The Big Lie in Glaucoma Treatment!

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Glaucoma is a serious disease that can lead to blindness.

The advice given in this presentation is no substitute for your continued care with your eye doctor!

Do not stop your eye drops and begin any of these treatments unless you first discuss this with your doctor!
Over Diagnosis of Glaucoma

- Doctors are getting into prevention.. *the wrong way*
- Diagnosis of glaucoma is difficult in many situations
Glaucoma is a very serious disease

• Can lead to blindness
• Unlike macular degeneration which rarely leads to blindness
Glaucoma numbers are growing!

- Primary open-angle glaucoma increased 13.8%.
- The percentage of glaucoma suspects increased from 6.5 %
- Percentage of narrow-angle glaucoma 2.7 %
The Big Lie
Glaucoma is more than just pressure

- Emotional state
- Central nervous system disorder
- Oxygenation
- Circulation
- Nutrition
- Detoxification
Diagnosis of Glaucoma

• Elevated eye pressures. There is a condition called low tension glaucoma
• Visual fields changes. Loss of peripheral vision
• Changes in the optic nerve
Figure 2: Case 2 - Goldmann visual fields showing incongruous left homonymous hemianopia. Middle, fundus photograph showing diffuse pallor in the right eye (OD) and band atrophy of the optic nerve in the left (OS). Below, Stratus - Optical coherence tomography showing retinal nerve fiber layer loss in the superior and inferior quadrant (arrows) in OD and in the temporal and nasal aspects of the optic nerve in OS (arrowheads).
Current Treatment of Glaucoma

• It is crazy!
• Glaucoma is more than pressure!
• It is about the health of the optic nerve
  **AND**
• The health of the person!
The Glaucoma Equation

Circulation

Pressure
Like treating high blood pressure by destroying Blood production!
Ways to Improve Function and Health of Optic Nerve

1. Lower pressure
2. Reduce inflammation
3. Reduce toxic effects
4. Increase cellular activity
5. Increase circulation
6. Increase oxygenation
7. Neuro-protective
8. Neuro-regenerative
Toxic Heavy Metals can adversely affect the optic nerve

- Lead
- Mercury
Testing for Heavy Metals

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6 hour Urine for Heavy Metals
Chelation with EDTA
TACT Study

• Heart Disease Improved 26%
• Diabetic Heart Disease Improved 39%
• Heart Attack Improved 23%
Chelation Therapies-
Improving circulation and removing heavy metals

- Intravenous
- Rectal
- Topical
- Oral
Microcurrent!!
Mechanism of Microcurrent

- Increase circulation
- Increase cellular activity
- Reduces inflammation
- Reduces scar tissue
- Neuro-protective effect
- Stimulates Stem Cells
A simple, non-invasive treatment that can wake up your optic nerve, lower your pressure and improve vision immediately.
Cheng, Ngok,

- Ngok Cheng in 1982 studied the effects of TENS on the skin of the rat. He applied different levels of current on the surface of the rat skin and then studied the changes in the cells using electron microscopy.
- This technique enabled him to observe the changes in the cellular mechanics.
- His results indicated that between 50 and 500 microamperes will cause an increase in mitochondria and an increase of 300 to 500 percent in ATP levels.
- He also noted that at this level there was an increase in protein.
Used widely by athletes

- Treating injuries
- Reducing inflammation
- Breaking up scar tissue
- Increasing the rate of healing in the body
Electroacupuncture Provides a New Approach to Neuroprotection in Rats with Induced Glaucoma

• THE JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE Volume 11, Number 2, 2005, pp. 315–322

• The animals were divided into 3 groups: no treatment (non-EA control group), 2 Hz EA group, and 100 Hz EA group

• Application of EA at 2 Hz provides neuroprotection by preserving retinal function in rats with experimental glaucoma.

• Low frequency EA may be an alternative therapy in the treatment of glaucoma.
Microcurrent Studies

- Microcurrent in the treatment of retinitis pigmentosa
- Microcurrent reduces intraocular pressures in glaucoma
- Microcurrent has a neuroprotective effect
Glaucoma-705 Cases treated with Microcurrent

- Average pressure reduction is 5 mm Hg
- Expansion of visual fields 20%
- Improvement of acuity 1.5 lines
- Improvement of contrast 3 letters
Improve Your Vision in 3 days?
Significant Improvement in vision parameters for 152 participants with at least one of 11 eye diseases using six alternative therapy interventions administered over a three-day time period.
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THE JOURNAL OF ALTERNATIVE AND COMPLEMENTARY MEDICINE

Glaucoma Results: 29 patients, 58 eyes
Average change in acuity: 6 letters
Average change in contrast: 3.6 letters
Average drop in pressure: 4.8 mm HG

Acuity Improvement
2 lines or greater: 10 eyes
1 to 2 lines: 26 eyes
Less than one line: 16 eyes
No change: 6 eyes

Contrast Improvement
Greater than 6 letters: 17 eyes
3 to 5 letters: 14 eyes
1 to 2 letters: 17 eyes
No change: 10 eyes
Visual field expansion:
Marked: 37 eyes
Moderate: 14 eyes
No change or minimal: 7 eyes

Pressure lowering
Greater than 5 mm Hg lowering: 13 eyes
1 to 5 mm Hg lowering: 27 eyes
*no change: 11 eyes
4A: Glaucoma - Acuity Improvement

- 2 lines or greater: 10
- 1 to 2 lines: 26
- Less than 1 line: 16
- No change: 6
4B: Glaucoma - Contrast Improvement

- Greater than 6 letters: 17
- 3 to 5 letters: 14
- 1 to 2 letters: 17
- No change: 10
4D: Glaucoma Pressure Lowered

Greater than 5 mm Hg lowering: 13
*No change: 11
Eyes: 27

Total: 42
4C: Glaucoma - Visual Field Expansion

- Marked: 37 Eyes
- No change or minimal: 14 Eyes

43
Visual field changes

Results of Kondrot program