



Clinical Audit on “Clinical Practice Guideline: Home Oxygen Therapy for Adult Patients”

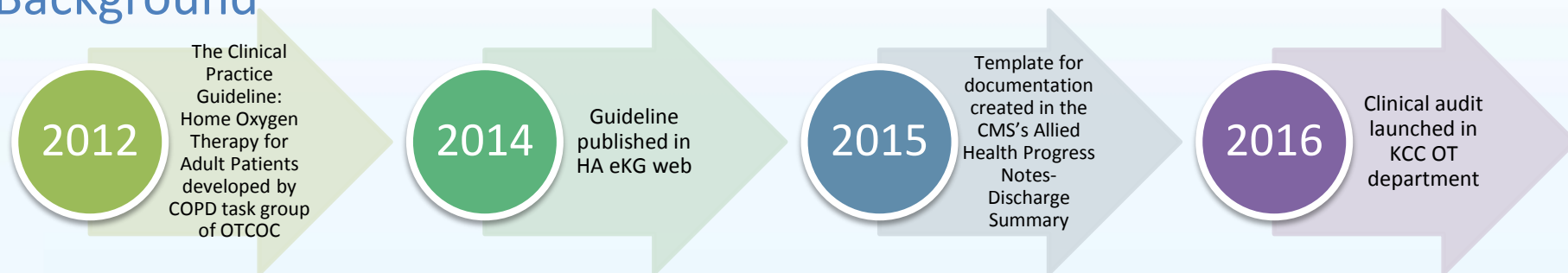
YANG LN⁽¹⁾, LAU WLC⁽¹⁾, TSUI TS⁽¹⁾, KO WN⁽¹⁾, Ng HP⁽¹⁾,
Cheng SW⁽¹⁾, Chan KFC⁽²⁾, CHAN YP⁽³⁾, LUI NFJ⁽⁴⁾, LUK
WY⁽⁵⁾

Department of Occupational Therapy, ⁽¹⁾ Kowloon Hospital; ⁽²⁾ Wong Tai Sin Hospital; ⁽³⁾ Hong Kong Buddhist Hospital; ⁽⁴⁾ Queen Elizabeth Hospital; ⁽⁵⁾ Kwong Wah Hospital

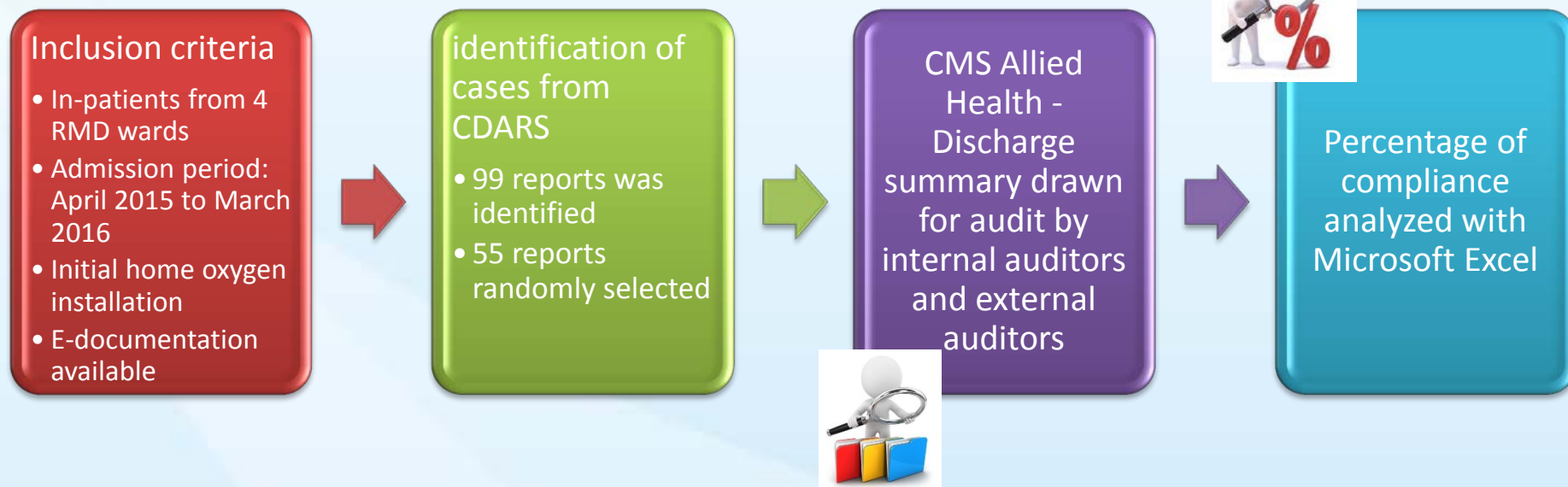




Background



Methodology

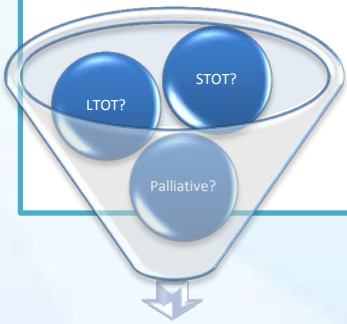




Step 1

Validating the appropriate patients and respective therapy regime

- Criteria of success: Confirm a therapy regime



Continuous? Exertional? Nocturnal?

Step 2

Recommending appropriate flow-rates with respective to rest, sleep and various daily activities

- Criteria of success: Indicate the respective flow rates for the following scenarios
a) Rest, b) Sleep, c) Light exertion, d) Heavy exertion

| 九龍醫院 職業治療部 日常生活氣流治療指引 | | |
|---|----|----|
| 活動 | 流量 | 速度 |
| 休息時 (包括睡覺、休息和半睡) | 1 | |
| 低強度活動 (例如：散步、清潔、洗衣、洗澡、刷牙、梳頭、整理床鋪、輕微的體力勞動等) | 1 | |
| 中度活動 (例如：購物、如廁、在室內行走、輕微的體力勞動、輕微的運動等) | 2 | |
| 高強度活動 (例如：跑步、搬運、重體力勞動、激烈的運動等) | 3 | |

Step 3

Gaining consensus and participation from the patients and/or care-givers

- Criteria of success: Collect a consent form (with the patients or a delegate’s signature on it) for recording in department’s central file

Step 4

Selecting the appropriate equipment to fit the home environment and lifestyle

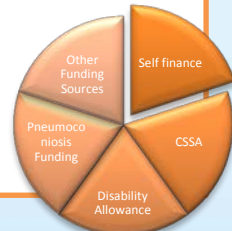
- Criteria of success: Indicate the specific model of oxygen equipment +/- accessories in e-documentation



Step 5

Exploring the need for financial assistance

- Criteria of success: Explore any needs for financial assistance, and, make necessary referrals to the feasible and appropriate agent





九龍中醫院聯網
Kowloon Central Cluster



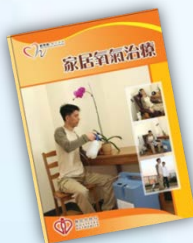
九龍醫院
KOWLOON HOSPITAL

九龍醫院
KOWLOON HOSPITAL

Step 6

Educating and training on operation, maintenance and precautions

- Criteria of success: Coach the patients and/or their carers in the operation of related equipment



Step 7

Liaison for equipment delivery on discharge

- Criteria of success: Arrange delivery of the oxygen set to ensure no disruption of the therapy during the transition from hospital back to the community



Step 8

Monitoring and arranging follow-up service

- Criteria of success: Arrange FU service that is feasible and convenient to the patients and/or carers

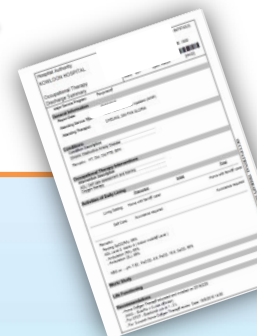
Community OT
ICDS
CGAT

Out-patient OT
Pulmonary Rehab
Program

Step 9

Documentation

- Criteria of success: Recorded all the above procedures and information in the Allied Health Progress Note – Discharge Summary





Result

- Over 90% compliance in most of the steps
- About 50% of the financial status being stated in the e-documentation

Suggestions for further service improvement

- Refine and promote on the use of the existing home oxygen installation template for e-documentation in CMS
- Cross cluster audit exercise could be launched to promote universal reporting format and enhance compliance of the clinical practice guideline

