Born in Newark, New Jersey, Dr. Antonio Miele graduated with a Bachelors in Science from Saint Peters College in 1972. Following his love for animals, he attended the University of Naples, Italy, graduating with a degree in Veterinary Medicine and Surgery in 1980. The first year of his veterinary career was spent working at Yonkers and Meadowlands Raceway, and he subsequently worked in small animal practices in the New York City area. In 1985, he opened his first animal hospital in Bensonhurst, Brooklyn, forging the beginning of his career in entrepreneurial veterinary medicine

His innovative concept of a team approach in the formation of animal hospitals led to the coining of the term "Veterinary Groups," a term that sought to stress the team concept. Founded with the purpose of creating a team of highly trained individuals, each with different strengths, the Group fostered an atmosphere for individuals to work collectively and synergistically, leading to the creation of practices offering diverse and specialized services. This "Group" concept was so successful that Dr. Miele, along with his partners and associates, opened a 24 hour emergency and referral hospital in Rome Italy as well as 14 other hospitals in the greater New York City area.

In his veterinary career, Dr. Miele has served as President of the Metropolitan NJVMA, received numerous accolades including the Metropolitan New Jersey Veterinary Medical Association Veterinarian of the Year award, New York Veterinary Medical Society's Presidential Citation, as well as the first Brody award given by the Center for Animal Care and Control. He has served on many executive boards including VPI (Veterinary Pet Insurance), the New Jersey Veterinary Medical Association, New York City and State Veterinary Societies. Currently he serves on executive boards that include the SAVE foundation, ILICA (Italian Language Intercultural Alliance, and NFIAS (National Federation of Italian American Societies).

Continuing his passion of living and working on both sides of the ocean, Dr. Miele is a lecturer on Business Management at his Alma Mater, the University of Naples. As well as still seeing patients in Brooklyn and Staten Island, Dr Miele also is partner in a consulting group in Brazil and makes frequent trips to lecture and consult there.