

PROTOCOLS

Original Quinton marine plasma is manufactured in two distinct forms: (1) as an Isotonic solution that is precisely diluted to match the 0.9% salinity of human blood plasma; and (2) as a Hypertonic solution that is undiluted at 3.3% salinity.

While dosage is important, the clinical goal should be to encourage consistency. In general, Isotonic's overall effect is gentler than Hypertonic and is therefore better suited for sensitive clients.

Quinton marine plasma has been used by many physicians, for treatment of a variety of conditions, for many years. There is a wealth of clinical data that informs the protocols outlined by Original Quinton. At the same time, there is no "hard and fast rule" to recommended dosing.

Clinicians are encouraged to "listen" to their clients carefully to determine whether the protocols are well adjusted to the individual.

GENERAL PROTOCOLS FOR USE

General Biological Effects of Quinton

- Homeostatic Regulator: achieved through physiological law of osmosis
- Electrolyte Replenisher: natural substitute for synthetic Isotonic saline
- Ionic Balancer: achieved through extra-cellular fluid balance. Restoration of biological terrain

Suggested General Protocols for Healthy Adults

- 1 to 2 Quinton Isotonic vials per day; undiluted; on an empty stomach; 15 minutes before a meal; for first month.
- After first month, begin introducing 1 Quinton Hypertonic vial every other day; undiluted; on an empty stomach; 15 minutes before a meal; separate from intake of Isotonic.
- After second month, can step up intake of Quinton Hypertonic to 1 to 2 vials per day as indicated for up to 3 months.
- After 3 to 9 months, reduce intake of Quinton products and begin a maintenance program of between 1 and 6 vials per week as indicated.

BIO-TERRAIN DISTINCTIONS

Naturopathic and Biological Terrain Distinctions

- Balances internal fluids.
- Facilitates intestinal peristalsis, thereby addressing constipation.
- Clears toxins and removes excessive heat; supports deficient adrenal, pituitary, thyroid, and gonadal function.
- Ideal for supporting recovery from fatigue, low energy, and other depressive states.
- Promotes organic physiological growth & development.
- Assists the body in reducing inflammation and supports the body's ability to eliminate infections and parasites.
- Restores and opens up suppressed methylation and metabolic pathways in the brain and nervous system.
- Improves general intra-cellular and extra-cellular communication and restores membrane potential.
- Enhances pro-biotic activity, which promotes the proliferation of pro-biotic microorganisms.
- Restores Triple-Warmer/Pericardium Function (thyroid function and peripheral circulation/cold hands and feet).
- Restores mineral balance thrown off by excessive sweating, exertion, diarrhea/dysentery and coffee intake.
- Improves absorption of other nutrients.

PREGNANCY & MENOPAUSE

Peri-menopause Support Protocol

Quinton Hypertonic - Facilitates increased mental and physiological energy.

For depressive, fatigued, stressed women*

2 to 4 vials daily in the morning and at mid-day

Quinton Isotonic - Facilitates mental and physiological balance.

For overweight, hyperactive, nervous women

2 to 4 vials in the morning and at night

Expected Results - Results should be noted in the first 15 days of treatment.

Results may include:

- Decrease in frequency and intensity of hot flashes
- Subjective improvement in overall state of mind
- Improvement in circulation
- Improvement in the condition of skin, hair, and nails
- Weight loss or gain depending on the regulatory effect

Pre-menstrual Support Protocol: Begin taking 2 vials of Quinton Hypertonic in the middle of the menstrual cycle, continuing until the menstrual cycle becomes regular.

Peri-natal Protocol: The fetus drinks between 15 and 40 ml of amniotic fluid per hour in the third trimester. If the nutritional make-up of the amniotic fluid does not meet the needs of the developing fetus, birth anomalies can occur.

Clinical experience suggests the following protocol:

- First and Second Trimester: 1 vial of Quinton Hypertonic in the morning before any meals.
- Third Trimester: Add 1 vial of Quinton Isotonic in the afternoon between meals.
- While Breast-feeding: 2 - 3 vials per day of Quinton Hypertonic spaced throughout the day between meals.
- It is recommended that a quality pro-biotic be taken at the same time as Quinton.

PHYSIOLOGICAL DISTINCTIONS

For conditions related to parasympathetic dominance and slow oxidation.

ORIENTAL MEDICAL DISTINCTIONS

- Promotes The Flow and Conductivity Of Chi and Blood.
- Reduces Thick, Greasy Tongue Coating.
- Reduces Heat and Dampness.
- Restores Jing Essence.
- Restores Kidney Yang and Kidney Yin.
- Reduces The Accumulation of phlegm & mucus in the metal element (lung & large Intestine).
- Promotes Earth Element Function/Digestion (Stomach/Spleen/Pancreatic) By Increasing Digestive Enzyme Production.
- Tonifies Spleen.
- Reduces Toxic Heat and Fire from the Skin (Topical And Internal Administration).
- Eliminates Dampness and Heat From The Large Intestine

OSTEOPATHIC DISTINCTIONS

- Resets/restores the 'tidal body' to fewer pulses/min
- Supports the intended outcome of manipulation therapy, supporting the subtle, physical, and emotional "bodies"

AYURVEDIC DISTINCTIONS

Quinton Hypertonic: Has a "sun" or activating quality.

Quinton Isotonic: Has a "moon" or calming quality.

EXERCISE PHYSIOLOGY DISTINCTIONS

Electrotherapy works by activating crystalloid ions within the internal milieu. It loses much of its efficiency if the internal medium does not maintain ionic balance. Muscle contractions rely on crystalloid ions. Optimal performance depends on ions.

For this reason, you may recommend that patients re-hydrate frequently throughout their exercising to replenish lost electrolytes due to perspiration. However, artificially made electrolyte drinks do not contain a full spectrum of "active" crystalloid minerals.

Exercise Support Protocols:

One vial of Quinton Hypertonic prior to working out. One vial of Quinton Isotonic following a work out.