

The Hong Kong Society for the Blind  
Residential Services Divisional  
Dementia Care Service Team (DCT)



香港盲人輔導會  
THE HONG KONG SOCIETY FOR THE BLIND




合适视力缺损的失智症长者的治疗活动  
Introductory of Activity Based Program for  
Elderly with Dementia and Visual Impairment

Joanna Lee and Armstrong Chiu  
Occupational Therapists of HKSB

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Prevalence of Elderly with Visual Impairment (VI) in HK

- Population of VI in HK:  
~ 70,000
- Population of VI of Elderly in HK:~  
40,000
- Totally Blind & Severe LV: ~10,000
- Mild & Moderate LV: ~30,000


Homes for the Aged Blind



Kowloon Home for the Aged Blind  
Capacity : 78 Care and Attention places for the female only



Yuen Long Home for the Aged Blind  
Capacity : 80 for both sexes, including 60 places for Care and Attention Section and 20 places for the Infirmary Section




Bradbury Care and Attention Home for the Aged Blind  
Capacity : Care and Attention places for 52



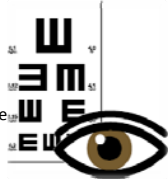
Jockey Club Tuen Mun Home for the Aged Blind  
Capacity : 240 for both sexes including 200 places for Care and Attention Section and 40 places for the Infirmary Section.

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What is Visual impairment  
甚麼是視障??

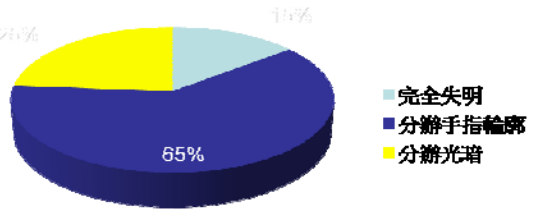
- Best aided visual acuity of the **better eye** is 6/120 (1/20) or worse, or a visual field closest to the line of fixation in the better eye being 20° or less in the widest diameter
- Visual acuity of less than 6/18 or 1/3
- Approximately three to four times the population of the blind



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Dementia and Visual Impairment  
(Data from our 4 aged homes)



Info Source: DCT Review 2007-2008

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Experiencing Visual Impairment  
體驗視障

Put on the Goggles that you can experience 1/3 normal vision

Size  
Shape  
Contrast

6

### Can you find circles among the triangles?

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### Variation in size /color

8

### Contrast

9

### Study of Dementia and Visual Impairment

- Lack of formal research and reliable data
- No comprehensive study
- Few documents address the characteristics and needs of people with both dementia and visual impairment.
- ? Population

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### Comorbidity Condition

Aged blind with **dementia**  
Need nursing home care.

**Risk and Challenging  
In Client Occupation**

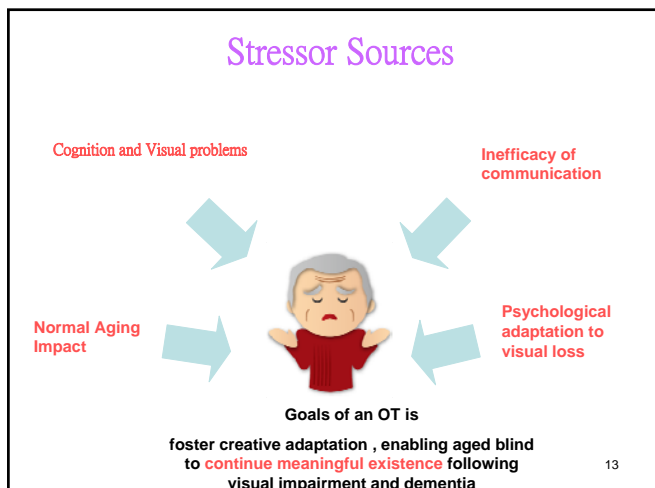
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### Major causes of visual impairment in HK?


 Blindness	 Cataract
 Age Related Maculopathy	 Glaucoma

The No. of VI is INCREASING with the AGEING

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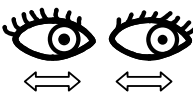
### General Comparison of VI and Non- VI

	General	Co morbid
Cognition	Disorientation ☆☆ Misrecognition ☆	Disorientation ☆☆☆☆☆ Misrecognition ☆☆☆
BPSD	 Wandering ☆☆☆☆ Hoarding ☆☆ Hallucination ☆☆ Low mood ☆☆ Anxiety ☆☆ Insomnia ☆☆☆	Wandering ☆ Hoarding ☆☆☆☆☆ hallucination ☆☆☆☆☆ Low mood ☆☆☆☆☆ Anxiety ☆☆☆☆☆ Insomnia ☆☆☆☆☆
Sundown Syndrome	☆☆	☆☆☆☆☆
Charles Bonette syndrome	N/A	☆☆☆☆
	1☆ Less Severity	5☆ More Severity

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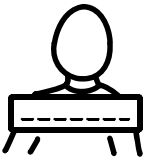


### General Strategy in enhancing group activity with


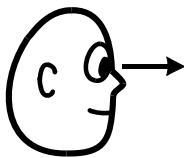
My eyes move around quite a bit especially when I am tired so it is really helpful if my appointments are not too early in the morning or late in the afternoon. Somewhere between 11am and 2pm is best.

Say my name when you start to talk so that I know you are speaking to me




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### General Strategy in enhancing group activity with



Stand over to my left as I can see a bit better in that eye.

I should be wearing a pair of silver metal-framed glasses when I arrive (my 'far away specs'). But if you need me to look at something close up I will need my tortoise shell plastic framed glasses ('close up specs').




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### General Strategy in enhancing group activity with





If I need to look at something quite small, I carry a little magnifier but you might need to remind me to use this

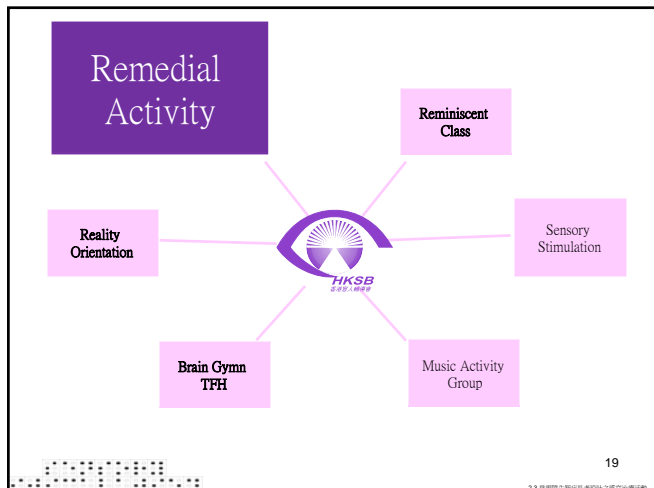
I find bright lights difficult so it's helpful if there are no lamps close by my face or bright sunlight coming through the window.



I can read a little bit and prefer information to be easy words with pictures or symbols. The words are best in arial n,pt 24 font with symbols/pictures of at least 4cmsx4cms.



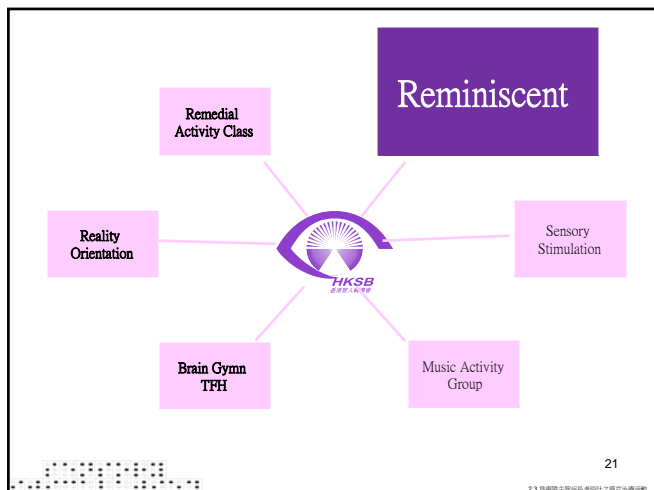
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### Remedial Activity

Household chores

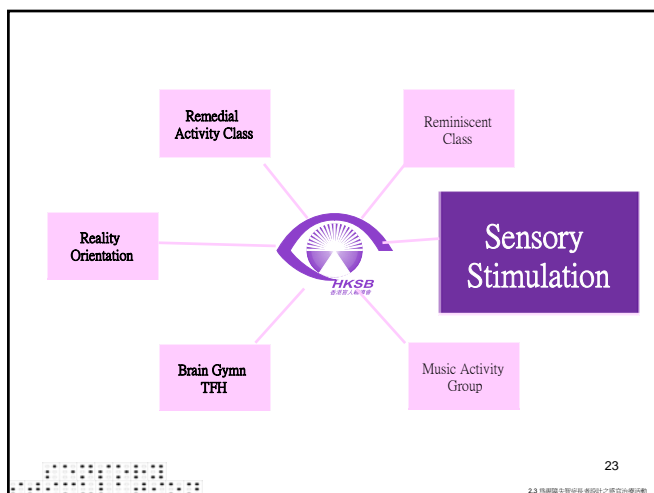
Symboic reflection of the owner identity  
Maintain dignity



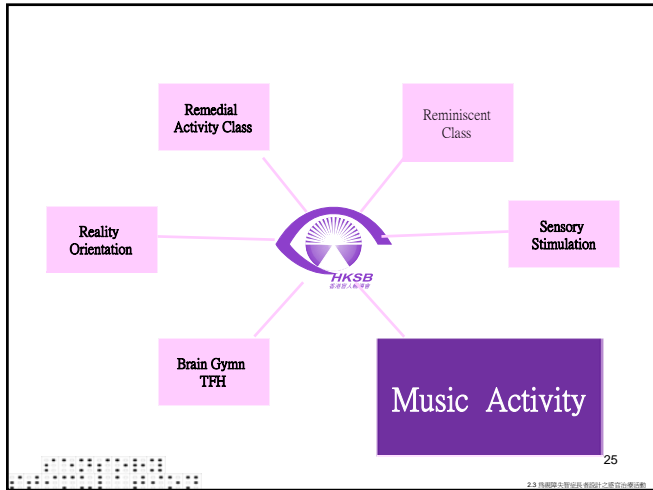
### Reminsencent

Present

Past

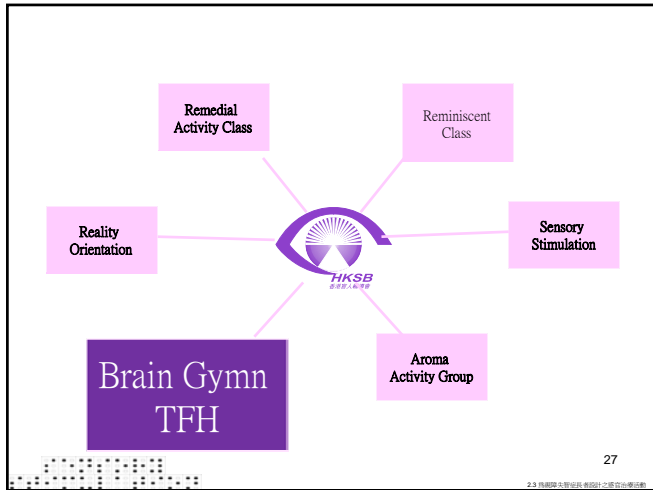


### Sensory Stimulation



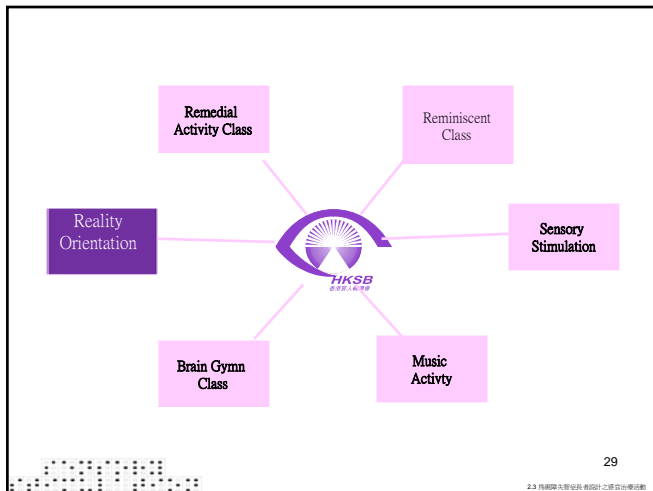
### Music Activity

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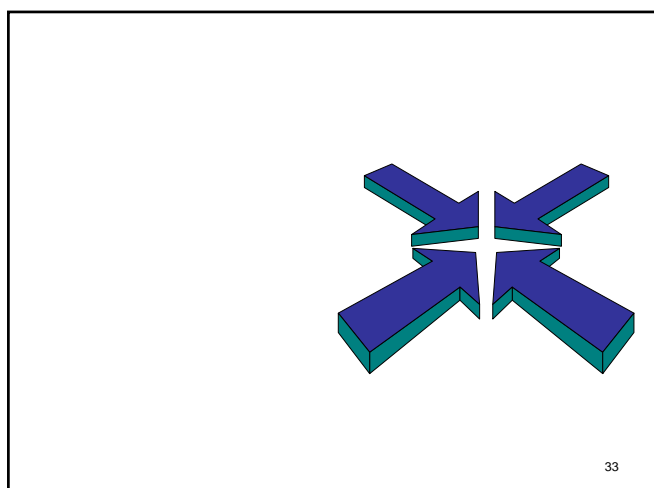
### Brain Gym®/ Touch for Health

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### Environmental Design

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### Difficulties in assessment of elderly with co morbidity

- Screening of **dementi** and **VI**
- Poor performance other than **dementia** on a standard test was poor vision or blindness.
- Compensatory techniques affected by visual and cognitive process

### Potential areas for further research were:

- Sensitivity of screening/ assessments
- Needs of people with **dementia** and visual impairment
- Optimizing vision in people with **dementia**
- Understanding vision impairments resulting from **dementia**
- Educational programmes for caring staff
- Rehabilitation techniques
- Environmental design
- Development of appropriate assessments

### Independence and

Thank you!!!!

