



Alfio Caronti

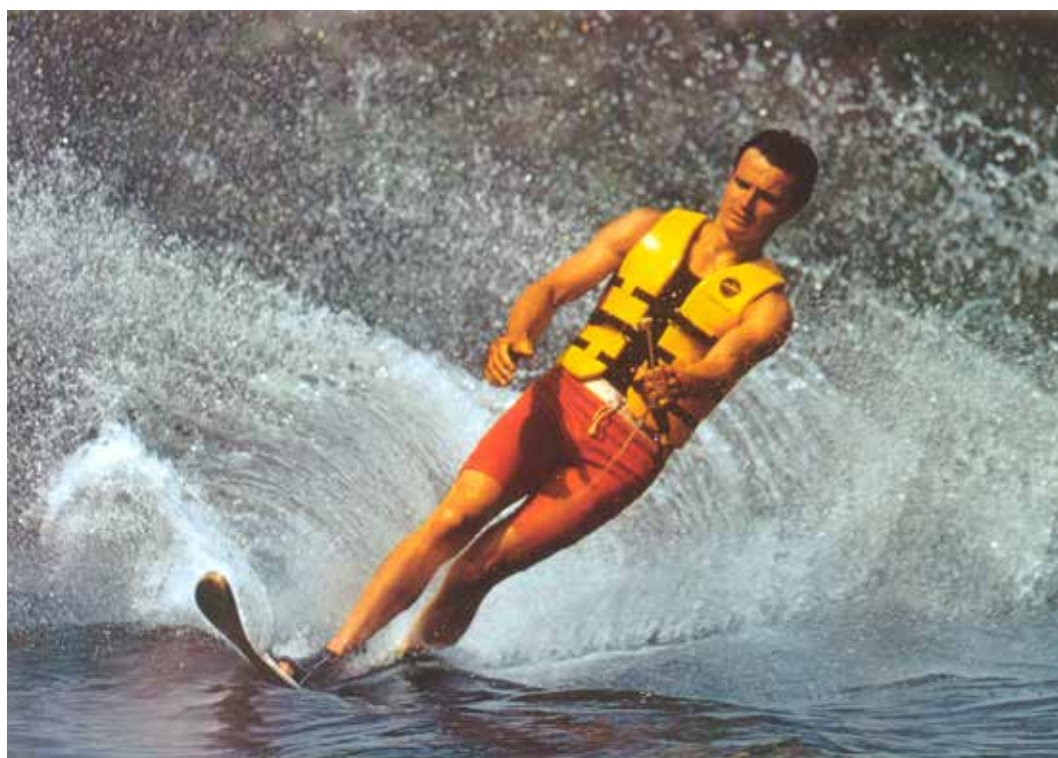
From Barefoot Water-Skiing to Si28
A Unique Biography





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- In 1971 he graduates from the Università Cattolica di Milano with a post-secondary degree at the then Institute of Physical Education (ISEF).
- From 1960 to 1976 he's in charge of managing and supervising sports facilities at the Grand Hotel Villa d'Este on Lake Como.
- From 1971 to 1976 he's a Federal Inspector for the Federazione Italiana Sci Nautico (Italian Waterski Federation) where he also teaches and trains future water-ski instructors.



- He's the first to water-ski barefoot and he's an athlete for the Italian national team at the 1972 World Championship in Bañolas, Spain.
- In 1969 he's the athletic trainer for the Italian waterski national team at the World Championship in Copenhagen. Here he meets Bill Moyes, the founding father of the hand-glider, and Garry Burton, barefoot water-skier extraordinaire.



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- In September 1971 he's the first European to fly with a hand-glider, using the one given to him by Bill Moyes in Copenhagen. This event will grant him a Diploma in 2005 by The World Air Sports Federation.

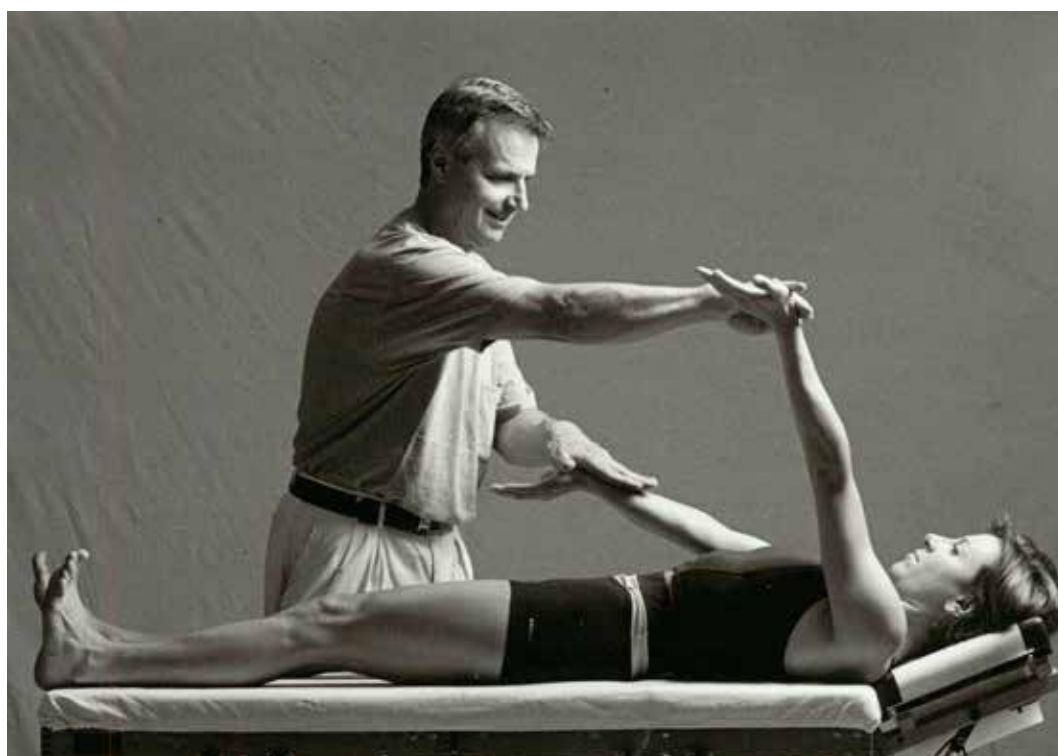


- In 1976 he injures his back and fully recovers thanks to Chiropractic, a discipline he starts to get acquainted with following the incident.
- In 1979 he leaves Italy for the United States, to chase his fascination with this field of physical therapy.
- From 1979 to 1984 he attends Palmer College of Chiropractic in Davenport, Iowa and graduates with a Doctor of Chiropractic Degree.
- From September 1984 to 1990 he works at the same Chiropractor clinic where he had made his recovery from his back injury. His specialty in the field is Chiropractic related to sports, due to his knowledge of anatomy and movement.
- In 1985 the Italian National Olympic Committee (CONI) appoints him for the postural evaluation of Olympians competing in a variety of sports. It is during this time that he makes the acquaintance of several athletes, sportsmen and women and professionals in the field. He meets the Abbagnale brothers, rowers trained by Dr. La Mura, the



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Italian National Volley team coached by Prof. Velasco, the Italian National alpine ski teams featuring gold medalists Alberto Tomba and Deborah Compagnoni. He also meets the athletes of the Italian National rowing team coached by Oreste Perri and counting among its members the great Antonio Rossi, and he meets the athletes of the Italian Waterski Federation guided by their President, Mr. Zucchi.



- From 1990 he starts teaching Movement Analysis at the University of Rome Tor Vergata alongside Prof. Carmelo Bosco.
- From 1991, he joins the Commission for Research and Experimentation of the Italian Winter Sports Federation (FISI). During his time, he will develop equipment specialized in posture evaluation techniques, such as his patent for a vibrating Postural Balance Analysis platform he names "Posture2000", a one-of-a-kind tool for static and dynamic posture evaluation. The "Posture2000" platform allows Caronti to make a discovery concerning the behavior of athletes' postures, which changes and is influenced based on whether they're barefoot or wearing footwear, and even whenever they are wearing their sportswear.



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- In 1998 he starts researching the subject of sensory stimulation, postural balance, movement, stamina and resistance at the University of Rome Tor Vergata, and his students begin publishing the dissertations of their doctoral research.
- In 1998 Caronti discovers and solves postural issues affecting balance connected to the new helmet donned by Deborah Compagnoni, just in time for the athlete's participation to the Nagano Winter Olympics '98. During this time, Caronti also learns from Alberto Tomba how the prolonged use of ski gloves can hinder perception and cause sensory disorders. Alongside Antonio Rossi, he learns about the sensory issues caused both by the contact with a smooth plastic seat without supports as well as by the usage of equipment such as paddles while canoeing.



- For the 2000-2001 football season as Chiropractor for the Football Club Internazionale Milano, the Inter Milan team, with Lippi as the team's manager and with world-famous players such as Ronaldo, Baggio and Vieri, Caronti confirms his theories on sensory disorders caused by football cleats and knee-length socks.



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- In 2003, he gets his Doctorate in Motor Science from the University of Rome Tor Vergata. He releases his scientific publication on multisensorial stimuli and publishes his first research on trauma memory.
- In 2005, he patents insoles he designed to recreate inside the shoe the sensation mankind has experienced for millions on years walking barefoot in nature. Small pebbles and a mix of natural and organic materials are introduced in the structure of the insoles, in a first ever attempt to return the sensory perception that was lost with the use of manufactured footwear.
- In the following years, he patents a cover for mattresses made of a linen weave, meant to recreate the unique sensation of sleeping in contact with rough terrain or a bed of hay, like mankind has done for millions of years.
- By 2010 he has released four scientific publications on sensory disorders caused by modern footwear and how to lessen the consequences through the use of natural materials.

From 2013 to 2017, Caronti works alongside Milos Raonic, the Canadian professional tennis player, as he travels the world to participate in tennis championships. The proximity to the athlete allows Caronti to observe the tennis player's habits during his games, before and after training, and during his everyday routine. As the time spent with Raonic progresses, Caronti discovers that something isn't right.

Milos Raonic, a right-handed tennis player, presents a hypotrophic right pectoral muscle compared to the muscle on his left-side, which he trains less, making the situation very unusual. This imbalance also manifests throughout the athlete's musculature, from head to toe. Caronti conducts trials and tests of his own to research the condition witnessed in Raonic and he discovers the "touch reflex", coming to the conclusion that "When every non-natural material comes into contact with our bodies - even more so with sensitive body parts such as hands, feet and the head - this causes a motor inhibitory response. This doesn't happen when the body touches natural, organic materials."

This is when Caronti decides to bring his research to the field and try changing the handle of Raonic's tennis racket, adding his patented multisensory insole to it, adapted to the purpose, thus finding that



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the inhibitory response disappears. However, the sole is rough, with small pebbles and organic elements, and this makes the racket unfit for prolonged usage; so Dr. Caronti starts researching ways to implement natural materials that can perform better in this type of situation, and how to mix them to create a compound that can be added to industrially-made products.

It's the birth of Si28, a compound of natural powders and fibers that allows for such remarkable results when it comes to sensory perception by the body that it largely surpasses the results achieved by its natural ingredients taken separately. It's the force of a choir of harmonious voices compared to a solo singer.

Furthermore, Si28 is not obtained through intensive farming of its ingredients, which would require genetic manipulation or the use of pesticides or chemical fertilizers; Si28 is created with the sum of elements and materials that are naturally occurring and are collected, harvested and developed at the end of their regular life cycle.

