Concussion – an epidemic condition?

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Concussion – epidemic?

- In Denmark optometrists experience a dramatic increase of patients with concussions.
- Smaller impacts has a higher consequence.

Concussions – what have changed?

- Visual demands
- Food
- Radiation from electromagnetic devices
- Increased physical passive time
- Increased stress long term and acute
- Increased toxic exposure

Visual demands

- Books (500 years)
- Television (50 years)
- Computers (30 years)
- Smart phones (10 -15 years)
- Electromagnetic radiation
- Increased physical passive time

Food

- More sugar and simple carbohydrates (11.000 years)
- Less Nutrients (50 year)
- Less fat (30 years)
- More toxins and additives. (constant increased exposure)
- Unbalanced microbiom
- Unbalanced mineral profile
- Increased inflammation

Less movements

- More physical passive time.
- Less blood flow to the brain
- The brains Lymphatic System depends on the blood flow
- Build up of toxins

Long term stress

- Energy/ stress ratio.
- Burn-out



- Psychological stress hormone reaction biochemistry response and the effect on the brain.
- Acute stress response to sharp pain.

Toxins

- Air
- Water
- Food
- Dental
- Cosmetics
- Pharmaceuticals

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