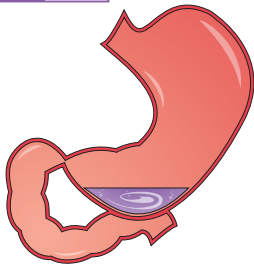
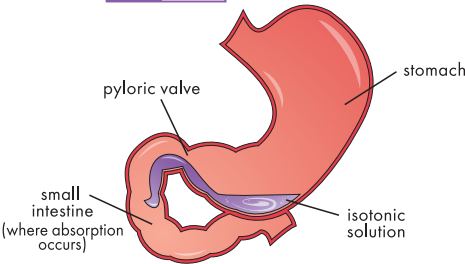
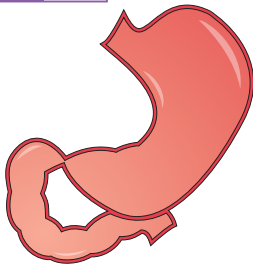
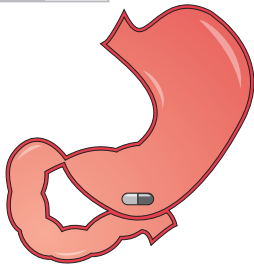
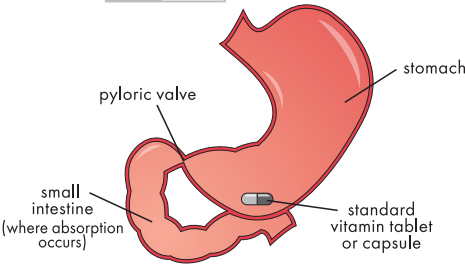
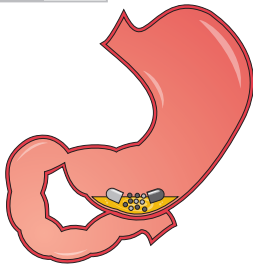


The world's most advanced nutraceuticals

Isotonix [®]	<ul style="list-style-type: none"> Rapidly absorbed by the body High concentration of vitamins and minerals Maximum results 	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>:00 Time >>>>>>>>>>>>>>></p>  <p>1. Isotonix solution enters the stomach.</p> </div> <div style="text-align: center;"> <p>:01 Time >>>>>>>>>>>>>>></p>  <p>2. Solution stimulates opening of the pyloric valve; smooth muscle contractions squirt solution into the small intestine.</p> </div> <div style="text-align: center;"> <p>:40 Time >>>>>>>>>>>>>>></p>  <p>3. Solution absorbed in the small intestine.</p> </div> </div>
standard tablet/capsule/softgel	<ul style="list-style-type: none"> Minimal absorption Diluted nutrients 	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>:00 Time >>>>>>>>>>>>>>></p>  <p>1. Pill enters the stomach and requires digestion.</p> </div> <div style="text-align: center;"> <p>:01 Time >>>>>>>>>>>>>>></p>  <p>2. Pill has barely started to undergo digestion.</p> </div> <div style="text-align: center;"> <p>:40 Time >>>>>>>>>>>>>>></p>  <p>3. Pill is dissolving and is releasing its contents into stomach acid.</p> </div> </div>

The **nutraMetricx Isotonix[®]** products are unlike any nutraceuticals on the market today. When a supplement tablet is ingested, the body must digest and absorb the nutrients, which may take up to four hours in healthy people. During this lengthy breakdown and absorption process, some of the nutritive value is lost. Because Isotonix products are powder and become isotonic solutions when mixed with the appropriate amount of water, nutrient absorption and utilization are maximized.

The term “isotonic” refers to having the same fluid pressure as your own tears, plasma and lymph. Normally, when food is consumed, it goes through a lengthy process in the stomach to become an isotonic solution before it is passed to the small intestine for absorption. Since Isotonix supplements are already in an isotonic solution upon ingestion, they undergo very little dilution and digestion in the stomach, allowing for rapid absorption by the intestine. This Isotonix advantage results in maximal nutrient utilization.

A recent study in *Phytotherapy Research* (2009), a prestigious nutrition journal, evaluates how quickly Isotonix OPC-3[®] is absorbed as compared to the same formulation in tablet form (which is not commercially available).

Dr. Maria Cesarone and colleagues examined, over a four-hour period, the ability of Isotonix OPC-3 to act as an antioxidant by measuring oxygen-free radicals in the blood. Isotonix OPC-3 reduced plasma-oxygen-free radicals (working as an effective antioxidant) within 10 minutes. The OPC-3 tablet took about one-hour to produce a similar effect. Furthermore, the researchers noted that Isotonix OPC-3 had a more powerful antioxidant effect throughout the entire four-hour period than OPC-3 in tablet form.*

The authors concluded: "The findings demonstrate that the flavonoid mixture provided in Isotonix OPC-3 is significantly more bioavailable in humans, in terms of antioxidant activity than an equivalent mixture in tablet form." Furthermore, the Isotonix OPC-3 formulation resulted in a more powerful antioxidative effect than an equivalent mixture in tablet form.*

Cessarone, MR, et al. Accelerated Antioxidant Bioavailability of OPC-3 Bioflavonoids Administered as Isotonix Solution.
Phytother Res. 2009 June; 23 (6): 775-7.