

VISION AND BEYOND

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GOAL OF PRESENTATION

- Vision is something beyond just plain thought
- Definitions
- Add a thought process in your exam
- What to expect to find ...
- How to affect it ?
- Final comments

WHAT IS YOUR DEFINITION OF VISION ?

- Just something to think about your roots in practice
- Are you mechanical ? Find what's wrong and fix it
- Are you analytical ? Find what ails the patient and guide the process towards a change
- Are you motoric ? Find the flawed function and train a proper response
- Are you symbolic ? Find whatever you need to discuss w patient
- Are you philosophical ? Just analyze and refer to research
- Do you grow every day ????

VISION IS NOT JUST A PLAIN THOUGHT

- Thought Is it brain or mind ?
- Is there a feedback loop that needs constant rechecking and fine tuning
- Vision as a word is construed to mean different things to different practitioners.
- Vision is a process that produces a product instantaneously through tissue that allows the animal to analyze its surroundings and respond accordingly

SO.....

- Is vision motor based ?
- Is vision sensory based ?
- Is vision action based ?
- Vision is all of the above and then some

COMMON GREEK SAYINGAKOU NA DEIS

- Literal meaning is Listen so you can see
- The visual component here is closer to the term used as focus, like when focusing on a topic and concentrating to understand it

VLEPO VERSUS ASTIAZO

- Vlepo is to look at something versus astiazo means to fixate on something, both are lower level mechanical movements of the eye that incorporate higher levels of viewing and understanding perceptually what is being viewed

ORASE VERSUS ORATOTITA

- Orase is closer to what we call visual acuity but more precise since it incorporates how one views
- Oratotita is the measurement of that viewing
- Ora is the measurement of time

REASON FOR THIS GRAMMAR DEFINITION

- Ophthalmos is the eye in Greek
- Ophthalmologos is the person who studies the eyeball or an eyeball doctor
- Ophthalmiatros is the eye doctor
- Optometry literally means the measurement of the eye
- Optometrist role is to detect defects in vision, signs of injury, ocular diseases or abnormality, and problems with general health

ADD A THOUGHT PROCESS

- We all know Skeffington's four circles
- Well what if they were the base of a pyramid which we know is vision and at the apex is CSBV or your definition of the output of vision
- Is it the motor output or the action reaction output
- Is there a biofeedback loop along the sides of the pyramid
- Or.... Is it a cone ?

THUS WHATEVER YOUR DEFINITION OF VISION REHABILITATIVE THERAPY IS

- Consider building the base of the pyramid
- Build the skills Primate reflex work, motor work or increasing the values that were discovered to be below norm during your analytical
- Then is the incorporational steps, where the skills are integrated and automated along with higher level synapses created
- Finally is the output or the result that is more comfortable for use , but are we making everyone like ourselves or actually helping ?

WHAT TO EXPECT TO FIND

- Symptomatic patients vary in how far off they are from the analytical norms
- Find head trauma patients have smaller differences with larger symptoms
- Find large angle tropes with no symptoms since they have developed skills to deal with the situation eg suppressions or HARC or UHARC (should be HAC or UHAC)
- Find some patients even just neglect certain areas that give them difficulty ... eg visual neglect vs visual field loss vs tunnel vision
- Some patients will surprise you since you are not just dealing with tissue but the mind over matter (the brain and the visual pathway)

WHY ARE WE DISCUSSING THIS ?

- The optometrist is the only one that is capable of scratching the surface to affect any of these issues.
- So we need to educate the public or let them come in with the next great invention they saw on tv that works that they purchased ... pinhole glasses, blue blocker glasses or the new blue thingie for the computer

HOW DO WE CREATE A CHANGE ?

- Armies always did better when they present a unified front.
- Its sadly a numbers game, the more people they hear it from the better.
- So we need to have a way to spread the word so as to alleviate symptomology and go back to basics to create a change in the world.
- People were plagued with a pandemic and some still refused vaccination or wearing a mask because the education of the mass public was flawed.
- We need to do better.

FINAL COMMENTS

- Keep goingWe continue to learn every day and we have come to realize we know so little.