



EPICREHAB

CLINICAL RESEARCH CONSORTIUM

WON Telerehabilitation:

Let's get going!

March 6, 2013

STATEMENT OF THE PROBLEM

- Full neuroplastic recovery requires a long time.
 - Consistent & persistent just-right challenges daily, up to a carefully confirmed plateau.
- Long RTW timeline for high-ability people in high-demand jobs makes rehab costly.
- Treatment usually truncated before recovery due to overhead facility costs.
- Sustained employer & family participation is crucial, but difficult if client is absent for long periods of time.

DECELERATING NEURONAL RECOVERY

- After initial recovery, slope of recovery decelerates and appears to wane.
- Lack of rehab q decelerated slope prohibits RTW for jobs with high cognitive demand.
- Extended recovery is reasonable:
 - Proper services stimulate focused neuroplasticity.
 - Regular measurement confirms progress.
 - Client remains engaged and dedicated to recovery.
- Direct relationship between job's cognitive demand and resources available for rehab.

WORK-ORIENTED NEUROREHABILITATION

- A systematic process of measuring and developing the work capacity of a person with neurologic, cognitive, emotional, and physical impairments.
- Participation in work is both the context and target of *optimally-effective* services.
- Employer and family actively engaged w client to plan and carry-out services.
- Interdisciplinary, with the principal active disciplines linked to the appropriate rehabilitation stage.

WHICH CLIENTS ARE RIGHT FOR WON TELEREHAB?

- Local infrastructure & proper equipment.
- Knowledge, skills & ability to use equipment.
- Security & space in the home.
- Local service support.
- Client Motivation / Family Support
 - Both solid = 2x / per week assignment & supervision.
 - Client fluctuating w good family support = daily.
 - Do not set up WON telerehab if client has lukewarm motivation or poor family support.

45 Y-O CLIENT FOR WON TELEREHAB?

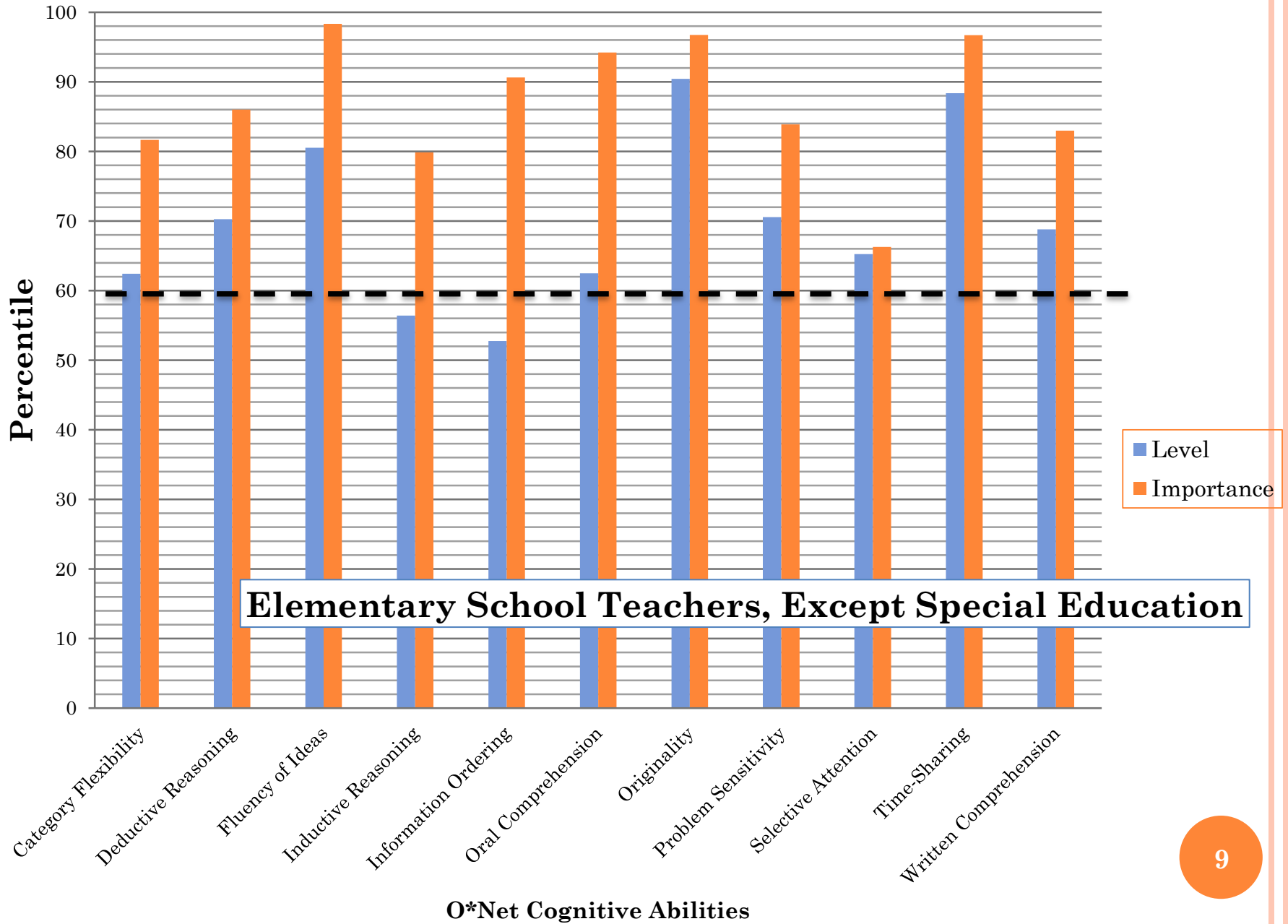
- I fell and hit my head suffered a concussion... at least the fourth mild traumatic brain injury of my adult life. This one caused me more -- and more severe -- symptoms than I had ever experienced before.
- I have been diagnosed with post-concussion syndrome.
- I was just starting my second year as an elementary school teacher.

45 Y-O CLIENT FOR WON TELEREHAB?

- I am eager to find the best-qualified experts to help me to determine whether it makes sense for me to work towards returning to the new career which I'm passionate about.
- I am also trying to search out all possibilities that may exist for rehabilitation which might help me improve my executive functioning and emotional control.

45 Y-O CLIENT FOR WON TELEREHAB?

- I do not consider geographical considerations to be a significant factor in my search for the right place to go for rehabilitation.
- This is a typical request we get occasionally.
- If there is a need, should we offer a solution?



SHOULD WE SET UP A PAGE OF RESOURCES?

- The CRC Members page could be a resource to which people could turn for independent practitioners to contract directly for services.
- We would identify this as a WON Telerehab resource on Web Crawlers and list on our other websites.
- I would announce at the Scripps Conference.
- We would only list people known to us.
- Applicants would need 2 references from members.
- There would be no charge to the Founders.
- It may or may or not go any further.

SHOULD WE SET UP A PAGE OF RESOURCES?

- We could assist each other with information and new resources.
- We could collaborate on things like forms:
 - Informed consent
 - Authorization for Service Reimbursement
 - Privacy Practices
- We could consult on best practices.
- We could share ideas on special problems and solutions that worked.