## THE VITAL CONNECTION

The Connection Between Water and Disease.

#### 1. Arthritis

- Back and neck pain may be caused by discs wearing out due to inadequate fluid within the disc.
- Discs are made up of a fibrous material called the annulus fibrosus which is filled with a jelly like substance called the nucleus pulposus.
- 75% of the weight of our upper body is supported by the nucleus pulposus.
- 25% of the weight is supported by the annulus fibrosus.
- When the discs are dehydrated, they are more prone to herniated and develop degenerative disc disease or arthritis.
- Cartilage provides the smooth surface so that joints can glide easily during movement.
- Cartilage is about 5 times slicker than ice.
- Cartilage is about 80% water.
- Dehydration equals increased friction which equals arthritis.
- Two quarts of water each day is preventative medicine for arthritis.

## 2. High Blood Pressure

- The body rations water to make certain the vital organs receive water first.
- Decreased water intake will result in decreased flow to the other areas of the body which in turn leads to constriction of the arteries.
- Constricted arteries results in increased blood pressure.
- Simply increasing our water intake helps to open up arteries.
- If high blood pressure is detected early enough, (prior to kidney damage) drinking two to three quarts of water a day may reduce the pressure to normal.
- If the disease progresses to the point that your kidneys suffer damage, they will not filter properly. In such cases, drinking this much water may cause edema.

## 3. Ulcers

- Water is required to hydrate the mucous lining of the stomach, which is 98% water.
- This mucous layer protects us against stomach acid and contains bicarbonate, which neutralizes the stomach acid.
- Water thickens the mucous layer, preventing the acid from burning the stomach lining.
- Most ulcers are caused by Helicobacter Pylori. Low gastric acid output encourages the growth of this bacteria. Most ulcer medications reduce or neutralize hydrochloric acid, thus encouraging the growth of the bacteria and creating a vicious cycle.
- Water provides lasting relief from ulcers.

#### 4. Asthma

- Bronchial tubes need water to have moisture in order to prevent constriction.
- Asthmatics usually have elevated histamine levels.
  Histamine is a neurotransmitter that causes contraction
  of muscles in the bronchial tubes leading to
  constriction.
- Animal studies have shown that the production of histamine will decrease as water intake increases.
- Water is, for this reason, an excellent treatment for allergies since allergies are also usually associated with elevated histamine levels.

### 5. Alzheimer's disease

- The brain 75% water.
- Water is required to bring nutrients to the brain.
- Dehydration leads to a lack of nutrients, and increased toxicity due to improper elimination of waste matter.

# 6. Anti-aging

- When we remove water from grapes, what do we have? Raisins.
- When we remove water from our skin, what is the result? Wrinkles.

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