



Community Holistic Health Management – Constructing Multidisciplinary Assessment Information System

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Abstract introduction

Establishing appropriate multidisciplinary assessment scales to enhance the effectiveness of health promotion among the community, for grasping the physical and mental health status of the community residents.



Method/Intervention

The results of multidisciplinary assessment and consultation can provide the following purpose for professional team as:

- 1.Collaborate with cross-team medical professionals discussing suitable multidisciplinary assessment scales.
- 2.Confirming appropriate cut-off points for high-risk groups based on assessment results.
- 3.Establishing high-risk case reminders.
- 4.Developing a referral process for high-risk individuals.

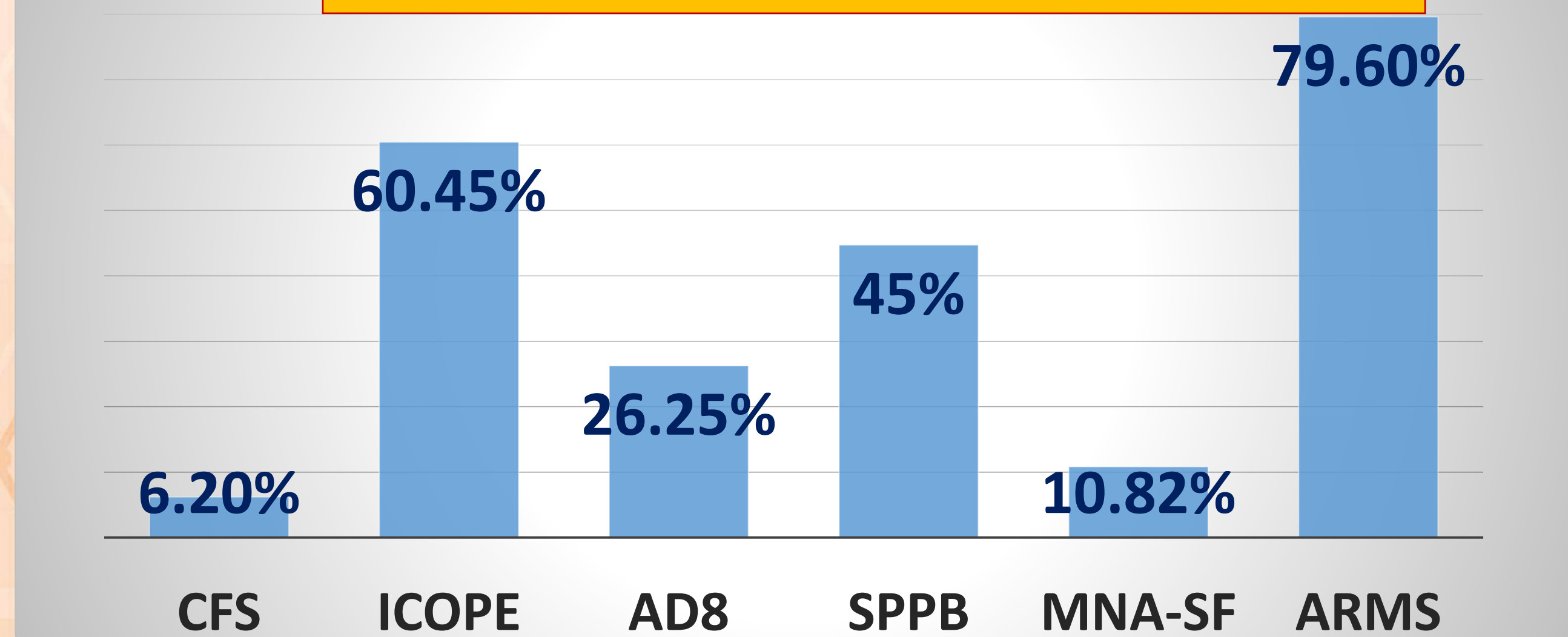
Seven scales as CFS(Clinical Frailty Scale),ICOPE(Integrated care for older people ,AD8(AD-8 questionnaire),SPPB(Short Physical Performance Battery),MNA-SF(Mini Nutritional Assessment Short Form) and ARMS(Adherence to Refills and Medications Scale).



Results

From January 2023 to October 2024, the results assessment scales were:199 people (6.20%) had a CFS score >4;204people (60.45%) required reevaluation on the ICOPE scale;68 people (26.25%) had changes with an AD8 score ≥ 2 ;34people (45%) had a SPPB score <10;79 people (10.82%) had an MNA-SF score <12;43 people (79.60%) had an ARMs score >12.Finally ,there were 62 people were referred to neurology and psychiatry outpatient clinics;44 people were referred to eye outpatient clinics;31 people were referred to otolaryngology clinic;20 people referred to rehabilitation clinic and 5 people to geriatric clinic.

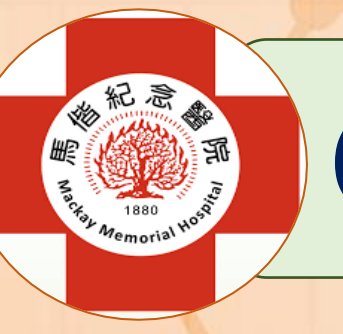
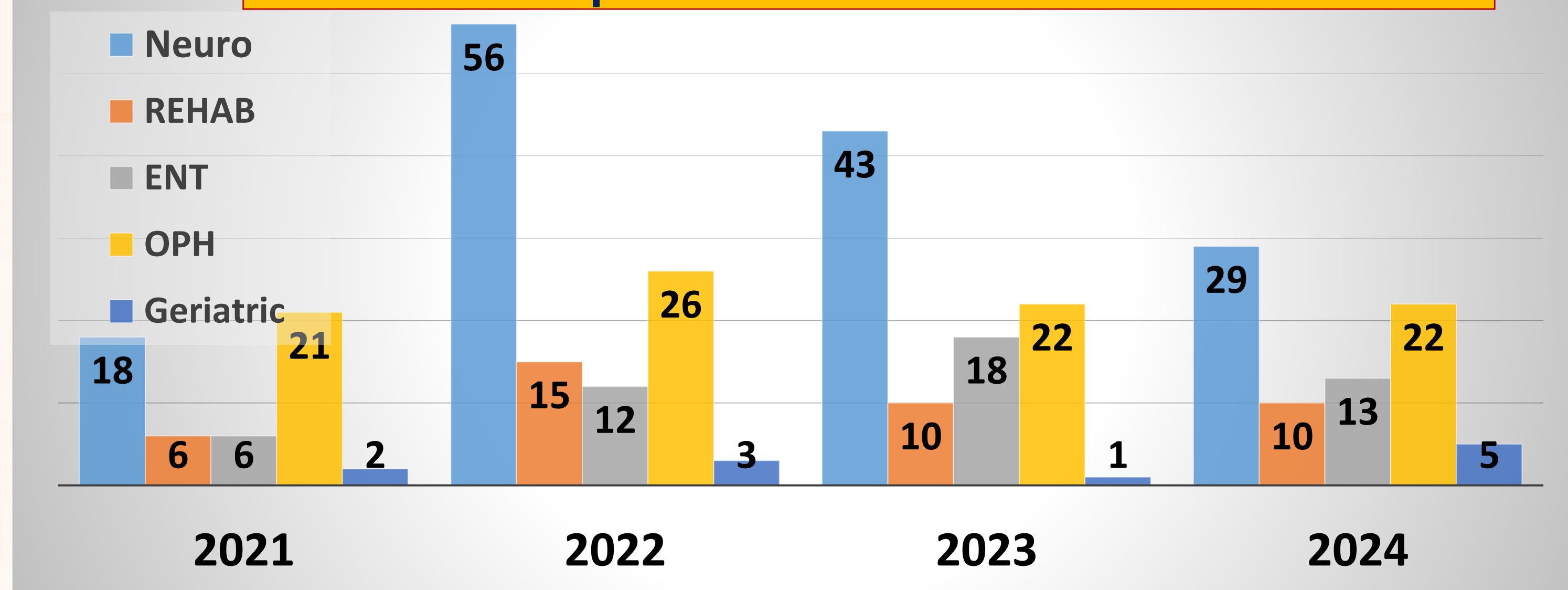
The Results of Assessment Scale



Community Health Management Promotion Stage

- 2013 Case management-
Nursing consultation
- 2015 Case management
Nutritionist Pharmacist
Cancer Screening Service
- 2016 Case management-
Dementia Assessment
- 2017 Case management
Physical fitness
tele-cardiogram assessment
- 2019 Case management
system develop
cloudify activation
- 2023 Constructing multidisciplinary
assessment scales

Outpatient Referral Volume



Conclusion

Utilizing effective assessment results not only allows for understand of the health status of community residents in each district but also serves as a reference basis for determining the timing and the collection of various assessment scales into visual reports as POWER BI measures for future health promotion programs and professional team interventions.

