



Learning ability in people with dementia

FRANS HOOGEVEEN

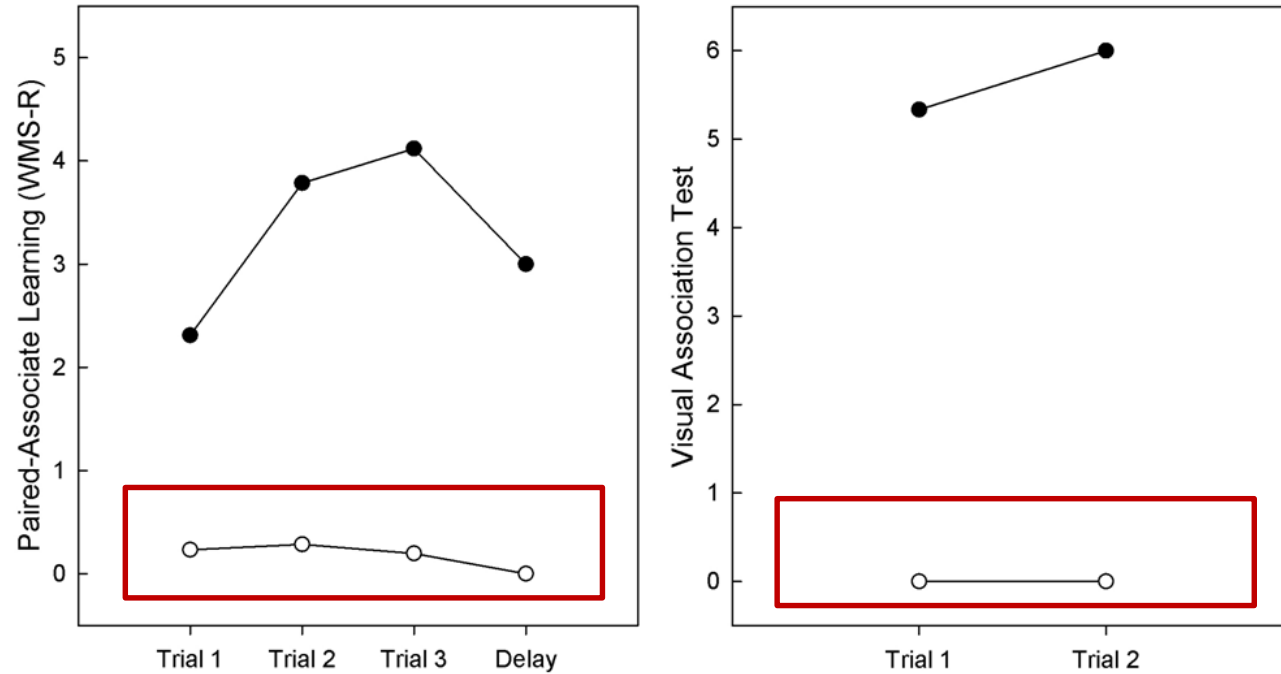
Process

Dementia
is a
'process'



ALWAYS POSSIBILITIES!





Memory
problems in
severe dementia
(MMSE 5-12)

Priming

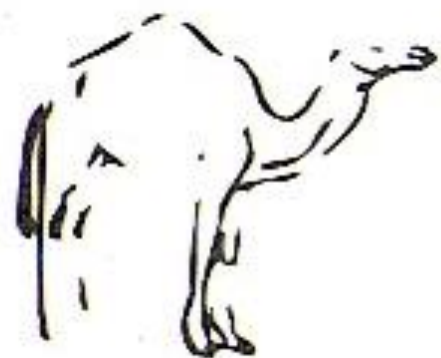
Reacting faster to or recognizing faster a stimulus that one has experienced before. It is looked upon as one of the manifestations of subconscious or implicit memory.

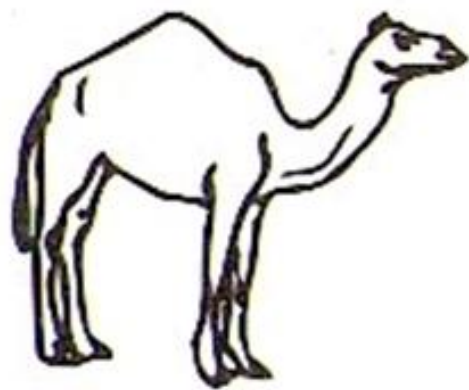
Handwritten text, possibly a signature or initials, consisting of several small, dark, stylized marks and characters.







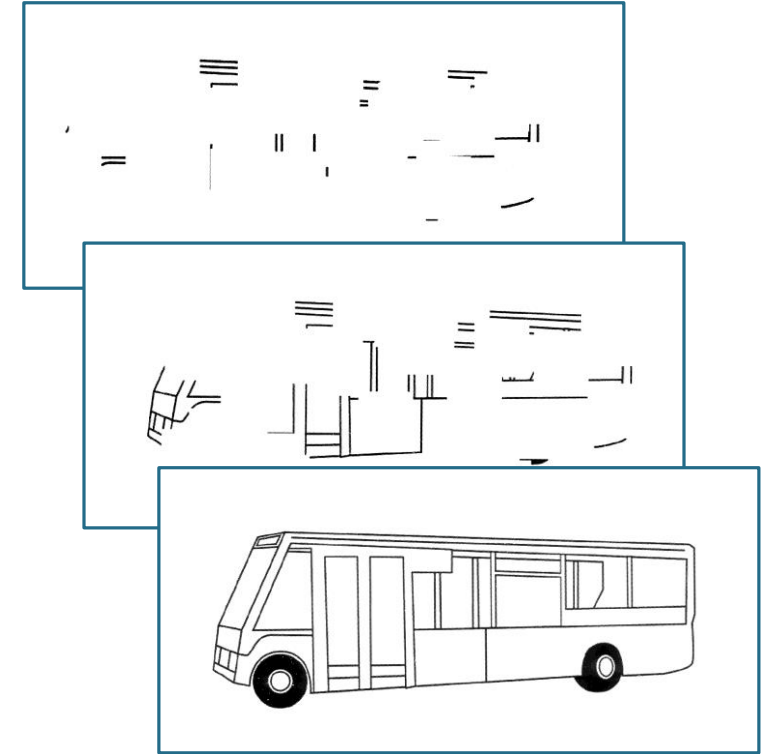
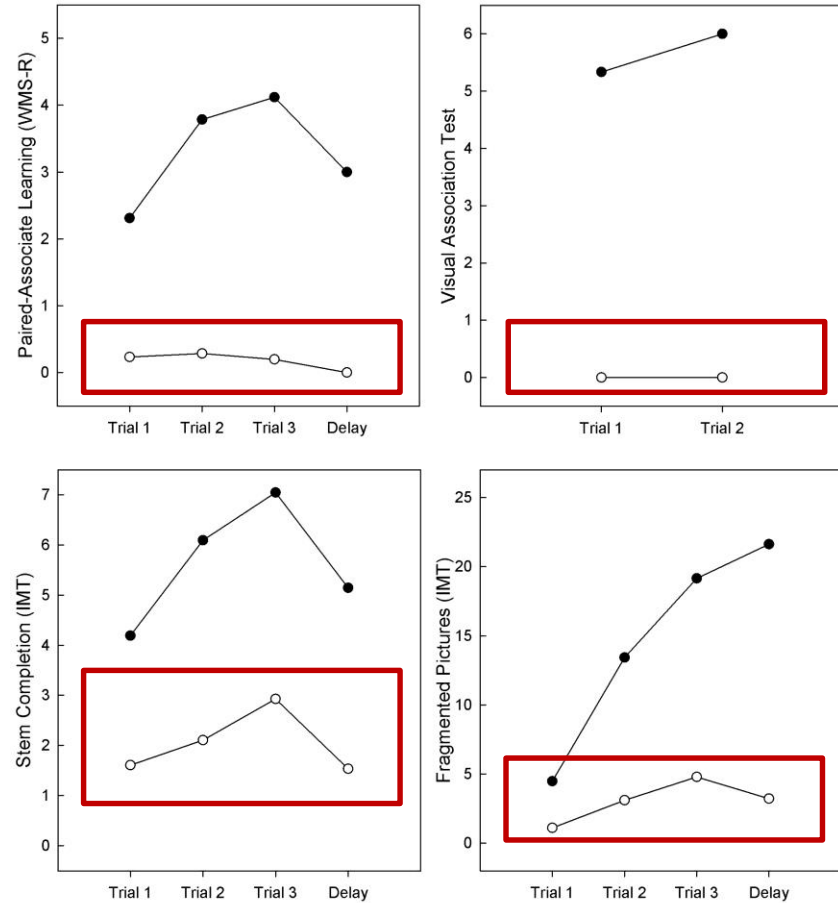




Handwritten text, possibly a signature or initials, consisting of several groups of scribbles and marks.

Memory problems in severe dementia (MMSE 5-12)

Implicit Memory



Kessels, Remmerswaal, Wilson, 2011

Three types of memory

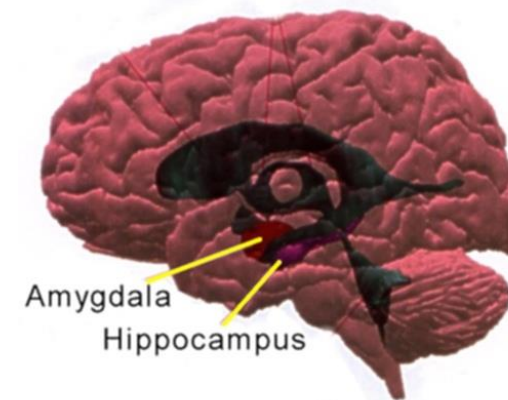
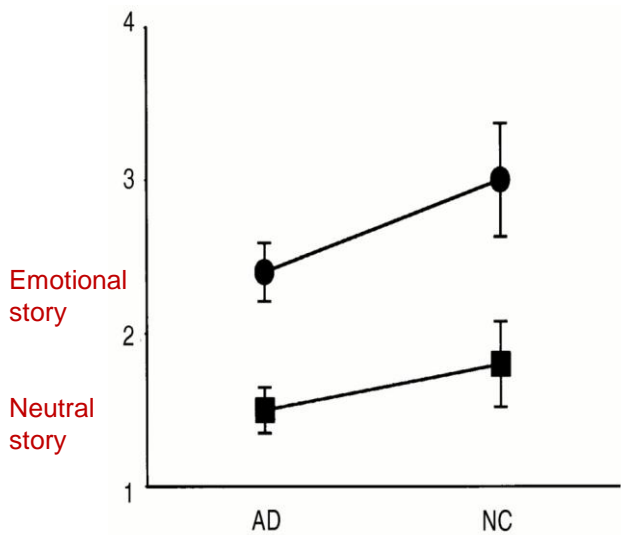
partly stay
intact in
people with
dementia:



- Automatic or associative memory: the recognition of earlier seen information
- Emotional memory: positive and negative experiences are more easily remembered than neutral information
- Memory for routines: earlier automated skills like brushing teeth, the saying of prayers and swimming

Nine Eleven (2001)





Kazui e.a. The British Journal of Psychiatry 2000;177:343-347

Emotional Memory

Routines stay
available a very
long time when
they are
automated
earlier in life



Four types of learning stay promising in people with dementia:

Associate learning or classical conditioning

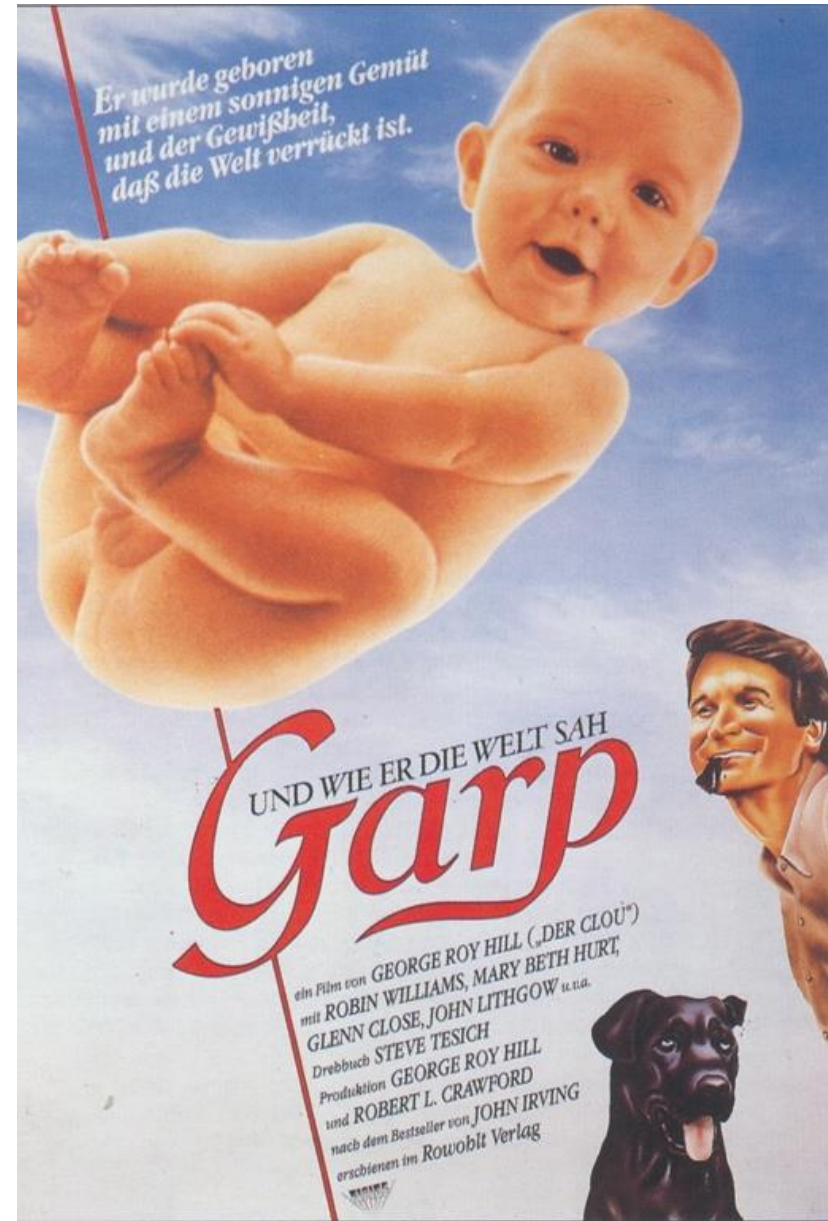
Emotional learning

Operant learning

Errorless learning



Associate learning



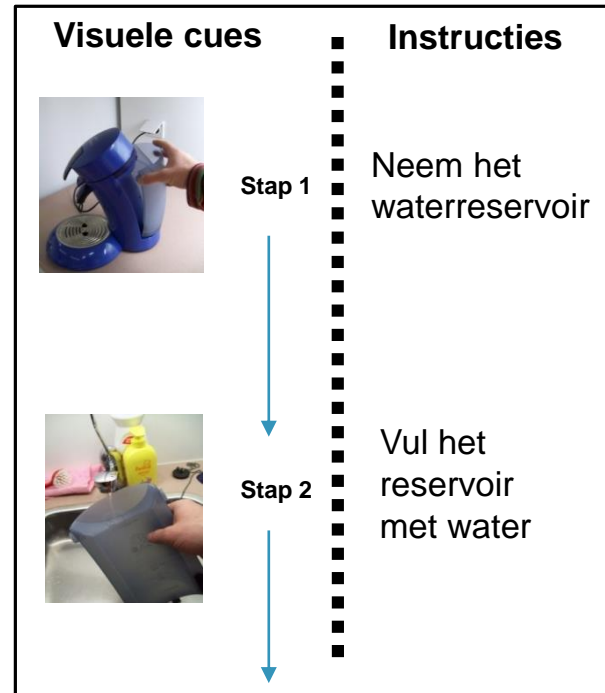
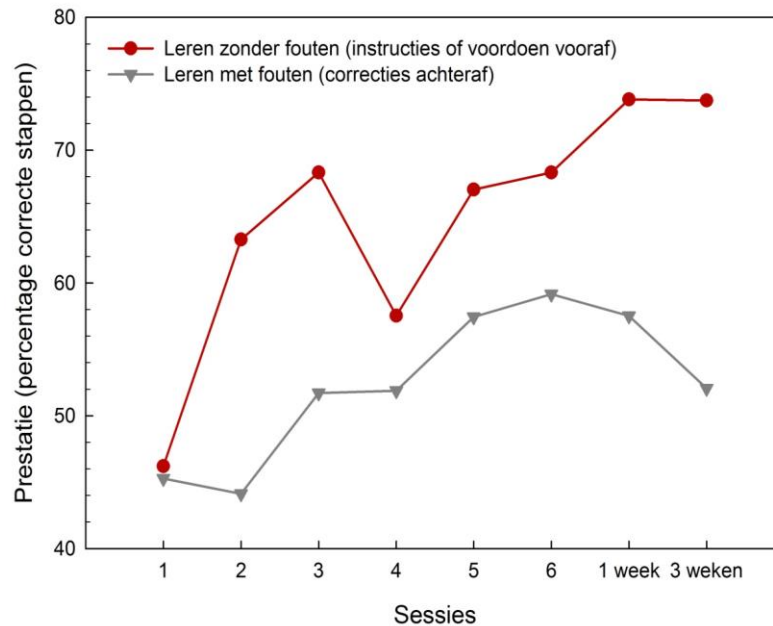
Emotional learning







Operant learning



Errorless learning

A large, solid pink square containing the white text "D5" in a bold, sans-serif font.

D5



Mevrouw Verlaan

Process

Dementia
is a
'process'



ALWAYS POSSIBILITIES!



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Thank you
for your
attention!

