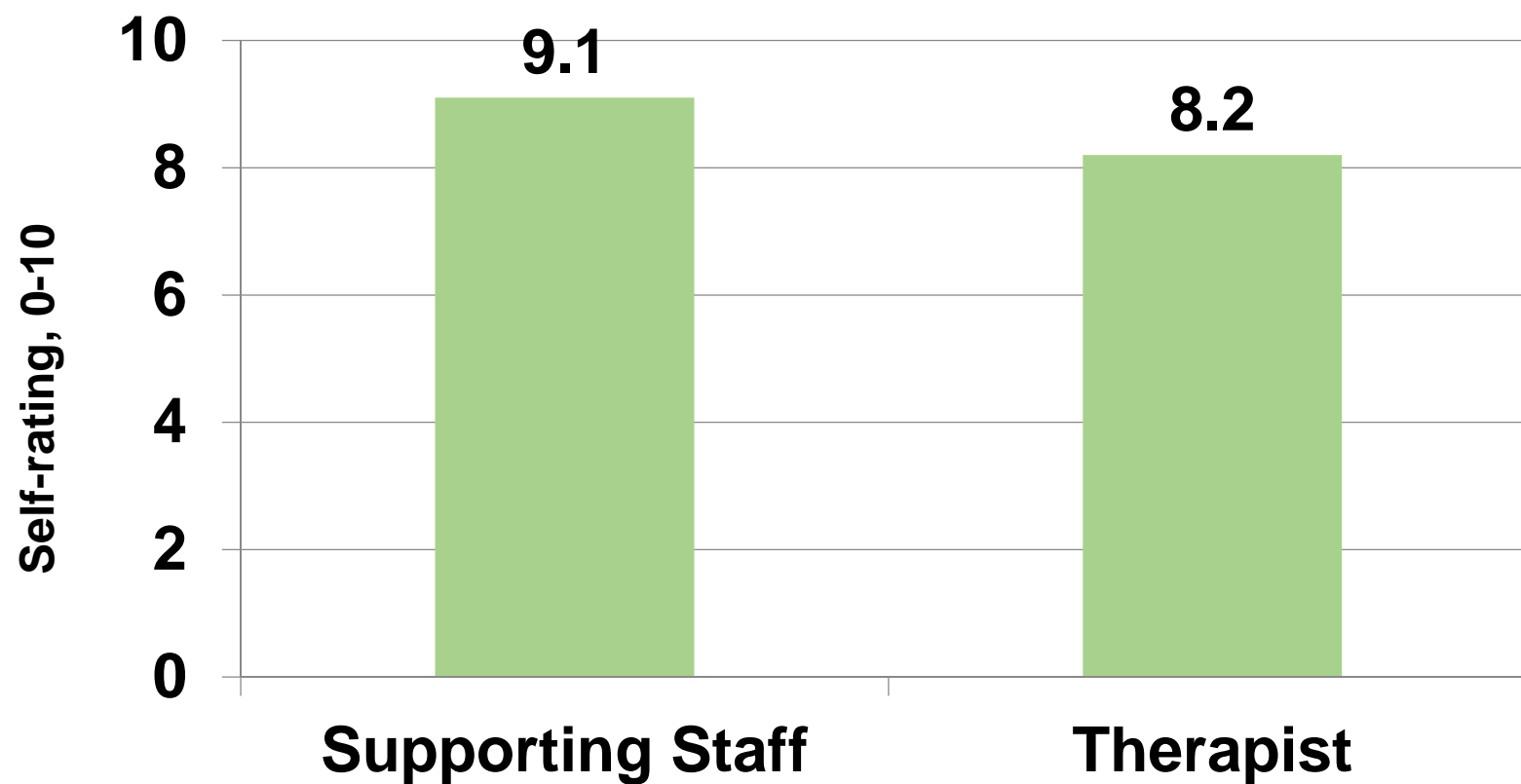
Time Used in Monthly Report





Result 3 – Staff Satisfaction

Overall Satisfaction Rating



Conclusion

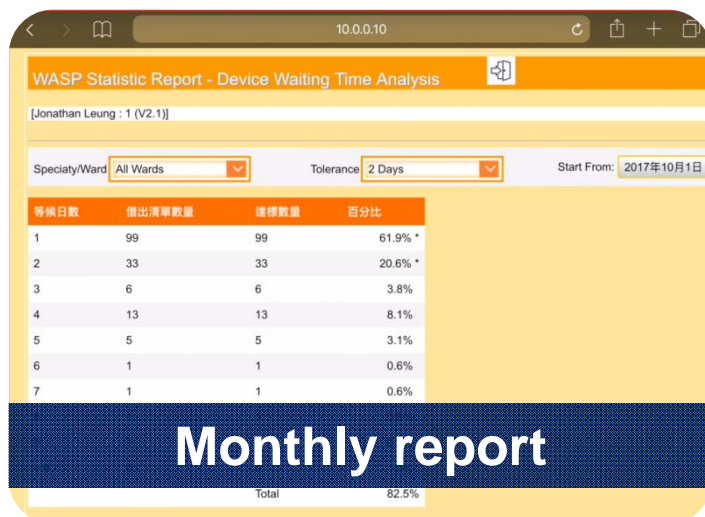
- New WASP system is effective
 - Service efficiency
 - Daily operation
 - Staff satisfaction



10.0.0.10

Qty (available)	0 / 2
Ref code :	WC-L-16-Berolka
Type :	Lightweight
Size :	16
Model :	Berolka
Qty (available)	2 / 2
Ref code :	WC-L-16-Patriot
Type :	Lightweight
Size :	16
Model :	Patriot
Qty (available)	18 / 28
Ref code :	WC-L-16-Spirea
Type :	Lightweight
Size :	16
Model :	Spirea
Size :	18
Model :	9000SL

Real-time availability



10.0.0.10

WASP Statistic Report - Device Waiting Time Analysis

[Jonathan Leung : 1 (V2.1)]

Specialty/Ward: All Wards Tolerance: 2 Days Start From: 2017年10月1日

等候日數	借出清單數量	達標數量	百分比
1	99	99	61.9% *
2	33	33	20.6% *
3	6	6	3.8%
4	13	13	8.1%
5	5	5	3.1%
6	1	1	0.6%
7	1	1	0.6%
Total			82.5%

Monthly report



10.0.0.10

器材維修記錄

Barcode: WC-L-2010-091

維修日期	維修部位	左右	事故/跟進	備註	器材狀況	儲存位置	經手人
2017-12-15	後輪輪胎(Rear Wheel Tire)	右	老化耗損(Wear & Tear)	停止使用	2039		Jonathan Leung

Maintenance record

Typical view from a lying patient

