



## Angiogenesis

During the past decade there has been considerable research in understanding the mechanism of angiogenesis is the formation of new blood vessels. This process is crucial for normal growth and development. In healthy adults, angiogenesis does not normally occur except during ovulation, in the placenta and for wound healing.

## Cartilage: a proven source of angiogenesis inhibitors

Cartilage is an avascular tissue highly resistant to invasion by blood vessels when compared to other tissues. The avascular property of cartilage has prompted several laboratories to study the biological potential of this tissue to inhibit blood vessel formation.

Our liquid extract of shark cartilage contains higher concentrations of active elements. shark Cartilage has been available for several years in powdered, caplet or capsule form. All these formulations forces the user to ingest large quantities of the product. CarTCell is unique because of its patented manufacturing process which allows the extraction of selected molecules.

## Consider the advances of CarTCell:

- A proven source of angiogenic inhibitors
- High concentration of selected molecules
- Easy to use and absorb
- Superior quality control

## More About Angiogenic Balance

Angiogenesis, the formation of new blood vessels, is a natural and normal physiological phenomenon that occurs in the human body. In a healthy body, angiogenesis and the inhibition of angiogenesis exist together in a well-balanced homeostasis. This delicate Angiogenic Balance fulfills the needs for blood vessel formation in response to physiological demands while preventing uncontrolled pathological angiogenesis. When our bodies experience sun exposure, stress, aging and angiogenesis related conditions such as tumor growth, arthritis and psoriasis, the Angiogenic Balance tends to favor angiogenesis or the unregulated formation of new blood vessels. The healthy objective is then to reestablish the normal equilibrium through the use of products with proven antiangiogenic activity. Dietary supplementation with a proven angiogenesis inhibitor such as frozen liquid cartilage extract can support each individual's balanced angiogenic state.

## Assessing Your Needs

The current research does not provide any diagnostic measurements of human angiogenic activity. Dosage could be made simpler if there was a method to analyze angiogenic balance in each individual, much like a blood test or urine analysis but no reliable marker exists at this time. It is then suggested by health professionals to determine your need in antiangiogenic activity by considering two main factors: body weight and the severity of the condition.

Indeed, dosage to achieve angiogenic balance can depend upon your age, genetics and family history. If close relatives have experienced angiogenic dependent conditions a Maintenance Dose is ideal for a healthy balance. Body weight and your current health status are the primary factors that influence your choice of protocol. A heavier person needs a greater dose than the average (75 k). Those with severe conditions would benefit from a protocol using higher dosage (as shown in the

table below).

In addition, the knowledge and experience of your health care practitioner can help decide which protocol is best for you. The following table is helpful to determine your daily intake of frozen liquid cartilage extract ( CarTCell ).

ANGIOGENIC IMBALANCE	Dosage Protocol		
	6 VIALS / DAY	3 VIALS / DAY	1 VIAL (OR LESS) / DAY
<b>SEVERE</b>	Week 1-2-3-4-5-6-7-8	Week 9-10-11-12	Week 13 and thereafter
<b>MODERATE</b>		Week 1-2-3-4-5-6-7-8	Week 9 and thereafter
<b>MAINTENANCE</b>			As long as needed

### Spreading The CarTCell Dosage

It is recommended to spread the dosage throughout the day. When a daily intake of 3 or 6 bottles, it is preferable to divide the number of bottles in three different periods through the day (1-1-1 or 2-2-2 in the morning, noon and evening).

Quantity - 24 vials - Frozen  
Each vial is one dose.