

CURRICULUM VITAE

(abridged version)

I. Personal Information

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II. Education

High School	Ettephagh International High School, Tehran, Iran. High School Diploma June 1975
University	University of Southern California, Los Angeles, California Bachelor of Science in Mechanical Engineering September 1980 University of Southern California, Los Angeles, California Master of Science in Mechanical Engineering December 1981 Göteborg University, Göteborg, Sweden Ph.D. in Biomaterials and Handicap Research February 1995
Ph.D. Thesis Title	On Factors Affecting the Long-Term Outcome of Total Hip Replacements

III. Academic Appointments

Instructor of Research Orthopaedics
Department of Orthopaedics
University of Southern California
1986 to 1996

Assistant Professor of Research
Departments of Orthopaedics
University of Southern California
1997 to 1998

Director, Implant Performance Laboratory
The J. Vernon Luck, Sr. Orthopaedic Research Center
Los Angeles Orthopaedic Hospital and University of California, Los Angeles
1995 to Present

Research Associate
Department of Orthopaedic Surgery
University of California, Los Angeles
1998 to 2001

Adjunct Associate Professor
Department of Orthopaedic Surgery
University of California, Los Angeles
2001 to present

IV. Honors and Awards

Graduate Orthopaedic Society Faculty Recognition Award, June 1996
Department of Orthopaedics
University of Southern California

Sumner L. Koch Award, September 1997
American Society for Surgery of the Hand

V. Society Memberships

American Society of Mechanical Engineers	1980-1985
Society for Biomaterials	
American Society for Testing and Materials	1983-1988
Orthopaedic Research Society	

BIBLIOGRAPHY**PUBLISHED ARTICLES (2002 TO PRESENT)**

30. Ebramzadeh, E.; Sangiorgio, S. N.; Lattuada, F.; Kang, J. S.; Chiesa, R.; McKellop, H. A.; and Dorr, L. D.: Accuracy of measurement of polyethylene wear with use of radiographs of total hip replacements. *J Bone Joint Surg Am*, 85-A(12): 2378-84, 2003.
31. Kang, J. S.; Park, S. R.; Ebramzadeh, E.; and Dorr, L. D.: Measurement of polyethylene wear in total hip arthroplasty--accuracy versus ease of use. *Yonsei Med J*, 44(3): 473-8, 2003.
32. Ebramzadeh, E.; Normand, P. L.; Sangiorgio, S. N.; Llinas, A.; Gruen, T. A.; McKellop, H. A.; and Sarmiento, A.: Long-term radiographic changes in cemented total hip arthroplasty with six designs of femoral components. *Biomaterials*, 24(19): 3351-63, 2003
33. Ebramzadeh E, Sangiorgio SN, Longjohn DB, Buchari CF Dorr LD.: Initial stability of cemented femoral stems as a function of surface finish, collar, and stem size. *J Bone Joint Surg Am*. 2004 Jan;86- A (1): 106-15
34. Sangiorgio SN, Ebramzadeh E, Longjohn DB, Dorr LD.: Effects of dorsal flanges on fixation of a cemented total hip replacement femoral stem. *J Bone Joint Surg Am*. 2004 Apr;86-A (4): 813-20
35. Beaulé PE, Ebramzadeh E, Le Duff M, Prasad R, Amstutz HC.: Cementing a liner into a stable cementless acetabular shell: the double-socket technique. *J Bone Joint Surg Am*. 2004 May;86-A (5): 929-34
36. Beaulé PE, Lee JL, Le Duff MJ, Amstutz HC, Ebramzadeh E.: Orientation of the femoral component in surface arthroplasty of the hip. A biomechanical and clinical analysis. *J Bone Joint Surg Am*. 2004 Sep;86-A (9): 2015-21
37. Burnette JB, Ebramzadeh E, Lee JL, Galanti S, Hoffer MM.: Incidence of inpatient surgeries in children and young adults with childhood orthopaedic diagnoses. *J Pediatr Orthop*. 2004 Nov-Dec;24 (6): 738-41

38. Ebramzadeh E, Beaulé PE, Culwell JL, Amstutz HC.: Fixation strength of an all-metal acetabular component cemented into an acetabular shell: a biomechanical analysis. *J Arthroplasty*. 2004 Dec;19 (8 Suppl 3): 45-9
40. Amstutz HC, Ebramzadeh E, Sarkany A, Le Duff M, Rude R.: Preservation of bone mineral density of the proximal femur following hemisurface arthroplasty. *Orthopaedics*. 2004 Dec;27 (12): 1266-71
41. Thordarson DB, Ebramzadeh E, Rudicel SA, Baxter A.: Age-adjusted baseline data for women with hallux valgus undergoing corrective surgery. *J Bone Joint Surg Am*. 2005 Jan;87-A (1): 66-75
42. Thordarson D, Ebramzadeh E, Moorthy M, Lee J, Rudicel S.: Correlation of hallux valgus surgical outcome with AOFAS forefoot score and radiological parameters. *Foot Ankle Int*. 2005 Feb; 26 (2): 122-7

PAPERS SUBMITTED

1. **Ebramzadeh, E**, Culwell, J, Macdonald, W, Jacobsson, M, Carlsson L: Fretting Damage in Modular Hip Femoral Components: Comparison of Three Combinations of Biomaterials. *Biomaterials*.

BOOK CHAPTERS

1. **Ebramzadeh, E.**, Mina-Araghi, M., Clarke, I.C. and Ashford, R.: Loosening of well-cemented total hip femoral prosthesis due to creep of the cement. In 'Corrosion and degradation of implant materials.' Fraker, A.C. and Griffin, D.G., Eds., ASTM STP 859, ASTM, Philadelphia, PA, pp. 373-399, 1983.
2. **Ebramzadeh, E.**, McKellop, H., Dorey, F. and Sarmiento, A.: Challenging the Validity of Conclusions Based on P-values Alone: A critique of contemporary clinical research design and methods. American Academy of Orthopaedic Surgeons Instructional Course Lectures, Vol 43, Feb 1994.
3. McKellop, H.A., Rostlund, T., **Ebramzadeh, E.**, and Sarmiento, A.: "Wear of Titanium 6-4 Alloy in Laboratory Tests and in Retrieved Human Joint Replacements," Medical Applications of Titanium and Its Alloys: The Material and Biological Issues, ASTM STP 1272, S.A. Brown and J. E. Lemons, Eds., American Society for Testing Materials, 1996.
4. Sarmiento, A., **Ebramzadeh, E.**, Normand, P., Llinás, A., and McKellop, H.A.: "The Stainless Steel and Titanium Alloy Femoral Prostheses," Total Hip Arthroplasty Outcomes, Dorey, F., Grigoris, P., McKellop, H., and Finerman, G., Eds., Churchill Livingstone, New York, 1997.

5. McKellop, H., **Ebramzadeh, E.**, Fortune, J. and Sarmiento, A.: Stability of subtrochanteric femoral fractures fixed with interlocking intramedullary rods. In "Femoral Intramedullary Rods: Clinical Performance and Related Laboratory Testing". ASTM STP 1008, J.P. Harvey, A.U. Daniels, and R.F. James, Editors, ASTM, Philadelphia, 1988.

XI. **PRESENTATIONS**

Ebramzadeh, E.: "Measurement of Uncertainty in Experimental Studies." Basic Science 2Lecture for Harbor-UCLA Medical Center orthopaedic residents and faculty, University of California, Los Angeles, July 1997.

Ebramzadeh, E.: "Mechanics of Long Bone Fractures and Fracture Fixation Devices." Basic Science Lecture for Harbor-UCLA Medical Center orthopaedic residents and faculty, University of California, Los Angeles, September 1997.

Ebramzadeh, E.: "Micromotion of femoral stems as a function of stem design parameters" International Society for Technology in Arthroplasty, San Francisco, CA, September 2003.