[August 29, 2019]

brightlamp THIS WEEK

We're glad you're here.

OUR BLOG THIS WEEK

IS QUANTITATIVE PUPILLOMETRY RIGHT FOR YOUR PRACTICE

A REALISTIC LOOK AT THE CLINICAL APPLICATIONS

TRADITIONAL PUPILLARY ASSESSMENTS COULDN'T KEEP UP, let alone facilitate modern research and innovation. And so the quantitative pupillary light reflex (qPLR) was born. But would you even use it?

This week, we look at a brief history of the pupillary light reflex assessment, how it's been used by physicians in the past, and why today it's more important than ever. We also explore five criteria to help you decide if the quantitative pupillometer would be a total waste —or just what your practice needs.

READ NOW

IN CASE YOU MISSED IT

• How Can a Patient Who Can't Move Tell You He's There?

Associate professor Martin M. Monti, Ph.D. from UCLA Departments of Psychology and Neurosurgery asks the question.

For months, he lingered in a purgatory between wakefulness and nothingness. Investigative reporter Joanne Faryon and the Los Angeles Times dive into the life of Omar Salgado after a 2015 car accident left him semiconscious and on life support. "But his is not a story about a miracle," Faryon write, "it's a story about medicine's inability to accurately diagnose consciousness."

Read the full story here.

• Neuro-Developmental Optometrist Dr. Mary VanHoy in Her Own Words

"I use it [Reflex] as part of my standard pupil measurements. Looking at the size of the pupil under certain lighting conditions, how rapidly did it dilate…I can save that to their file and then compare it from one day to the next."

Watch her testimony here.

• New Study Reveals Objective Biomarkers for Anxiety

Experts may not necessarily agree on a primary cause, but no one can deny there's a phenomenon of stress and anxiety plaguing modern culture.

This week, researchers at NeuroFlow, Inc. "demonstrate the potential for using machine learning tools to identify objective biomarkers useful for diagnosing and monitoring mental health conditions like anxiety and depression."

Explore their research here.

• Are You Registered for NORA 2019?

The Neuro-Optometric Rehabilitation Association, International (NORA) 2019 Clinical Skills Pre-Conference (September 19-20) and 28th annual General Conference (September 21-22) will be held at the Embassy Suites by Hilton Scottsdale Resorts, 5001 N. Scottsdale Road, Scottsdale, Arizona, 85250.

If not, there's still time. ***Click to register*** today.

•Featured in NORA Last Week

Concussion Assessment Tool Uses iPhone Camera, May Be Able To Predict Other Neurological Conditions

“Right now we have optometrists, ophthalmologists, nurses, EMTs, even clinical researchers using it,” says brightlamp Chief Commercialization Officer Noel Paul.

Read the article .

• Repeat Concussions Leave Lasting Marks on the Brain

Causing diminished cognition, memory, and a noticeable change in behavior, chronic traumatic encephalopathy (CTE) is a serious and permanent neurodegenerative consequence of repeat concussions.

Krembil Institute Clinical Investigator Dr. Carmela Tartaglia explains how “not everyone with multiple concussions gets CTE.” At the moment, however, scientists aren’t sure “why it develops in some people with multiple concussions but not others.”

Read this short scoop from University Health Network—or ***investigate the original research*** for yourself here.

• The Results Are In: Pupillometry Outperforms Penlight in Neurocritical Care

And finally, coming October 2019, ***the official review*** from Current Neurology and Neuroscience Reports.

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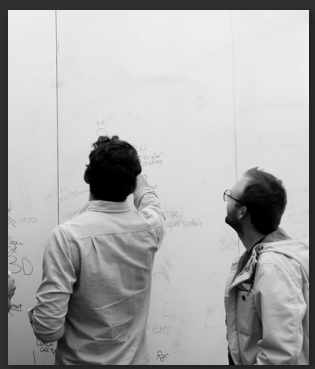

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