



## Matthew R. Bong, M.D.

### EDUCATION/TRAINING

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- 2005-2006      Orthopaedic Traumatology Fellowship  
Carolinas Medical Center  
Department of Orthopaedic Surgery  
Charlotte, North Carolina
- 1999-2005      Department of Orthopaedic Surgery Residency  
New York University/Hospital for Joint Diseases  
New York, New York
- 2001-2002      Musculoskeletal Research Center, Hospital for Joint Diseases  
New York, New York  
Doctor of Medicine  
Medical College of Wisconsin  
Milwaukee, WI
- 1995            Bachelor of Science, Zoology  
University of Wisconsin  
Madison, WI
- 1991-1992      University of Minnesota  
Minneapolis, MN

### CERTIFICATION/LICENSURE

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State of Wisconsin - Active

### HONORS & REWARDS

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- 2005            Reicher Basic Science Research Award for excellence in basic science research.  
Presented by the Department of Orthopaedic Surgery, NYU/Hospital for Joint Diseases  
Executive Chief Resident. NYU/Hospital for Joint Diseases 2004-2005 academic year
- 2004-2005      2005 academic year
- 2004            AOA-OREF-Zimmer Resident Leader. One of 60 residents invited nationally to attend the  
Resident Leadership Forum at the 2004 AOA meeting, Boston, MA
- 2003            Marian Frauenthal Sloane Award for excellence in clinical research.  
Presented by the Department of Orthopaedic Surgery, NYU/Hospital for Joint Diseases
- 1999            Walter P. Blount, M.D. Award for medical student excellence.  
Presented by the Department of Orthopaedic Surgery, Medical College of Wisconsin
- 1998            Alpha Omega Alpha National Medical Honor Society, Medical College of Wisconsin
- 1995            Phi Beta Kappa, University of Wisconsin- Madison, Wisconsin

## ORGANIZATIONS

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| Orthopaedic Trauma Association  | Member |
| American Academy of Orthopaedic | Fellow |

## PUBLICATIONS

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Takahara, K., Bong, M.R., Brevard, R.A., Eddy, R.L., Haley, L.L., Sait, S.J., Shows, T.B., Hoffman, G.G., Greenspan, D.S.: Mouse and human homologues of the yeast origin of replication recognition complex subunit ORC2 and chromosomal localization of the cognate human gene ORC2L. *Genomics* 31:119-122, 1996.

Polatsch, D., Bong, M.R., Rokito, A.S.: Severe ulnar neuropathy following subcutaneous transposition in a collegiate tennis player. *Am J Orthop* 31(11):643-646, 2002.

Bong, M.R., Egol, K.A., Koval, K.J., Kummer, F.J., Su, E.T., Iesaka, K., Bayer, J., Di Cesare, P.E.: Comparison of the LISS and a retrograde inserted supracondylar intramedullary nail for fixation of a periprosthetic distal femur fracture proximal to a total knee arthroplasty. *J Arthroplasty* 17:876-881, 2002.

Issack, P.S., Botero, H.G., Hiebert, R.N., Bong, M.R., Stuchin, S.A., Zuckerman, J.D., Di Cesare, P.E.: Sixteen-year follow-up of the cemented spectron femoral stem for hip arthroplasty. *J Arthroplasty* 18:925-930, 2003.

Bong, M.R., Egol, K.A., Koval, K.J.: Nonunions of the proximal tibia. *Techniques in Knee Surgery* 2(4):267-273, 2003.

Kubiak, E.N., Bong, M.R., Park, S.S., Kummer, F.J., Egol, K.A., Koval, K.J.: Intramedullary fixation of unstable intertrochanteric hip fractures: One or two lag screws. *J Orthop Trauma* 18(1):12-7, 2004.

Bong, M.R., Patel, V., Chang, E.Y., Issack, P.S., Hebert, R., Di Cesare, P.E.: Risks associated with blood transfusion after total knee arthroplasty. *J Arthroplasty* 19(3):281-7, 2004.

Bong, M.R., Di Cesare, P.E.: Stiffness after total knee replacement. *JAAOS* 12(3):164-171, 2004.

Bong, M.R., Patel, V., Iesaka, K., Egol, K.A., Kummer, F.J., Koval, K.J.: Comparison of a sliding hip screw with a trochanteric lateral support plate to an intramedullary hip screw for fixation of unstable intertrochanteric hip fractures: A cadaver study. *J Trauma* 56(4):791-794, 2004.

Keschner, M.T., Bong, M.R., Wittig, J.C., Tejwani, N.: Pseudopathologic fracture of the neck of the femur. A case report. *J Bone Joint Surg* 86-A(7):1534-1537, 2004.

Bong, M.R., Polatsch, D.B., Jazrawi, L.M., Rokito, A.S.: Chronic exertional compartment syndrome: Diagnosis and management. *Bulletin Hosp Joint Diseases* 62(3&4):77-84, 2005.

Frenkel, S.R., Bradica, G., Brekke, J.H., Goldman, S.M., Iesaka, K., Issack, P., Bong, M.R., Tian, H., Gokhale, J., Coutts, R.D., Kronengold, R.T.: Regeneration of articular cartilage - evaluation of osteochondral defect repair in the rabbit using multiphasic implants. *Osteoarthritis and Cartilage* 13(9):798-807, 2005.

Bong, M.R., Capla, E.L., Egol, K.A., Sorkin, A.T., Distefano, M., Buckle, R., Chandler, R.W., Koval, K.J.: Osteogenic protein-1 (bone morphogenetic protein-7) in the treatment of humeral diaphyseal nonunions. *Bulletin Hosp Joint Diseases* 63(1&2):20-23, 2005.

Bong, M.R., Romero, A., Kubiak, E.N., Iesaka, K., Heywood, C.S., Kummer, F.J., Rosen, J., Jazrawi, L.M.: Suture versus screw fixation of displaced tibial eminence fractures: A biomechanical comparison. *J Arthroscopy* 21(10):1172-1176, 2005.

Iesaka, K., Kubiak, E.N., Bong, M.R., Su, E.T., DiCesare, P.E.: Orthopedic surgical management of hip and knee involvement in patients with juvenile rheumatoid arthritis. *AM J Orthop* 35(2):67-73, 2006.

Bong, M.R., Leibman, M.L., Egol, K.A., Koval, K.J.: A comparison of immediate postreduction splinting constructs for controlling initial displacement of fractures of the distal radius: a prospective randomized study of long-arm versus short-arm splinting. *J Hand Surg [Am]* 31(5):766-770, 2006.

Bong, M.R., Kaplan, K., Jaffe, W.L.: Total hip arthroplasty in a patient after contralateral hemipelvectomy. *J Arthroplasty* 21(5):762-764, 2006.

Sathappan, S., Wasserman, B., Jaffe, W.L., Bong, M.R., Walsh, M., Di Cesare, P.E.: Midterm results of primary total knee arthroplasty using a dished polyethylene insert with a recessed or resected posterior cruciate ligament. *J Arthroplasty* 21(7):1012-1016,2006.

Strauss, E.J., Petrucelli, G., Bong, M.R., Koval, K.J., Egol, K.A.: Blisters associated with lower-extremity fracture: Results of a prospective treatment protocol. *J Orthop Trauma* 20(9):618-622,2006.

Bong, M.R., Koval, K.J., Egol, K.A.: The history of intramedullary nailing. *Bull Hosp Jt Dis* 64(3-4):94-97,2006.

Bong, M.R., Kummer, F.J., Koval, K.J., Egol, K.A.: The biomechanics and biology of intramedullary nailing. *JAAOS* 15(2):97-106,2007.

Patel, V., Bong, M.R., Di Cesare, P.E.: Heparin induced thrombocytopenia and thrombosis: diagnosis and management. *AM J Orthop* 36(5):255-60. 2007

Walsh M, Preston C, Bong M, Patel V, Di Cesare PE.: Relative risk factors for requirement of blood transfusion after total hip arthroplasty. *J Arthroplasty* 22(8):1162-7. 2007

Bong, M.R., Koval, K.J., Zuckerman, J.D.: Hip fractures: A risky ordeal for the elderly. *Provider*. October 2001.73-74.

## PRESENTATIONS

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Bong, M.R., Feldman, D.S., Axelrod, F.B., Iannacone, M., Lehman, W.B. Avascular necrosis of the lateral femoral condyle as the cause of destructive arthropathy in familial dysautonomia. New York Pediatric Orthopaedic Society. New York, New York, April 2001.

Hickey, D., Bong, M.R., Hiebert, R., Di Cesare, P.E.: Transfusion practice in primary total hip arthroplasty. Senior Resident Research Presentation-Hospital for Joint Diseases. New York, New York, May 2002.

Bong, M.R., Egol, K.A., Koval, K.J., Kummer, F.J., Su, E.T., Iesaka, K., Di Cesare, P.E.: Biomechanical stability of a periprosthetic distal femur fracture proximal to a total knee arthroplasty treated with either the LISS or a retrograde intramedullary nail. 2002 OREF New York Metropolitan Area Resident Research Competition and Symposium. New York, New York, May 2002.

Bong, M.R., Egol, K.A., Koval, K.J., Kummer, F.J., Su, E.T., Iesaka, K., Di Cesare, P.E.: Comparison of the LISS and a retrograde inserted supracondylar intramedullary nail for fixation of a periprosthetic distal femur fracture proximal to a total knee arthroplasty. 2002 Orthopaedic Trauma Association Annual Meeting. Poster Presentation. Toronto, Canada, October, 2002.

Bong, M.R., Patel, V., Iesaka, K., Egol, K.A., Kummer, F.J., Koval, K.J.: Comparison of a sliding hip screw with a trochanteric lateral support plate to an intramedullary hip screw for fixation of unstable intertrochanteric hip fractures. 2003 American Academy of Orthopaedic Surgeons 70th Annual Meeting. Poster Presentation. New Orleans, Louisiana, February 2003.

Bong, M.R., Egol, K.A., Koval, K.J., Kummer, F.J., Su, E.T., Iesaka, K., Di Cesare, P.E.: Biomechanical stability of a periprosthetic distal femur fracture proximal to a total knee arthroplasty treated with either the LISS or a retrograde intramedullary nail. 2003 American Academy of Orthopaedic Surgeons 70th Annual Meeting. Poster Presentation. New Orleans, Louisiana, February 2003.

Bong, M.R., Patel, V., Chang, E., Issack, P.S., Hebert, R., Di Cesare, P.E.: Which patients undergoing total knee arthroplasty should pre donate blood? 2003 American Academy of Orthopaedic Surgeons 70th Annual Meeting. Poster Presentation. New Orleans, Louisiana, February 2003.

Frenkel, S., Bradica, G., Goldman, S., Kronengold, R., Iesaka, K., Issack, P., Bong, M.R., Tian, H., Gokhale, J., Coutts, R.D., Brekke, J.H.: A multiphasic device engineered to regenerate articular cartilage. 2003 Orthopaedic Research Society Annual Meeting. Poster Presentation. New Orleans, Louisiana, February 2003.

Frenkel, S., Bradica, G., Goldman, S., Kronengold, R., Iesaka, K., Issack, P., Bong, M.R., Tian, H., Gokhale, J., Coutts, R.D., Brekke, J.H.: A multiphasic device engineered to regenerate articular cartilage. 2003 Society for Biomaterials 29th Annual Meeting and Exposition. Reno, Nevada, April-May 2003.

Kubiak, E.N., Egol, K.A., Bong, M.R., Park, S., Kummer, F.J., Koval, K.J.: Sacrifice of controlled compression for the sake of enhanced stability: One screw or two screws for optimal fixation of unstable intertrochanteric femur fractures. 2002 OREF New York Metropolitan Area Resident Research Competition and Symposium. New York, New York, May 2003.

Romero, A.C., Bong, M.R., Kubiak, E.N., Kazuho, I., Winer, A., Jazrawi, L.M.: Suture vs. screw fixation of displaced tibial eminence fractures: A biomechanical comparison. 2003 Hospital for Joint Diseases Fellow Research Presentations. New York, New York, June 2003.

Leibman, M.L., Bong, M.R., Egol, K.A., Tejwani, N., Koval, K.J.: Long vs short arm splinting after distal radius fracture: A prospective randomized study of patient comfort and efficacy. 2003 Orthopaedic Trauma Association Annual Meeting. Poster Presentation. Salt Lake City, Utah, October 2003.

Kubiak, E.N, Park, S.S., Egol, K.A., Bong, M.R., Kummer, F.J., Koval, K.J.: One lag screw or two lag screws for optimal fixation of unstable intertrochanteric femur fractures. American Academy of Orthopaedic Surgeons 71st Annual Meeting. Poster Presentation. San Francisco, California, March 2004.

Bong, M.R., Romero, A.R., Kubiak, E.N., Jazrawi, L.M., Kummer, F.J., Rosen, J.E., Meislin, R.J., Sherman, O.H.: Suture vs. screw fixation of displaced tibial eminence fractures: A biomechanical comparison. American Academy of Orthopaedic Surgeons 71st Annual Meeting. Poster Presentation. San Francisco, California, March 2004.

Iesaka, K., DiCesare P.E., Kubiak, E.N., Bong, M.R., Blagev, D.P., Kummer, F.J.: Stress risers in the femur due to gaps between proximal and distal Femoral Stems. 2004 American Academy of Orthopaedic Surgeons 71st Annual Meeting. Poster Presentation. San Francisco, California, March 2004.

Leibman, M.L., Egol, K.A., Bong, M.R., Koval, K.J.: Splinting after wrist fracture: A prospective randomized study of patient comfort and efficacy. American Academy of Orthopaedic Surgeons 71st Annual Meeting. Podium Presentation. San Francisco, California, March 2004.

Leibman, M.L., Egol, K.A., Bong, M.R., Koval, K.J.: Splinting after wrist fracture: A prospective randomized study of patient comfort and efficacy. Senior Resident Research Presentation-Hospital for Joint Diseases. New York, New York, May 2004.

Preston, C., Bong, M.R., Patel, V., Heibert, R.N., DiCesare, P.E.: Role of autologous blood donation and cell Saver on transfusion rates after total hip replacement. American Academy of Orthopaedic Surgeons 72nd Annual Meeting. Poster Presentation. Washington, DC, February 2005.

Bradica, G., Frenkel, S.R., Brekke, J.H., Coutts, R.D., Goldman, S.M., Iesaka, K., Issack, P., Bong, M.R., Kronengold, R.T.: Osteochondral defect repair in the rabbit using a multiphasic implant and rhBMP-2. American Academy of Orthopaedic Surgeons 72nd Annual Meeting. Podium Presentation. Washington, DC, February 2005.

Strauss, E., Bong, M.R., Egol, K.A.: Blisters associated with lower extremity fracture: Results of a prospective treatment protocol. 2005 Orthopaedic Trauma Association Annual Meeting. Poster Presentation. Ottawa, Canada, October 2005.

Strauss, E., Bong, M.R., Koval, K.J., Egol, K.A.: Blisters associated with lower extremity fracture: Results of a prospective treatment protocol. American Academy of Orthopaedic Surgeons 73rd Annual Meeting. Poster Presentation. Chicago, IL, March 2006.

Bong, M.R., Ly, T, Bosse, M.J.: Clinical usefulness of a commonly used research criterion to diagnose radiographic healing in diaphyseal fractures treated with an intramedullary device. 2006 Orthopaedic Trauma Association Annual Meeting. Podium Presentation. Phoenix, Arizona, October 2006.

Bong, M.R., Ly, T, Bosse, M.J.: Clinical usefulness of a commonly used research criterion to diagnose radiographic healing in diaphyseal fractures treated with an intramedullary device. 2006 Orthopaedic Trauma Association Annual Meeting. Podium Presentation. Phoenix, Arizona, October 2006.

Ly, T.V., Bong, M.R., Peindl, R.D., Howard, B., Bosse, M.J. Evaluation of the Clavicle Hook-Plate for Treatment of Acromioclavicular Joint Dislocation: A Cadaveric Study. 2009 Orthopaedic Trauma Association Annual Meeting. Poster Presentation. San Diego, California, October 2009.