

ABOUT THE AUTHOR

Monograph 6 Bone Graft Substitutes

CATO T. LAURENCIN

Cato T. Laurencin, M.D., PH.D., is the Lillian T. Pratt Distinguished Professor, and Chairman of the Department of Orthopedic Surgery at the University of Virginia. He has also been designated a University Professor at the University of Virginia, where he holds professorships in Biomedical Engineering and Chemical Engineering.

Dr. Laurencin earned his B.S.E. in Chemical Engineering from Princeton University, and his M.D. from Harvard Medical School where he graduated Magna Cum Laude and earned the Robinson Award for Excellence in Surgery. Simultaneously he earned a Ph.D. in Biochemical Engineering/Biotechnology from the Massachusetts Institute of Technology where he was a Hugh Hampton Young Scholar.

After completing his doctoral programs, Dr. Laurencin continued clinical training at the Harvard University Orthopedic Surgery program, and ultimately became Chief Resident in Orthopedic Surgery at the Beth Israel Hospital, Harvard Medical School. Simultaneously, he was an instructor in the Harvard-M.I.T. Division of Health Services and Technology, where he directed a biomaterials laboratory at M.I.T. Dr. Laurencin subsequently completed a clinical fellowship in Sports Medicine and Shoulder Surgery at the Hospital for Special Surgery in New York, working with the team of physicians for the New York Mets, and St. John's University in New York.

Board certified in orthopedic surgery, Dr. Laurencin is a Fellow of the American College of Surgeons and a Fellow of the American Academy of Orthopedic Surgeons. He has lectured throughout the world in the areas of shoulder surgery and biomaterials science as an American, British, and Canadian Traveling Fellow, and has been an instructor in shoulder surgery at the American Academy of Orthopedic Surgery's Orthopedic Learning Center.

Dr. Laurencin's research interests are in the areas of biomaterials, tissue engineering, drug delivery, and nanotechnology. Honored at the White House, Dr. Laurencin received the Presidential Faculty Fellowship Award from President William Clinton in recognition of his research work involving biodegradable polymers. Dr. Laurencin is a Fellow of the American Institute for Medical and Biological Engineering, and an International Fellow in Biomaterials Science and Engineering. He most recently received the William Grimes Award for Excellence in Chemical Engineering from the American Institute of Chemical Engineers and the Leadership in Technology Award from the New Millennium Foundation.