

Refining 'Umbrageous' Recommendations

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Washington, DC
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Abstract

Modifications are suggested for recommendations re: viewing of solar eclipses, to benefit health and public safety. Prevention of ocular insult is the prime objective. Compliance must be taken into account. A brief discussion of pathophysiology and diagnosis of solar retinopathy is included.

Computing and Technology Roundup, 2018

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Abstract:

New developments, methods and apparatus are suggested for Vision-Therapy and Low-Vision patients, as well as ideas and techniques that can benefit the public in general. Practice-management suggestions are offered.

Binocularity/Stereoscopy/VR/Form Perception

New 2D-to-3D SBS or anaglyph (Amber/Blue) converter, (NOT 3D SBS to anaglyph) Basicest(TM) BAS223

View Master VR Headset can be used with 3rd-party SW, as Brewster stereoscope

VLC Media Player new versions will take an SBS 3D input and convert on-the-fly to red-cyan anaglyph

VideoPad (can generate disparate anaglyphic video from 2D input) now up to version 5.32

Another Free 3D Roku Channel: *Superman 3D* – 2hrs 12min of Animated Anaglyphic (Red-Cyan) Video for VT Target

LED Video Projectors down to ~\$50 when on sale.

Self-focus spherical equiv adjustables

Electronic-autofocus glasses (prototype from Univ of Utah; not yet on market)

Gaiam Evolve Balance Board (Made to use while working; includes videos) amazon.com

Low Vision, Assistive Technology, Blind and Visually Handicapped, Visual Hygiene, Practice Mgt

Kindle Text-to-Speech capabilities expanding

Visual Accessibility iPhone and Android has improved; Google TalkBack Pre-installed on most new Android devices

thefreelibrary.com

Lighting, especially Full-Spectrum, for LV, Contrast and General Health:

OttLite LED Travel Light and Book Light ottlite.com

Fulight Full-Spectrum Bulbs amazon.com

Chameleon LED Table Lamp Eschenbach
White light Cordless rechargeable 3-level Desk Lamp HaMi

Shown at CES: Reusable Airbag that can be worn on the hip, containing a microprocessor, to cushion against a fall and prevent fractures in the elderly – in testing, with marketing expected within a year.

Color Vision software – online Ishihara-type plates visiontechnology.co

Iris Mini Pro, for Win, Mac, Linux Pro Changes color temp and screen brightness (non-Pro version is free) Has Automatic and Manual modes

Still cannot get a DECT6 cordless phone for N Amer, that does not emit EMR even when on the hook.

Touch-Screen-Compatible gloves, gaining some popularity

nonda iHere 3.0 (2nd Gen)Key/Phone Finder
TrackR and Nut Mini Tracker

MileIQ Mileage Tracking