



## Leo R. Spector, MD, MBA, CEO

### Bio

---

A board-certified fellowship-trained Orthopedic spine surgeon, Dr. Spector has enjoyed a 17-year tenure with OrthoCarolina, holding multiple leadership positions including Chief Quality Officer, member of the Executive Committee, chairman of the Quality/Value Committee and co-fellowship director at the OrthoCarolina Spine Center.

In 2020, Dr. Spector earned his MBA from Duke University Fuqua School of Business and was previously selected to participate in the American Orthopedic Association Leadership Program, conducted in collaboration with the University of Chicago Booth School of Business. Dr. Spector currently serves as a Board Member of the Lumbar Spine Research Society and previously held the position of President of the North Carolina Spine Society.

He will serve as CEO of OrthoCarolina starting in 2024. Dr. Spector will continue to practice while active as the OrthoCarolina CEO.

**P: 704-323-2225**

**Patient Rating:**  
4.8 out of 5 Stars

### LOCATIONS

- Ballantyne

### CLINICAL SPECIALTIES

- Specialties
- Spine

### Education

---

- **Colgate University** -- *Bachelor of Arts*
- **University of Massachusetts Medical School** -- *Doctor of Medicine*
- **University of Massachusetts Medical School** -- *Residency*
- **OrthoCarolina Spine Center** -- *Fellowship*
- **Duke University Fuqua School of Business** -- *Masters of Business Administration*

### Practice

---

- Specializes in spine surgery
- 
- Board Member - Lumbar Spine Research Society, 2022
  - Past President of the North Carolina Spine Society
  - Member of the Lumbar Spine Research Society

- Member of the Cervical Spine Research Society
- Board Certified Orthopedic Spine Surgeon

## Awards

---

Named one of Newsweek Best Spine Surgeons in the U.S. 2024

Named a 2023 Top Doctor by Charlotte Magazine

## Research

---

- Madigan L, Vaccaro AR, **Spector LR**, Milam RA: Management of Symptomatic Lumbar Degenerative Disk Disease. Journal of the American Academy of Orthopedic Surgeons. 2009; 17:102-111
- **Spector LR**, Madigan L, Darden BV, Rhyne AR, Kim DH: Cauda Equina Syndrome: Diagnosis and Management. Journal of the American Academy of Orthopedic Surgeons. 2008; 16:471-479
- Murrey DB, Janssen ME, Odum SM, Gottlieb JR, **Spector LR**, Darden BV: Two-Year Results of a Randomized Controlled Clinical Trial Comparing ProDisc-C and Anterior Cervical Discectomy and Fusion. Spine Arthroplasty Society Journal. 2008; 2 (2): 76-85
- Rhyne A, Siddiqui F, **Spector L**, Madigan L, Odum S, Darden B, and Schmidt G: Anatomic Mapping and Evaluation of the Esophagus in Relation to the Cervical Vertebral Body. European Spine Journal. 2007 16:1267-1272.
- **Spector LR**, Kim DH, Affonso J, Hilebrand A, Albert TJ, Vaccaro AR: Use of Computed Tomography to Predict Failure of Nonoperative Treatment of Unilateral Facet Fractures of the Cervical Spine. Spine. 2006 Nov; 31 (24): 2827-2835
- Moshirfar A, Jenis LG, **Spector LR**, Burke PJ, Losina E, Katz JN, Rand FF, Tromanhauser SG, Banco RJ: Computed Tomography Evaluation of Superior Segment Facet Joint Violation after Pedicle Instrumentation of the Lumbar Spine with a Midline Surgical Approach. Spine. 2006 Oct; 31 (22): 2624-2629.
- Vittimberga, Jr., FJ, Nolan B, Perugini RA, **Spector L**, Callery MP: Laparoscopy and Kupffer Cell Activation. Surgical Endoscopy. 2000 Dec; 14 (12): 1171-6