

Health Promotion Programs for Individuals with Mental Retardation through Partnership of Different Health Care Providers

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Taichung Tzu-Chi Hospital
372 beds, since Jan 2007



Taipei

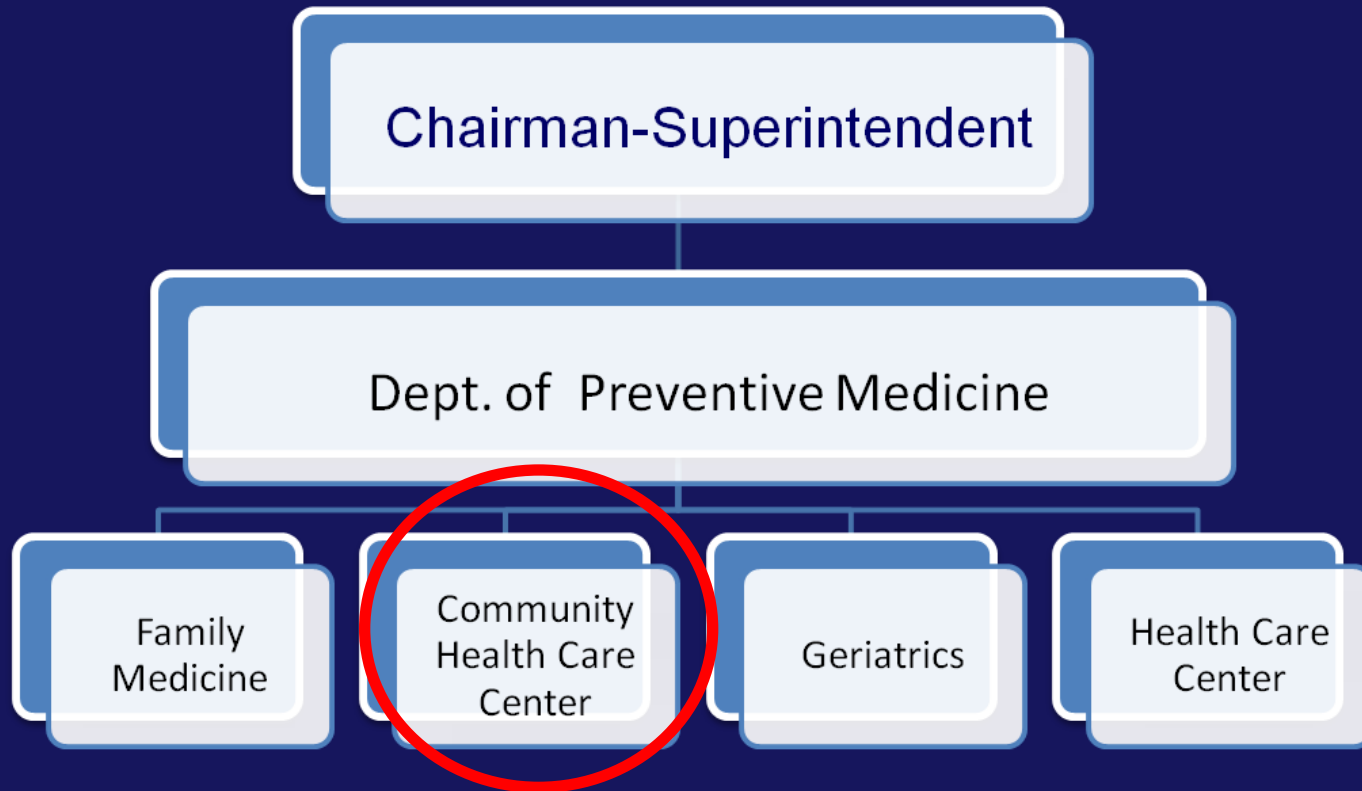

Hualien


Yuli


Kuanshan


Dalin


The Department of Preventive Medicine as the Coordinator



Interdisciplinary Cooperation

Administration office

**Laboratory Medicine
& Radiology**

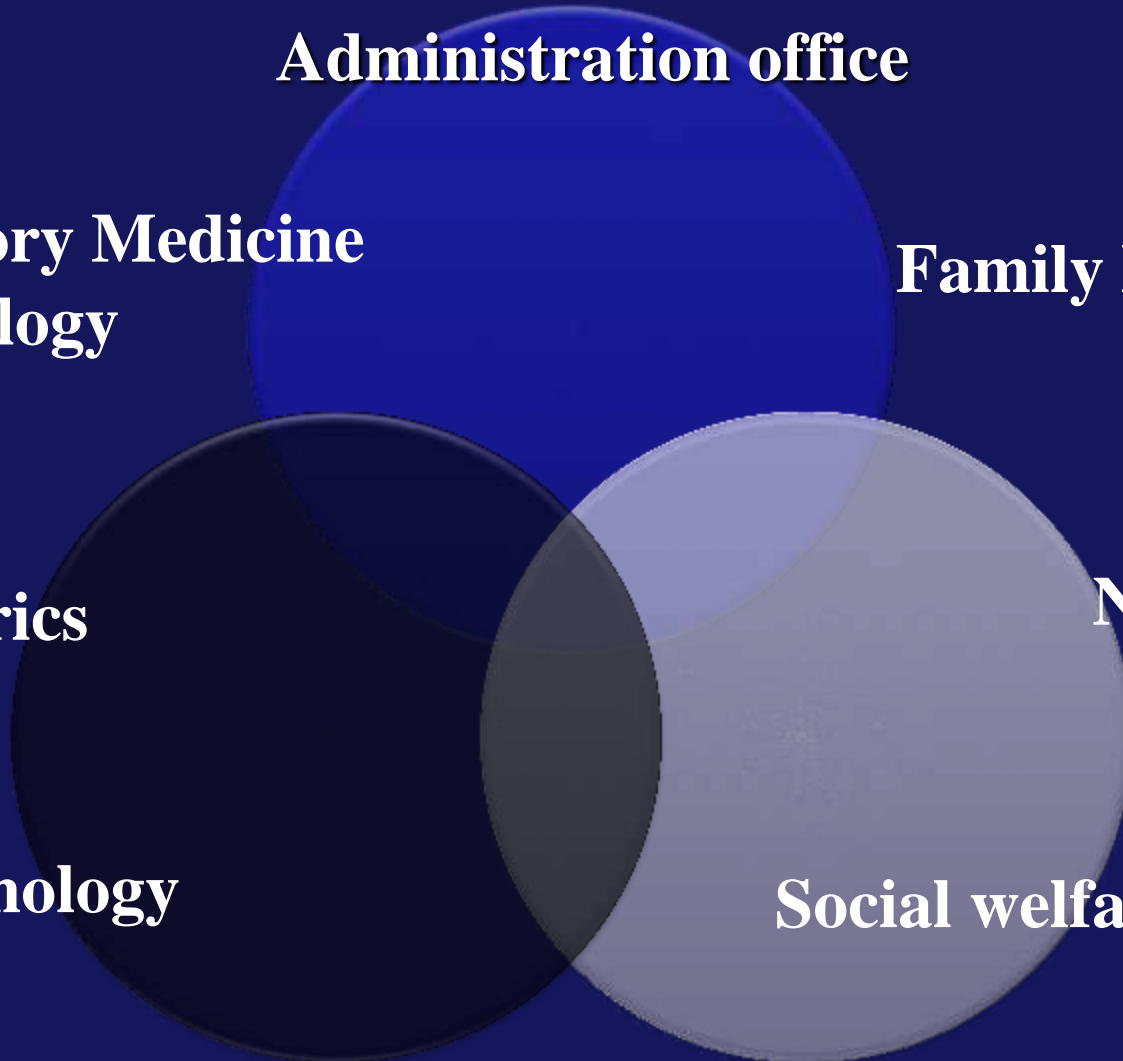
Family Medicine

Pediatrics

Nursing

Ophthalmology

Social welfare Division



Purposes

- Identify the health needs of individuals
- Design programs to improve their health
- Care
- Learn (share)

Background

1. Socio-economically disadvantaged
2. Little attention
3. Health inequality

Materials & Methods

Materials

- Six health care providers
- 103 subjects enrolled
- A five-year project

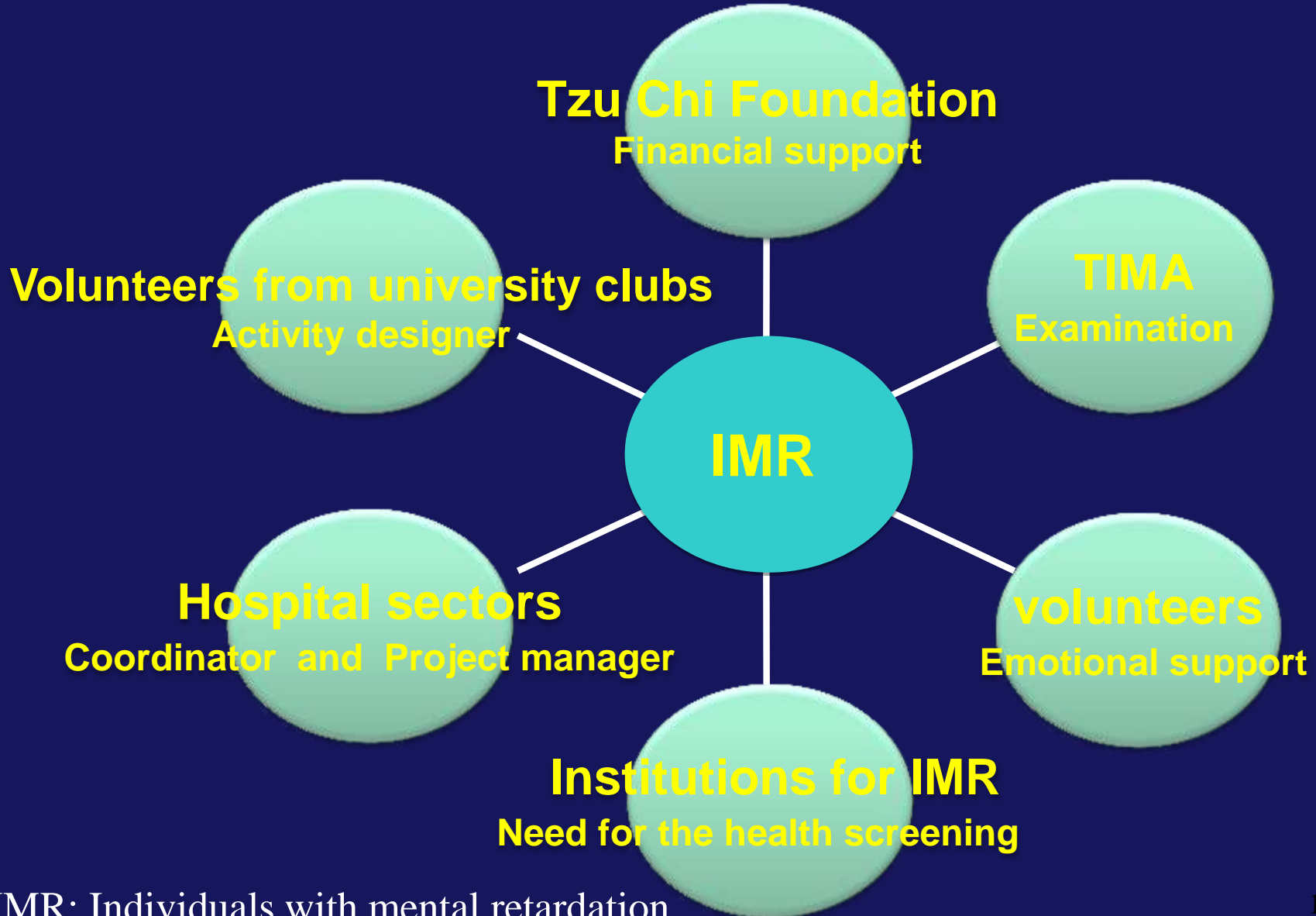


- Strategies for their health problems
 - year 1~3 : assessment of care needs
 - year 4~5 : resolutions of health problems

- Exams of blood biochemistry and urinalysis
- Physical examination, BMI and visual acuity checkup



Which health providers are involved?

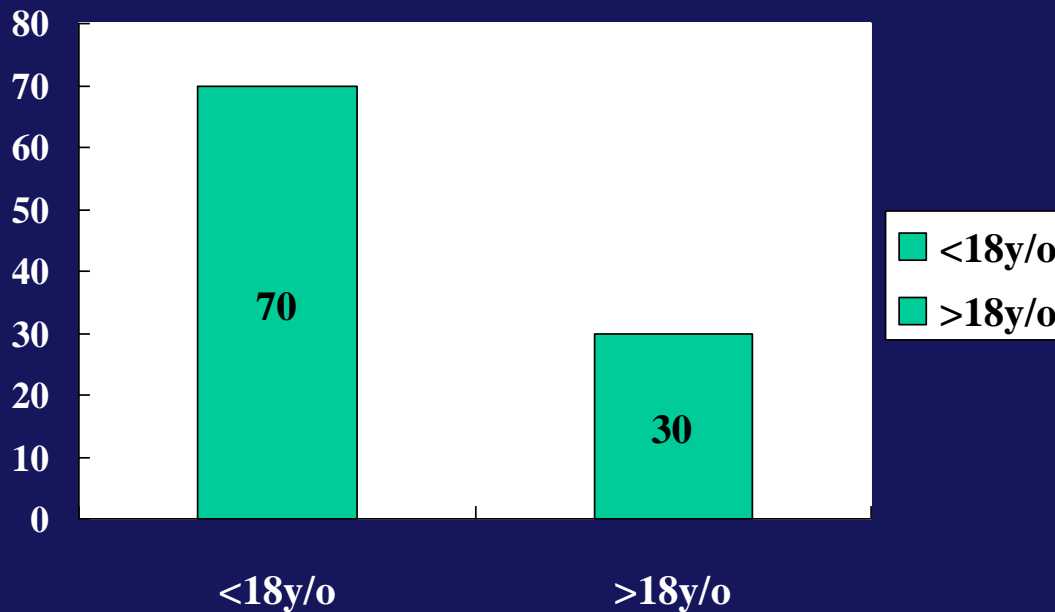


IMR: Individuals with mental retardation

Results

Results-1

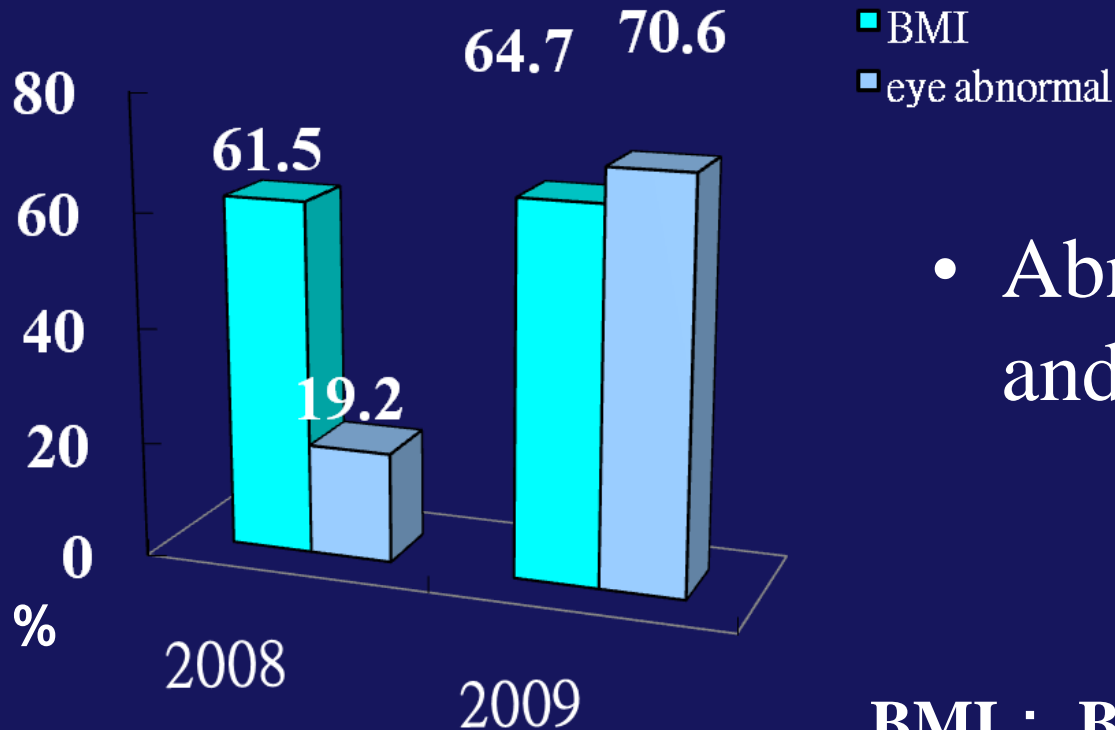
Age rate



- Age distribution = 71/ 103
- < 18 y/o (70 %)

From age 1 to 52

Results-2

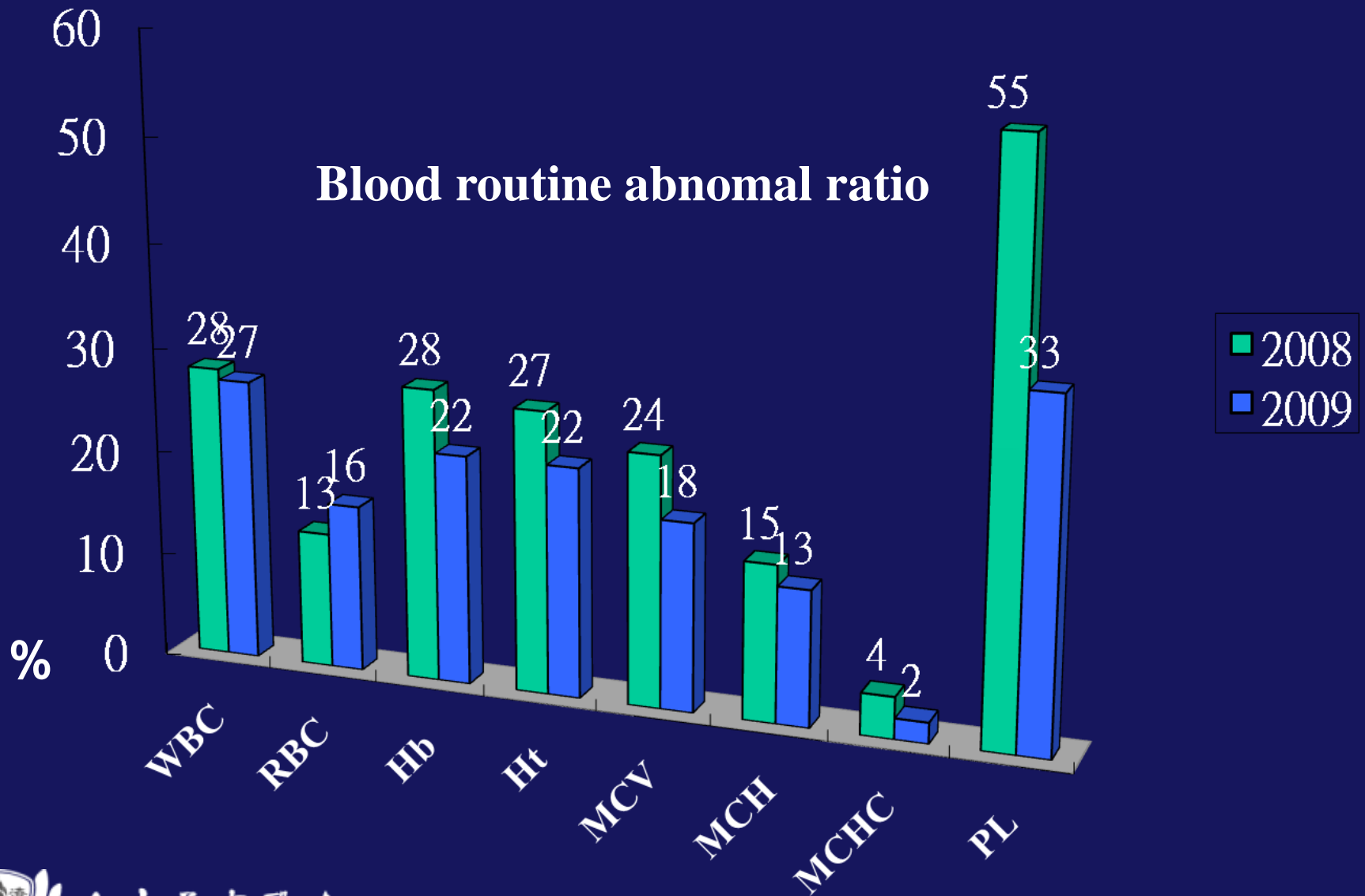


- Abnormal : BMI and poor vision

BMI : Body Mass Index

Abnormal BMI : < 18 or > 24

Results-3



Results-4

Urine abnormal ratio



Discussion

- There are 70% of subjects are less than 18 years, in this specific group, mental retarded adolescents (< age 18), mostly need health attention.
- Pediatrician and general practitioners should be involved.

- There were 63% of mental retarded subjects with abnormal BMI; 45% of subjects with poor vision

- The routine blood tests may not be necessary .
- The higher platelet needs to be further evaluated.

- Asymptomatic pyuria needs to be followed up.

Conclusions

- The mental retarded subjects need more medical attention.
- The integration of hospital and providers play a key role in health care.

Acknowledgment



Dharma Master Cheng Yen

~ Treasure each and every moment to share one's love and serve society through concrete action.



Thanks for your attention

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