

CURRICULUM VITAE

CHAITANYA S. MUDGAL, M.D., M.S(Orth.), M.Ch(Orth.)

March, 2008.

PERSONAL DATA:

E-Mail: cmudgalmd@gmail.com

DATE OF BIRTH: November 28, 1962

EDUCATION: Don Bosco High School, Bombay (1967-1977)
Jai Hind College, Bombay (1977-1979)
L.T.M Medical College, Bombay (1979-1988)

QUALIFICATIONS: M.B.,B.S. University of Bombay, 1983

M.S(Orth.) University of Bombay, 1988

M.Ch(Orth.) University of Liverpool, UK, 1992

Board Eligible American Board of Ortho. Surgery, 1999

Board Certified American Board of Ortho. Surgery (ABOS) 2002

Fellow, American Acad. Orth Surgeons (FAAOS), 2006

Certificate of Added Qualification in Surgery of the Hand (ABOS) 2006

PRESENT APPOINTMENT:

(1)Staff Physician Dept. of Orthopaedics, Massachusetts General Hospital, from 11/01/04.

(2)Instructor, Orthopaedic Surgery, Harvard Medical School, Boston, MA from 11/00.

PREVIOUS APPOINTMENTS:

(1)Staff Physician, Dept. of Orthopaedics, Director,
Hand Service, Cambridge Health Alliance, Cambridge MA, till 10/31/04.

LICENSURE AND CERTIFICATION:

2002 Board Certified, American Board of Orthopaedic Surgery

1998 Certificate of Licensure, Commonwealth of Massachusetts

1993 FLEX(PA) Certification

1993 USMLE (ECFMG) Certification

POSTGRADUATE TRAINING:

Internship and Residencies:

03/94 – 06/98 : Resident in Orthopaedic Surgery

Harvard Combined Orthopaedics Residency Program, Boston

01/97 – 06/97 : Chief Resident in Orthopaedic Surgery

Children's Hospital, Boston, MA

07/98 – 06/99 : Transitional Medicine Internship, Carney Hospital, Boston, MA

03/89 – 12/92 : Residency training in Orthopaedic Surgery

Liverpool, Wrightington, Bangor, United Kingdom

01/84 – 06/88 : Residency training in Orthopaedic Surgery

University of Bombay, India

Clinical and Research Fellowships:

08/99 – 07/00 : Fellow in Hand Surgery,

Cleveland Combined Hand Surgery Program, Cleveland, OH

01/93 – 12/93 : Senior Clinical Research Fellow in Orthopaedic Surgery

University of Liverpool, UK

09/91 – 12/91 : A.O International Fellow, Surgery of the Upper Extremity

The Indiana Hand Center, Indianapolis, IN and

Massachusetts General Hospital, Boston MA

ACADEMIC APPOINTMENTS :

11/04 - : Instructor in Orthopaedic Surgery,

Harvard Medical School, Boston MA

12/00 – 10/04 : Clinical Instructor in Orthopaedic Surgery

Harvard Medical School, Boston MA

10/88 – 02/89 : Lecturer in Orthopaedic Surgery

University of Bombay, India.

AWARDS:

1983 Dr. Menino D'Souza Prize, Best All Round Medical Graduate
1983 Dr. G.M Phadke Prize in Surgery, LTM Medical College, Bombay
1982 Dr. G.M Phadke Prize in Pharmacology, LTM Medical College, Bombay
1982 Distinction in Pharmacology, University of Bombay
1982 Distinction in Pathology, University of Bombay

MEMBERSHIPS:

1997 – present : American Academy of Orthopaedic Surgeons
2005 - : New England Orthopaedic Society

GRANTS:

(1) Orthopaedics Research Committee, Cleveland Clinic Foundation, 2000.
(2) Research Progress Council, Cleveland Clinic Foundation, 2000.

COMMITTEES:

(1) Young Members Steering Committee, American Society for Surgery of the Hand, 2005-2007.
(2) Annual Meeting Scientific Displays Committee, American Society for Surgery of the Hand, 2005-2007.
(3) Core Curriculum Committee, Harvard Combined Orthopaedics Residency Program, 2005 - .
(4) Organizing Committee Combined Meeting of the Japanese and American Societies for Surgery of the Hand, Hawaii, March 2005.
(5) Abstracts Review Committee Combined Meeting of the Japanese and American Societies for Surgery of the Hand, Hawaii, March 2005.
(6) Executive Committee, Cambridge Health Alliance, June 2003 – Oct. 2004.
(7) Education Committee, Arthritis Foundation, Massachusetts Chapter, January 2004-present.
(8) Clinical Research Council, Massachusetts General Hospital 2007-.

BIBLIOGRAPHY:

Original Papers and Dissertations:

- (1) Anthony SG, **Mudgal CS** et al.: Multiply recurrent intravascular papillary endothelial hyperplasia treated with radiation therapy. *The Journal of Bone and Joint Surgery*, 90B (1):95-97, 2008.
- (2) **Mudgal CS** and Mudgal S: Closed traumatic rupture of the extensor digitorum communis and extensor indicis proprius at the musculotendinous junction. *Journal of Hand Surgery*, 32E:6:675-676, 2007.
- (3) Lin S-C, Lee W-S, Ma J-L **et al.** Influence of jig design on biomechanical evaluation of spinal construct stability. *Journal of the Chinese Institute of Engineers*, 30(5): 891-898, 2007.
- (4) Monica J, **Mudgal CS**: Tension Band fixation of olecranon fractures. *Techniques in shoulder and elbow surgery*, 8(4):1-9, 2007.
- (5) Fitzgerald B, Setty A, and **Mudgal CS**: Gout affecting the hand and wrist. *Journal of the American Academy of Orthopaedic Surgeons*, 15:625-635, 2007.
- (6) Srikanth E, **Mudgal CS** and Jupiter JB: Monteggia fractures in adults. *Hand Clinics*, 23:165-177, 2007.
- (7) **Mudgal CS** and Ring D: Stacked plating for metadiaphyseal fractures of the radius. A technique report. *Journal of Orthopaedic Trauma*, 21:63-66, 2007.
- (8) **Mudgal CS** and Jupiter JB: New Concepts in dislocations of the elbow. *Techniques in Orthopaedics*, 21:347-363, 2006.
- (9) Shih K-S, **Mudgal CS** et al.: Bipolar dislocation of the thumb – the floating thumb. *Journal of the Formosa Medical Association*, 105:8:670-673, 2006.
- (10) **Mudgal CS** and Mudgal SC : Volar open reduction of complex metacarpophalangeal dislocation of the index finger. *Techniques in Hand and Upper Extremity Surgery*, 10(1):31-36, 2006.
- (11) **Mudgal CS** and Jupiter JB: Plate and screw design in fractures of the hand and wrist. *Clinical Orthopaedics and Related Research*, 445:68-80, 2006.

(12)**Mudgal CS** : Staged management of tophaceous gout with DIP arthritis in the elderly: A preliminary technique report. *The Journal of Hand Surgery, 31B:1:101-103, 2006.*

(13)**Mudgal CS**, Hunt TR, Kottke-Merchant K and Mudgal S: The role of protein C, protein S, AT III and tPA in Kienbock's disease. Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(14)**Mudgal CS**, Allen DC, Hoyer H and Patterson BP: Radial nerve palsy in patients with high-energy fractures of the humerus: Is there a role for early exploration? Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(15)**Mudgal CS** : Staged management of tophaceous gout with DIP arthritis in the elderly: A preliminary technique report. (poster). Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(16)**Mudgal CS** : Complex metacarpophalangeal dislocation of the index finger. A pictorial essay. (poster). Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(17)**Mudgal CS** : Dual plating for complex diaphyseal-metaphyseal fractures of the radius. A technique report and pictorial essay. (poster). Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(18)**Mudgal CS**, Mudgal SC and Ring D: Paint gun injuries of the hand. A report of 5 cases and overview of current literature. Abstract book of the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004.

(19)**Mudgal CS**, Popovitz L and Kasser JR: Flexion-type Salter-Harris I injury of the proximal tibial epiphysis. *Journal of Orthopaedic Trauma, 14:4:302-305, 2000.*

- (20)**Mudgal CS**, Martin T and Wilson MG: Reconstruction of Achilles tendon defect with free quadriceps bone-tendon graft. *Foot and Ankle International*, 21;1;10-13, 2000.
- (21)**Mudgal CS** and Wilson MG: Revision tibiototalcalcaneal arthrodesis after a failed intramedullary rod: A technique tip. *Foot and Ankle International*, 20;3;210-211, 1999.
- (22)**Mudgal CS**, Psenica J and Jupiter JB: Radiocarpal fracture-dislocation. *Journal of Hand Surgery*, 28B;1;92-98, 1999.
- (23)**Mudgal CS** and Waters PM: Isolated fracture-subluxation of the second sterno-costal articulation. *American Journal of Sports Medicine*, 26;5;729-730, 1998.
- (24)**Mudgal CS** and Jupiter JB: Nora's lesion: Bizarre parosteal osteochondromatous proliferation. *Journal of Hand Surgery*, 22B;4:469-471, 1997.
- (25)**Mudgal CS** and Hastings H II: Scapholunate diastasis in fractures of the distal radius: Pathomechanics and treatment options. *Yearbook of Hand Surgery*, 1995.
- (26)Lovell ME, **Mudgal CS** and Mobbs PJ: Use of non-cannulated screws in fixation of subcapital fractured necks of femur. *Journal of the Royal College of Surgeons of Edinburgh*, 40:206-207, 1995.
- (27)**Mudgal CS** and Lovell ME: Scapho-capitate syndrome: Distant fragment migration. *Acta Orthopaedica Belgica*, 61:1:62-65, 1995.
- (28)**Mudgal CS** and Hastings H II: Scapholunate diastasis in fractures of the distal radius: Pathomechanics and treatment options. *Journal of Hand Surgery*, 18B:725-729, 1993.
- (29)Jupiter JB, **Mudgal CS** and Goodman LJ: Humeral non-unions in the obese: A difficult surgical problem. *Journal of Bone and Joint Surgery*, 75B:Suppl.1, 1993.
- (30)**Mudgal CS**: Olecranon fractures in osteogenesis imperfecta; a case report. *Acta Orthopaedica Belgica*, 58:4:453-456, 1992.

(31)**Mudgal CS**: Hip function in ectopia vesicae. Dissertation presented to the university of Liverpool, for the degree of M.Ch(Orth.), *The M.Ch.Orthian*, 3:38-39, 1993.

(32)Vaishya R, **Mudgal CS** and Klenerman L: Non-union of an osteochondroma. *Acta Orthopaedica Belgica*, 57:1:68-70, 1991.

(33)**Mudgal CS** and Jones WA: Scapho-lunate diastasis: A component of fractures of the distal radius. *Journal of Hand Surgery*, 15B:4:503-505, 1990.

(34)Narvekar AD, Ambardekar AG and **Mudgal CS**: Internal fixation of fractures of the thoraco-lumbar spine. *The Indian Practitioner*, 527-533, July 1988.

Book Chapters:

(1)**Mudgal CS** and Jupiter JB: Isolated fractures of the bones of the forearm. In, McQueen MM and Jupiter JB (eds.) *Musculoskeletal Trauma Series – Radius and Ulna*, Butterworth-Heinemann, London, England, pp 97-118, 1999.

(2)**Mudgal CS** and Jupiter JB: Reconstruction for non-unions of the olecranon and the proximal ulna. Monograph on “Advanced Reconstruction - Elbow” American Academy of Orthopaedic Surgeons, pp 375-387, 2007.

(3)**Mudgal CS** and Jupiter JB: Fractures of the distal radius. *Plastic Surgery Secrets*, ed. Weinzweig J, 2nd edition, Elsevier, Philadelphia, PA. In Press.

(4)Nolla JM and **Mudgal CS**: Osteoarthritis of the wrist. In, Frontera W, Silver J and Robinson L (eds), *Clinical Physical Medicine: Musculoskeletal disorders, pain and rehabilitation*, 2nd edition, Elsevier, Philadelphia, PA. In Press.

(5)Fitzgerald B and **Mudgal CS**: Rheumatoid arthritis of the wrist. In, Frontera W, Silver J and Robinson L (eds), *Clinical Physical Medicine: Musculoskeletal disorders, pain and rehabilitation*, 2nd edition, Elsevier, Philadelphia, PA. In Press.

(6)Ilyas AM, **Mudgal CS** and Jupiter JB: Volar marginal and Barton’s fractures. In, Slutsky D and Osterman L (eds), *Injuries to the distal radius and carpus- The cutting edge*, Elsevier, Philadelphia PA. In Press.

(7) Ilyas AM, Chen N and **Mudgal CS**: Anatomy and Surgical approaches – Hand, wrist and forearm. In, Wiesel S (ed), Operative techniques in Orthopaedic surgery, Lippincott Williams and Wilkins.

(8) Chen NC, **Mudgal CS**, Jupiter JB, Ring D : Tendon Transfer Procedures. In, Chung KC (ed) Hand and Upper Extremity Reconstruction. Elsevier: London.

(9) Hamilton A, **Mudgal CS** and Jupiter JB: Bioabsorbable implants in surgery of the Hand and wrist. In, Smit TH and Wuisman PIJM (eds) Degradable Polymers for Skeletal Implants, Nova Science Publishers, Inc. Hauppauge, NY 11788.

Papers accepted for publication:

(1) **Mudgal CS** and Jupiter JB: Plate fixation of osteoporotic wrist fractures. Journal of Orthopaedic Trauma. *In Press*.

(2) Ilyas AM and **Mudgal CS**: Radiocarpal fracture-dislocation. Journal of the American Academy of orthopaedic Surgeons. *Accepted – in press*.

(3) Lozano-Calderon S, **Mudgal CS** et al. Prospective Randomized Comparison of Early and Late Wrist Mobilization after Volar Plate Fixation of a Fracture of the Distal Radius. The Journal of Bone and Joint Surgery. *Accepted – in press*.

(4) Shin R, Bastian P, **Mudgal CS**, Ring DC et al.: Steroid injection in trigger fingers. Randomized prospective trial comparing dexamethasone and triamcinolone.

(5) Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Journal of Hand Surgery. – *accepted, in press*.

(6) Souer JS and **Mudgal CS**: Outcome of plating for multiple closed metacarpal fractures. Journal of Hand Surgery. – *accepted, in press*.

(7) Ilyas AM and **Mudgal CS**: Management of hematogenous osteomyelitis of the humeral shaft in the adult. Techniques in Hand and Upper Extremity Surgery. *Accepted, in press*.

Original articles under study and in submission:

- (1) **Mudgal CS**, Hunt TR, Kottke-Merchant K and Mudgal S: The role of protein C, protein S, AT III and tPA in Kienbock's disease.
- (2) **Mudgal CS**, Allen DC, Hoyen H and Patterson BP: Radial nerve palsy in patients with high-energy fractures of the humerus: Is there a role for early exploration?
- (3) Lozano-Calderon S, **Mudgal CS** and Mudgal SC: Paint gun injuries of the hand.
- (4) **Mudgal CS**: Fascial augmentation tenorrhaphy for extensor tendon injuries in zone 8.
- (5) Nourissat G, Ring D, **Mudgal CS**: Bridge plating for temporary stabilization of complex radio-carpal injuries. A technique report.

Presentations and Posters:

International:

- (1) Souer JS and **Mudgal CS**: Outcome of plating for multiple closed metacarpal fractures. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007. (poster)
- (2) Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007.
- (3) Souer JS, Ring DC, Jupiter JB **et al.**: Perilunate Fracture-Dislocations of the Wrist: Comparison of Temporary Screw vs. Kirschner Wire Fixation. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007.

- (4) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007. (poster)
- (5) Shin R, Bastian P, **Mudgal CS**, Ring DC et al.: Steroid injection in trigger fingers. Randomized prospective trial comparing dexamethasone and triamcinolone. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007.
- (6) Lozano-Calderon S, **Mudgal CS** et al. Prospective Randomized Comparison of Early and Late Wrist Mobilization after Volar Plate Fixation of a Fracture of the Distal Radius. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007.
- (7) Souer JS, Ring DC, Jupiter JB **et al.**: Perilunate Fracture-Dislocations of the Wrist: Comparison of Temporary Screw vs. Kirschner Wire Fixation. Pan Pacific Hand and Upper Extremity Trauma Symposium, Queenstown, New Zealand March 2007.
- (8) Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Pan Pacific Hand and Upper Extremity Trauma Symposium, Queenstown, New Zealand March 2007.
- (9) Souer JS and **Mudgal CS**: Outcome of plating for multiple closed metacarpal fractures. Pan Pacific Hand and Upper Extremity Trauma Symposium, Queenstown, New Zealand March 2007.
- (10) Lozano-Calderon S, **Mudgal CS** et al. Prospective Randomized Comparison of Early and Late Wrist Mobilization after Volar Plate Fixation of a Fracture of the Distal Radius. Pan Pacific Hand and Upper Extremity Trauma Symposium, Queenstown, New Zealand March 2007.
- (11) Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Annual Meeting of the Federation of European Societies for Surgery of the Hand, Glasgow, UK June 2006. (poster)
- (12) Lindenhovius AC, Doornberg JN, **Mudgal CS** et al.: Long term outcome of surgically treated complex olecranon fractures. Annual Open Meeting of the European Orthopaedic Research Society, Bologna, Italy June 9, 2006.

(13)Doornberg J.N., Lindenhovius A.L.C., **Mudgal CS**, Forthman C., Jupiter J.B., Kloen P., van Dijk C.N., Ring D.: De Invloed van 3D-CT op Herkenning van Fractuur Karakteristieken van de Distale Humerus. "Jaarvergadering Nederlandse Orthopedische Vereniging 2006" Annual Meeting Dutch Orthopaedic Association 2006.

(14) Lindenhovius A.L.C., Doornberg J.N., **Mudgal CS**, Raaymakers E., Marti R.K. and Kloen P.: Lange Termijn Uitkomst van Operatief Behandelde Complexe Olecranon Fracturen. "Jaarvergadering Nederlandse Orthopedische Vereniging 2006" Annual Meeting Dutch Orthopaedic Association 2006.

(15)Doornberg J.N., Lindenhovius A.L.C., **Mudgal CS**, Forthman C., Jupiter J.B., Kloen P., van Dijk C.N., Ring D.: The Influence of Three-Dimensional Computed Tomography on the Classification of Fractures of the Distal Humerus. Dutch Annual Trauma Meeting "Traumadagen", Ede, The Netherlands, 3-4 November 2005.

(16)**Mudgal CS** : Fractures of the Distal Radius ; Evolution of Implant design. Presented at the 4th Combined Meeting of the American and Japanese Societies for Surgery of the Hand, Honolulu, March 2005.

(17)**Mudgal CS**, Hunt TR, Kottke-Merchant K and Mudgal S: The role of protein C, protein S, AT III and tPA in Kienbock's disease. Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(18)**Mudgal CS**, Allen DC, Hoyer H and Patterson BP: Radial nerve palsy in patients with high-energy fractures of the humerus: Is there a role for early exploration? Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(19)**Mudgal CS** : Staged management of tophaceous gout with DIP arthritis in the elderly: A preliminary technique report. (poster) Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(20)**Mudgal CS** : Complex metacarpophalangeal dislocation of the index finger. A pictorial essay. (poster) Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(21)**Mudgal CS** : Dual plating for complex diaphyseal-metaphyseal fractures of the radius. A technique report and pictorial essay. (poster) Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004

(22)**Mudgal CS**, Mudgal SC and Ring D: Paint gun injuries of the hand. A report of 5 cases and overview of current literature. Presented at the 9th Congress of the International Federation of Societies for Surgery of the Hand, Budapest, June 2004.

(23)**Mudgal CS**: Staged management of tophaceous gout of the DIP in the elderly ; A preliminary technique report. Combined meeting of the British and American Societies for Surgery of the Hand, Cambridge, England, April 2003.

(24)**Mudgal CS**, Allen DC, Hoyen H and Patterson BP: Radial nerve palsy in patients with high-energy fractures of the humerus: Should early exploration be performed? Combined meeting of the British and American Societies for Surgery of the Hand, Cambridge, England, April 2003.

(25) Pradhan RR and **Mudgal CS**: The effect of the position of the lumbar spine and pelvis on version of the acetabular component in total hip arthroplasty. Annual Meeting of the Overseas Doctors Training Scheme (ODTS), London, UK October 1998.

(26)**Mudgal CS** and Hastings H II: Scapholunate diastasis in fractures of the distal radius: Pathomechanics and treatment options. British Society for Surgery of the Hand, London UK, November 1992.

(27)Jupiter JB, **Mudgal CS** and Goodman LJ: Humeral non-unions in the obese: A difficult surgical problem. British Orthopaedic Association, London UK, September 1992.

(28)**Mudgal CS**, Taylor JF, Laliotis N and Rickwood AMK: Analysis of hip function in ectopia vesicae: A preliminary report. Annual Meeting of the British Society for Children's Orthopaedic Surgery, Stoke-on-Trent UK, January 1991.

Local and National :

(1) Lindenhovius A, Doornberg J, **Mudgal CS** et al. A prospective randomised controlled trial of dynamic v/s static progressive elbow splinting for post-traumatic elbow stiffness. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, March 2008.

(2) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. A randomized placebo controlled trial. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, March 2008. (poster)

(3) Cowan J, **Mudgal CS**, Jupiter JB, Ring DC. The determinants of return to work after carpal tunnel release. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, CA, March 2008. (poster)

(4) Vranceneau A-M, Zhao M, **Mudgal CS** et al. Psychological distress and idiopathic arm pain. Annual Meeting of the American Society for Surgery of the Hand, Seattle WA, September 29, 2007.

(5) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. A randomized placebo controlled trial. Annual Meeting of the American Society for Surgery of the Hand, Seattle WA, September 28, 2007.

(6) Lindenhovius A, Doornberg J, **Mudgal CS** et al. A prospective randomised controlled trial of dynamic v/s static progressive elbow splinting for post-traumatic elbow stiffness. Annual Meeting of the American Society for Surgery of the Hand, Seattle WA, September 29, 2007.

(7) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. A randomized placebo controlled trial. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 1, 2006.

(8) Souer JS, Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Adrian Flatt Residents and Fellows conference, at the Annual Meeting of the American Society for Surgery of the Hand, Washington DC, September 9, 2006

(9) Lozano-Calderon S, **Mudgal CS** et al. Prospective Randomized Comparison of Early and Late Wrist Mobilization after Volar Plate Fixation of a Fracture of the Distal Radius. Annual Meeting of the American Society for Surgery of the Hand, Washington DC, September 9, 2006.

(10) Shin R, **Mudgal CS** et al.: Steroid injection in trigger fingers. Randomized prospective trial comparing dexamethasone and triamcinolone. Annual Meeting of the American Society for Surgery of the Hand, Washington DC, September, 2006. (poster)

(11) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. Annual Meeting of the American Society for Surgery of the Hand, Washington DC, September, 2006. (poster)

(12) Mudgal SC and **Mudgal CS**: Paint gun injuries of the hand. Annual Meeting, American College of Occupational and Environmental Medicine, Los Angeles, CA May 2006. (poster)

(13) Souer JS and **Mudgal CS**: Outcome of plating for multiple closed metacarpal fractures. Annual Richard Smith Day, Massachusetts General Hospital, May 2006.

(14) Lozano-Calderon S, **Mudgal CS** et al. Prospective Randomized Comparison of Early and Late Wrist Mobilization after Volar Plate Fixation of a Fracture of the Distal Radius. Annual Richard Smith Day, Massachusetts General Hospital, May 2006.

(15) Henket M, Gilligan BP, Lozano-Calderon S, **Mudgal CS** et al.: Corticosteroid Injection for Lateral Elbow Pain. Annual Richard Smith Day, Massachusetts General Hospital, May 2006.

(16) Souer JS and **Mudgal CS**: Outcome of plating for multiple closed metacarpal fractures. Clinical Research Day, Massachusetts General Hospital, May 2006. (poster)

(17) Lindenhovius AC, Doornberg JN, **Mudgal CS** et al.: Long term outcome of surgically treated complex olecranon fractures. 22nd Annual Open Meeting of the American Shoulder and Elbow Surgeons, Specialty Day, AAOS, Chicago, March 2006.

- (18)Lindenhovius AC, Doornberg JN, **Mudgal CS** et al.: Long term outcome of surgically treated complex olecranon fractures. Annual Meeting, AAOS, Chicago, March 2006. (poster)
- (19)**Mudgal CS**: Complex fractures of the proximal ulna. Annual Meeting of the New England Shoulder and Elbow Society, Jay Peak, VT, February 2006.
- (20)**Mudgal CS** and Jupiter JB: Plate and screw design in fractures of the hand and wrist. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 2005.
- (21)Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 2005.
- (22)**Mudgal CS** and Jupiter JB: Reconstruction for non-unions of the olecranon and the proximal ulna. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 2005.
- (23)Doornberg J.N., Lindenhovius A.L.C., **Mudgal CS**, Forthman C., Jupiter J.B., Kloen P., van Dijk C.N., Ring D.: The Influence of Three-Dimensional Computed Tomography on the Classification of Fractures of the Distal Humerus. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 2005.
- (24)**Mudgal CS**, Mudgal SC and Ring D: Paint gun injuries of the hand. A report of 5 cases and overview of current literature. Annual Meeting of the New England Hand Society, Sturbridge, MA, December 2005.
- (25)**Mudgal CS** : The Upper Limb in Stroke and Traumatic Brain Injured patients: The role of surgery. Fall Meeting of the New England Orthopaedic Society, Boston, November 2005.
- (26)Rutgers M, Shin R, **Mudgal CS**: Long term outcome of combined injuries of the scaphoid and distal radius. Fall Meeting of the New England Orthopaedic Society, Boston, November 2005.
- (27)**Mudgal CS** : Fractures of the hand and wrist: Evolution of Implant design. Annual Meeting of the Orthopaedics Rehabilitation Association, Seattle, September 2005.

(28)**Mudgal CS**: Staged management of tophaceous gout of the DIP in the elderly ; A preliminary technique report. New England Orthopaedic Society, Woodstock, VT, June 2005.

(29)**Mudgal CS**, Mudgal SC and Ring D: Paint gun injuries of the hand. A report of 5 cases and overview of current literature. Presented at Annual Richard Smith Day, Massachusetts General Hospital, May 2005.

(30)**Mudgal CS**: Staged management of tophaceous gout of the DIP in the elderly ; A preliminary technique report. Poster presented at the Annual Meeting of the American Society for Surgery of the Hand, Chicago, IL, September 2003.

(31)**Mudgal CS**: Common problems of the upper limb: A primer for the ancillary primary care provider. Grand Rounds, PA / NP staff Cambridge Health Alliance, Cambridge Hospital, August 2003.

(32)**Mudgal CS**: Compressive Neuropathies of the upper limb. Core Curriculum lecture. Internal Medicine Residency Program, Cambridge Hospital, July 2003.

(33)**Mudgal CS**: Compressive Neuropathies of the upper limb. Bay State Hand Therapy Group, Newton-Wellesley Hospital, May 2003.

(34)**Mudgal CS**: Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for the communities of Cambridge, Somerville, Medford. Somerville Hospital, March 2003.

(35)**Mudgal CS**: Compressive Neuropathies of the upper limb. Core Curriculum lecture. Internal Medicine Residency Program, Cambridge Hospital, November 2002 and March 2003.

(36)**Mudgal CS**: Common tendinopathies of the upper limb. Core Curriculum lecture. Internal Medicine Residency Program, Cambridge Hospital, November 2002.

(37)**Mudgal CS**: Clinical examination of the Elbow, and its common disorders. Grand Rounds, Network Rehabilitation Department, Cambridge Health Alliance, November 2002.

(38)**Mudgal CS**: Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for

the communities of Everett, Revere and Malden. Whidden Hospital, October 2002.

(39)**Mudgal CS**: A Magical Mystery tour – Examination of the hand and upper limb. Bay State Hand Therapy Group, Newton-Wellesley Hospital, April 2002.

(40)**Mudgal CS**: Common disorders of the hand and upper limb. Continuing education program, Nurse Practitioners, Cambridge Health Alliance, February 2002.

(41)**Mudgal CS**, Hunt TR, Kottke-Marchant K and Mudgal S: The role of protein C, protein S, AT III and tPA in Kienbock's disease. Poster presented at the Annual Meeting of the American Society for Surgery of the Hand, Baltimore October 2001.

(42)Allen DC, **Mudgal CS** and Patterson BP: Radial nerve palsy in patients with high-energy fractures of the humerus: Is there a role for early exploration? Annual Meeting of the American Society for Surgery of the Hand, Baltimore October 2001. (poster)

(43)**Mudgal CS**: The management of common acute hand problems. Occupational Medicine Department, Massachusetts General Hospital, May 2001.

(44)**Mudgal CS**: A Magical Mystery tour – Examination of the hand and upper limb. Grand Rounds, Network Rehabilitation Department, Cambridge Health Alliance, March 2001.

(45)**Mudgal CS**: A Magical Mystery tour– Examination of the hand and upper limb. Grand Rounds, Cleveland Clinic Foundation, Cleveland OH, February 2000.

(46)**Mudgal CS**: The “eclipsed” wrist. Acute perilunate injury. Cleveland Clinic Foundation, Cleveland OH, January 2000.

(47)**Mudgal CS**: Fractures of the distal radius. The dark side. Grand Rounds of the MetroHealth Medical Center, Cleveland OH, August 1999.

(48)**Mudgal CS**, Caines MA, Lew R and Wilson MG: Risk factors for the development of deep vein thrombosis after surgery of the foot and ankle. American Orthopaedic Foot and Ankle Society, Specialty Day, AAOS, Anaheim CA, February 1999.

- (49)**Mudgal CS** : Radiocarpal fracture-dislocations. Thesis presented to the Harvard Combined Orthopaedics Program, December 1997.
- (50)**Mudgal CS**, Psenica J and Jupiter JB: Radiocarpal fracture-dislocations: Results of operative fixation and review of management tactics. Annual "Richard Smith, MD" Lecture Series, Massachusetts General Hospital, November 1997.
- (51)**Mudgal CS**, Psenica J and Jupiter JB: Radiocarpal fracture-dislocations: Results of operative fixation and review of management tactics. Poster presented at the Annual Meeting of the American Society for Surgery of the Hand, Denver CO, September 1997.
- (52)**Mudgal CS**: Pigmented Villonodular synovitis. Combined Grand Rounds of Brigham and Women's Hospital, Beth Israel Hospital and Children's Hospital, September 1995.
- (53)**Mudgal CS** and Johnson R: Patellaplasty: A preliminary report. The Annual Liverpool Registrar's Short Paper Presentation, Liverpool UK, September 1993. ***Awarded the 2nd prize.***
- (54)Jupiter JB, **Mudgal CS** and Goodman LJ: Humeral non-unions in the obese: A difficult surgical problem. The Annual Liverpool Registrar's Short Paper Presentation, Liverpool UK, September 1992. ***Awarded the 1st prize for the best short paper.***
- (55)**Mudgal CS** and Hastings H II: Scapholunate diastasis in fractures of the distal radius. The Indiana Hand Center, Indianapolis IN, October 1991.
- (56)**Mudgal CS** and Jones WA: Scapholunate diastasis in distal radius fractures: A retrospective radiologic analysis of ten cases. Mersey Region Hand Conference, Liverpool UK, October 1989.
- (57)Prabhu P. Ingalhalikar VT and **Mudgal CS**: Occult instabilities of the lumbar spine. Annual Meeting of the Association of Spine Surgeons of India, Bangalore India, December 1988.
- (58)**Mudgal CS** and Ingalhalikar VT: Anatomy of the lumbar spine: With a view to internal fixation. Annual Spine Surgery Workshop, Association of Spine Surgeons of India, Bombay India, November 1988.

(59)**Mudgal CS**: Hereditary onycho-osteodysplasia. Bombay Orthopaedic Society, Bombay India, October 1987.

(60)**Mudgal CS**: Osteopetrosis. Bombay Orthopaedic Society, Bombay India, April 1986.

Invited Lectures / Grand Rounds:

(1)**Mudgal CS**: Long term outcome of fractures of the elbow region. 10th Congress of the International Federation of Societies for Surgery of the Hand, Sydney, Australia March 2007.

(2)**Mudgal CS**: Nerve dysfunction in fractures around the wrist. King Edward Memorial Hospital, Bombay, India, August 2006.

(3)**Mudgal CS**: Fractures of the olecranon. King Edward Memorial Hospital, Bombay, India, August 2006.

(4)**Mudgal CS**: Perilunate injuries. King Edward Memorial Hospital, Bombay, India, August 2006.

(5)**Mudgal CS**: Complex fractures of the proximal ulna. Annual Meeting of the New England Shoulder and Elbow Society, Jay Peak, VT, February 2006.

(6)**Mudgal CS** : Fractures of the hand and wrist ; Evolution of Implant design. Grand Rounds of the Orthopaedics Department, Massachusetts General Hospital, Boston, November 23, 2005.

(7)**Mudgal CS** : Fractures of the hand and wrist: Evolution of Implant design. Annual Meeting of the Orthopaedics Rehabilitation Association, Seattle, September 2005.

(8)**Mudgal CS** : Fractures of the Distal Radius ; Evolution of Implant design. King Edward Memorial Hospital, Bombay, India, April 2005.

(9)**Mudgal CS** : Internal fixation of fractures in the Hand and Wrist. King Edward Memorial Hospital, Bombay, India, April 2005.

(10)**Mudgal CS** : The Upper Limb in Stroke and Traumatic Brain Injured patients: The role of surgery. Grand Rounds of the Stroke service, Neurology Department, Massachusetts General Hospital, Boston, MA April 2005.

(11)**Mudgal CS** : Surgery of the Upper Limb in Stroke and Traumatic Brain Injured patients. Grand Rounds of the Spaulding Rehabilitation Hospital, January 2005.

(12)**Mudgal CS** : Arthritis of the Hand, wrist and elbow. Live Television interview telecast to the Metro-Boston Area by Boston Neighbourhood Network Channel, April 17, 2003. Sponsored by The Arthritis Foundation. Projected viewership of 300,000 households.

(13)**Mudgal CS**: Common problems of the upper limb: A primer for the ancillary primary care provider. Grand Rounds, PA / NP staff Cambridge Health Alliance, Cambridge Hospital, August 2003.

(14)**Mudgal CS**: Compressive Neuropathies of the upper limb. Bay State Hand Therapy Group, Newton-Wellesley Hospital, May 2003.

(15)**Mudgal CS**: Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for the communities of Cambridge, Somerville, Medford. Somerville Hospital, March 2003.

(16)**Mudgal CS**: Clinical examination of the Elbow, and its common disorders. Grand Rounds, Network Rehabilitation Department, Cambridge Health Alliance, November 2002.

(17)**Mudgal CS**: Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for the communities of Everett, Revere and Malden. Whidden Hospital, October 2002.

(18)**Mudgal CS**: A Magical Mystery tour – Examination of the hand and upper limb. Bay State Hand Therapy Group, Newton-Wellesley Hospital, April 2002.

(19)**Mudgal CS**: The management of common acute hand problems. Occupational Medicine Department, Massachusetts General Hospital, May 2001.

(20)**Mudgal CS**: A Magical Mystery tour – Examination of the hand and upper limb. Grand Rounds, Network Rehabilitation Department, Cambridge Health Alliance, March 2001.

(21) **Mudgal CS:** A Magical Mystery tour– Examination of the hand and upper limb. Grand Rounds, Cleveland Clinic Foundation, Cleveland OH, February 2000.

(22)**Mudgal CS:** Fractures of the distal radius. The dark side. Grand Rounds of the MetroHealth Medical Center, Cleveland OH, August 1999.

(23)**Mudgal CS:** Pigmented Villonodular synovitis. Combined Grand Rounds of Brigham and Women’s Hospital, Beth Israel Hospital and Children’s Hospital, September 1995.

Invited Faculty:

(1) International Co-Chairman, AO Basic Principles Course, Bangalore, India, July 2008.

(2) International Co-Chairman, AO Basic Principles Course, Kolkata, India, July 2008.

(3)Faculty / Discussor, “Primary Care Orthopaedics” – Upper Extremity Section. Course conducted by Department of Orthopaedics, Massachusetts General Hospital, Course Director, David Ring MD, May 2007 Boston, MA.

(4)Faculty and Table Instructor, AO/ASIF Basic Principles Course, Burlington MA, May 2007.

Tension band Principles

Articular fractures of the distal radius

(5)Panel Member, Annual Meeting of the New England Hand Society, Sturbridge, MA, December 1, 2006.

Carpal fractures

(6)Faculty, AO/ASIF Upper Extremity course, Newport, RI, July 27-29, 2006.

Nonunion of the bones of the forearm

Nerve dysfunction in fractures of the distal radius

Distal humerus fracture patterns

Fractures of the olecranon

(7) Faculty, New England Fracture Forum. Resident Education Program sponsored by AO/ASIF, May 2006

Fractures of the distal radius

(8) Faculty / Discussor, "Primary Care Orthopaedics" – Upper Extremity Section. Course conducted by Department of Orthopaedics, Massachusetts General Hospital, Course Director, David Ring MD, May 2006 Boston, MA.

(9) Faculty, New England Fracture Forum. Resident Education Program sponsored by AO/ASIF, May 2005.

Fractures of the distal radius.

Fractures of the radial head

Fractures of the distal humerus

(10) Faculty / Discussor, "Primary Care Orthopaedics" – Upper Extremity Section. Course conducted by Department of Orthopaedics, Massachusetts General Hospital, Course Director, David Ring MD, May 2005 Boston, MA.

(11) Faculty / Discussor, "Primary Care Orthopaedics" – Upper Extremity Section. Course conducted by Department of Orthopaedics, Massachusetts General Hospital, Course Director, David Ring MD, May 2004 Boston, MA.

(12) Faculty / Discussor, "Primary Care Orthopaedics" – Upper Extremity Section. Course conducted by Department of Orthopaedics, Massachusetts General Hospital, Course Director, David Ring MD, May 2003, Boston, MA.

(13) Peer Reviewer / Discussor, Annual Meeting of the American Society for Surgery of the Hand, Adrian Flatt Residents and Fellow Conference, Baltimore MD, October 2001.

(14) Peer Reviewer / Discussor, Annual Meeting of the American Society for Surgery of the Hand, Adrian Flatt Residents and Fellow Conference, Denver CO, September 1997.

(15) Faculty, Annual Spine Surgery Workshop, Association of Spine Surgeons of India, Bombay India, November 1988.

Journal Reviewerships:

- (1) Editorial Board, Techniques in Hand and Upper Extremity Surgery, 2005.
- (2) Review panel, Indian Journal of Plastic Surgery, 2004 – present.
- (3) Review panel, electronic Orthopaedic Journal, on the World wide Web run by Biomedcentral.com, London, UK, 2002 – present.
- (4) Review panel, Clinical Anatomy, 2005-
- (5) Review panel, Journal of Orthopaedic Trauma, 2005-
- (6) Review Panel, Clinical Orthopaedics and Related Research, 2006-

Community Education Programs:

- (1)**Mudgal CS** : Arthritis Foundation Walk, “Doc in a Box” Boston, MA October 2004.
- (2)**Mudgal CS** : Arthritis of the Hand, wrist and elbow. Live Television interview telecast to the Metro-Boston Area by Boston Neighbourhood Network Channel, April 17, 2003. Sponsored by The Arthritis Foundation. Projected viewership of 300,000 households.
- (3)**Mudgal CS** : Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for the communities of Cambridge, Somerville, Medford. Somerville Hospital, March 2003.
- (4)**Mudgal CS**: Arthritis of the Hand, wrist and elbow. A primer for the non-medical person. Community lecture sponsored by The Arthritis Foundation, for the communities of Everett, Revere, Malden and Chelsea. Whidden Hospital, October 2002.

Resident / Fellow / Medical student Teaching Sessions :

Harvard Combined Orthopaedic Surgery Residency

MGH Hand Surgery Fellowship

January – June 2005:

(1)**Mudgal CS:** Injuries to the hand associated with sporting activity.
Massachusetts General Hospital, Sports Medicine Service. March 2005. 10-15 attendees.

(2)**Mudgal CS:** Fracture Conference, Core Lecture Series.

Perilunate Injuries

Distal Radius fractures

Metacarpal and phalangeal fractures

Monteggia fractures

Olecranon fractures

Nerve injuries associated with humerus fractures

15-20 attendees per session

(3)**Mudgal CS:** Orthopaedic Core Curriculum, Hand and Upper limb

Metacarpal and phalangeal fractures

Volar plating of distal radius fractures

45-50 residents and fellows

July – December 2005 :

(1)**Mudgal CS:** Fracture Conference, Core Lecture Series

Nerve injuries associated with distal humerus fractures

Basilar thumb fractures

Intra-articular fractures in the hand

Galeazzi / Monteggia fractures

Olecranon fractures

15-20 attendees per session

(2)**Mudgal CS:** Anatomy Core Curriculum. Hand and Upper Limb.

Practical anatomy of the forearm and wrist

Cadaveric prosection and review

40-45 residents

January – June 2006 :

(1)**Mudgal CS:** Fracture Conference, Core Lecture Series

Scaphoid fractures

Intra-articular fractures in the hand

Fracture-dislocations of the elbow

Perilunate injuries

Olecranon fractures

15-20 attendees per session

(2)**Mudgal CS:** Director, Orthopaedic Core Curriculum, Hand and Upper limb

Tumors of the hand

Tendon injuries – basic science and surgical management

30-35 residents and fellows

July – December 2006 :

(1)**Mudgal CS:** Fracture Conference, Core Lecture series

Scaphoid fractures

Metacarpal and phalangeal fractures

Monteggia and Galeazzi fractures

Perilunate dislocations

(2)**Mudgal CS:** Core Curriculum, MSK education for HMS III, IV year students

Examination of the hand, wrist and elbow

January 2007- :

Director, Resident education, Harvard Combined Orthopaedic Surgery

Residency Program ; Hand and Upper limb curriculum.

Orthopaedic Hand Service, Massachusetts General Hospital

