



## Clinical Practice and Treatment Activities

Inspiration from IPA silver congress, Osaka

*- A new one-minute dementia screen test -*

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## Common cognitive assessment in Hong Kong

- Mini-mental State Examination (MMSE)
- Dementia Rating Scale (DRS)
- Clinical Dementia Rating (CDR)
- Alzheimer's Disease Assessment Scale (ADAS)
- Abbreviated Mental Test (AMT)



## Common characteristics of Ax

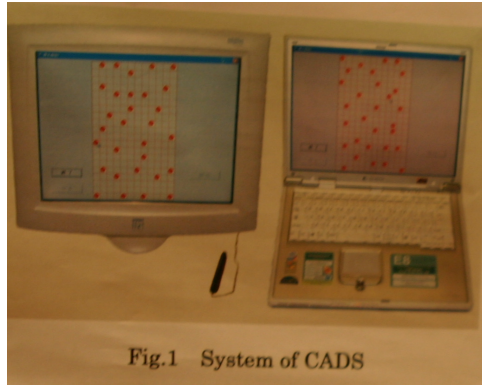
- Conventional tests
- Assessment done by professionals
  - Psychiatrists, nurses, occupational therapists, etc.
- Clients may have following feeling when taking an examination
  - Nervous when taking examination
  - May refuse, denial when facing "difficult" answer
- Some examinations may be time consuming



## Computer Applied Dementia Scale (CADS)

- A new one-minute dementia screen test
  - Department of Neuropsychiatry, Kinki University  
School of Medicine
  - Institute of Health and Sports Science, Kinki University
- As a screening test for early detection of dementia
- Required only one minute for assessment

## Computer Applied Dementia Scale



## Computer Applied Dementia Scale

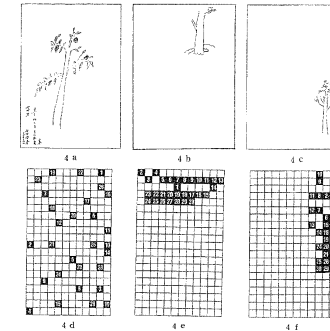


図4 代表的なパターン（罫水図）とCADSの打点図  
 上段-パワム（罫水図）の例  
 4 a 正常高齢者（70歳女性）（文藝誌より許可を得て転載）  
 4 b 認知症（相模男性）（自験例）  
 4 c 認知症（71歳女性）（文藝誌）  
 下段-CADSの打点図  
 4 d 正常高齢者（69歳男性）  
 4 e 認知症（80歳女性）  
 4 f 認知症（81歳女性）

## Psychometric properties...

### Cross-sectional research

- Positive correlation between CADS and WAIS-R full scale IQ and performance IQ, and the Kohs' block-design test
- Test-retest reliability
  - High correlation between first and second test
  - 30 cases

## Computer Applied Dementia Scale

- Simple test which involves only touch 30 points
- Non-invasive test
- Administered without the feeling of being under examination
  - Approached as a game
  - Easy to implement



## Inspiration...

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- Without the feeling of being under examination
- Saving time
- User friendly
- Screening
  - Required further diagnostic examination!!!
- Early detection
- Skills in conducting cognitive assessment



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Thank you!!!