

# Amit W. Bhandarkar, MD.

Orthopedic Spine and Pain Surgeon | SSM Health Centralia IL

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[www.onlinespinecare.com](http://www.onlinespinecare.com)

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## LICENSURE AND MORE

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- Active Current Licenses
  - Illinois – 036.139482
  - Missouri- 2021018534
  - Texas-T9641
- Other Active Licenses
  - New York 275121,
  - India 2002/03/1122
- DEA
  - Federal- IL- FB4950235
  - Federal -MO- FB1267500
  - Federal – TX- FB3829681
- NPI- 1962711937

### Previous Licenses

- New York, Inactive, Number: P 85545, Exp. Date: August 2013
- Washington, Inactive, Number: TR 60239127, Exp. Date: August 2012
- Alabama, Inactive, Number: L 3267R, Exp. Date: December 2011
- Ohio, Inactive, Number: 35.126805

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## CERTIFICATIONS

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### Educational Commission for Foreign Medical Graduates Certificate

- Certificate number – 0-755-481-9 (Aug 24<sup>th</sup>, 2009)

### American Board of Spine Surgery/ AANOS

- Part I – Successfully completed – Nov 2020
- Part II – Successfully completed – Jan 2021

### Boards - American Board of Spine Surgery/ISASS

- Part I – Successfully completed – June 2018

### AO Spine Global Diploma in Spine Surgery

- Successfully Cleared in 2022

### Life Support Certificates (till 2026)

- **ACLS**
- **BLS certificates**

### Minimally invasive spine- Implant specific trainings

*Interlaminar stabilizations, SI joint fusion, Cemented Screws, Kyphoplasty's and vertebral height restoration, Motion preservation devices (cervical disc replacement and lumbar disc replacements) Neuromodulation, Spinal injections, Endoscopic Spine interlaminar and transforaminal decompression, Endoscopic fusion. Posterior cervical DTRAX fusion, Oblique lumbar interbody fusion, Xtreme Lateral interbody fusion, Sprint Peripheral Nerve Stimulation etc.*

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## WORK EXPERIENCE AS ORTHOPEDIC SPINE SURGEON

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### Orthopedic Spine Surgeon and Interventional Pain Surgeon

- **Texas Orthopedic and Spine Associates - FEB 2024- Present**  
923 College Ave Ste 101, Fort Worth, TX 76104 <https://txosa.com/>
- **SSM Health -Sept 2020- till date**  
402 N Pleasant Ave, Centralia IL 62801 Ph. **618.436.6185**
- **S.P.I.N.E. Center – (ONLINESPINECARE.COM)- – Current Practice**  
104. Clarkson Executive Building 16216 Baxter Road Suite 110 Chesterfield MO 63017
- **Frontenac Surgery and Spine Care Center -Jan 2023 to present.**  
10435 Clayton Road Suite 110 Frontenac Missouri 63131 Phone 3149953990
- **Fairfield Memorial Hospital - March 2018- March 2024**  
303 NW 11<sup>th</sup> Street. Fairfield, IL Ph.618-842-2082
- **Good Samaritan Surgery Center - June 2019 - till date**  
2 Good Samaritan Way Ste 200, Mt Vernon IL 62948 Ph.618.899.5703
- **Salem Township Hospital - Oct 2020 – March 2024**  
1201 Ricker Dr, Salem IL 62881 Ph.**618.548.3194**
- **Harrisburg Medical Center-Till 2018**  
100 Dr. Warren Tuttle Drive. Harrisburg, IL 62946- Ph.618.253.7671
- **Marion Surgical center Till 2018**  
705 S Grand St, Nashville, IL 62263 Ph.**618.327.8236**
- **Consultant and Spine Surgeon Heartland Regional Medical Center - Nov 2018 – Jan 2021.**  
Suite 201 – 3333 W DeYoung St, Marion IL 62959 Ph.618.998.7000
- **Consultant and Spine Surgeon Prairie Spine and Pain Jan 2016 – May 2018**  
1306 N Russell Street, Marion IL 62959- Ph.618.579.0726

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## FELLOWSHIPS

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- New York University, Hospital for Joint Diseases, New York, NY, USA - (Aug 2012 – Jul 2013)



Fellowship (Pediatric Orthopedics and Spine)

- University of Alabama, Birmingham, AL, USA - (Aug 2010 – Jul 2011)  
Fellowship (Pediatric Orthopedics and Spine)
- Tohoku University, Sendai, Japan - (Mar 2014)  
Travelling Fellowship (Spine)
- Korea University, Wooridul Hospital, Seoul, South Korea - (Jan 2012 – Aug 2012)  
Fellowship (Scoliosis and Neuromuscular Spinal Deformity Surgery)  
Fellowship (Minimally Invasive Endoscopic Spine Surgery)
- Hospital for Sick Children, Toronto, Canada - (Aug 2013 – Dec 2013)  
Observership (Pediatric Spine Surgery)

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## MEDICAL EDUCATION

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### Residency

- Lokmanya Tilak Municipal Medical College, Mumbai, India - (2004 - 2007)  
Residency (Master of Surgery in Orthopedics)  
MS - Master of Orthopedics Surgery

### House Officer

- Super Specialty Hospital, Nagpur, India - (2002 - 2003)  
House Officer in Neurosurgery

### Internship

- Jawaharlal Nehru Medical College (Wardha) and Gov. Medical College, Nagpur, India

### Medical School

- Jawaharlal Nehru Medical College (Wardha), India - 1996 - 2001  
MBBS – Bachelor of Medicine & Bachelor of Surgery

### Before Medical School

- Higher Secondary School Certificate – Nevjabai Hitkarini College, Bramhapuri, MS, India -1996
- Secondary School Certificate- Nevjabai Hitkarini High School, Bramhapuri, MS, India- 1994

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## TEACHING EXPERIENCE

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- NKP Salve Institute for Medical Sciences, Nagpur, India- 2009 - 2010  
Assistant Professor
- Indira Gandhi Memorial Hospital, Republic of Maldives 2007 – 2009  
Senior Registrar in Orthopedics
- Southern Illinois University – Medical and PA school  
Assistant professor
- Medical student and Orthopaedic Resident education



Hospital for joint diseases NY, University of Alabama AL, GMC Nagpur India, LTMMC Mumbai India, IGMH Maldives India, GMC Nagpur India

- Physician assistant and Nursing educator

SSM health, Fairfield Memorial Hospital, Salem township hospital, Heartland Regional hospital, Harrisburg Hospital,

- Educator and Mentor for CRNA students in Pain Fellowship at Texas Christian University -2023

- Mentorship for medical students, interns, residents, and spine surgeons

Across all academic areas of work- mentored visiting foreign Spine Surgeons while in the USA and while visiting India and other countries.

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## REVIEW WORK

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### Editorial Board

- International Journal of Orthopedics (since 2014)
- Austin Spine Journal (since 2016)
- SM Journal of Pediatric Surgery (since 2016)
- Current Updates in Orthopedics (since 2017)
- ARC Journal of Orthopedics (since 2017)
- The Backbone – Spine Journal (Since 2021)
- The Gazette of Medical Sciences (Since 2021)
- The Journal of Multidisciplinary Health Sciences (Since 2022)

### Reviewer

- *Journal of Orthopedics and Bone Research* (since 2018)
- Orthopedic Research Online Journal (since 2018)
- European Spine Journal (since 2018)
- The Spine Journal (NASS) since 2022

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## ACADEMIC HONORS/ AWARDS

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- First Runner up In Divisional level of Indian Academy of Pediatrics Quiz. (2000)
- Fifth Rank (Summa cum-laude) in final MBBS (Bachelor of Medicine, Bachelor of Surgery) Graduating class, JN Medical College India. (2002)
- USMLE – 99th percentile Step 1 and 2
- Open Merit Scholarship recipient in 10<sup>th</sup> Grade
- Selected in National talent Search exam in 1995 State level and National Level.
- Ranked 24<sup>th</sup> amongst 10,000 medical postgraduate aspirants in Maharashtra State Postgraduate Entrance (2004)
- 12<sup>th</sup> Grade first in School (science stream) and Town of Bramhapuri Class of 1996
- First in Surgery in the Medical School Class of 1996

- First in anatomy in the Medical School Class of 1996
- First in Pharmacology in the Medical School Class of 1996
- First Rank Merit admission to residency at LTMMGH for the class of 2007 in Orthopedics
- Ao-spine Fellow at UAB combined orthopedic and neurosurgical spine fellowship.
- Ortho Spine Grant -clinical gait assessment competition winner
- Recognized in Maldives to perform one of the first successful spine trauma surgery 2007.
- Combined medical services UPSC exam Top percentile from the state of Maharashtra state Class of 2003-4
- Special mention from the administration for the exemplary patient care and satisfaction.
- Prime revenue generator for the hospital --recognized by the Southern IL hospitals.
- Medical Honoree- Walk to Cure Arthritis 2019 Southern Illinois Chapter

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## LECTURES- PRESENTATION – INTERNATIONAL/NATIONAL

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- Vidarbha Orthopedic Society – Spine Conference and Education - Nagpur India 04/15/15, Changing Concepts in Disc Surgery
- Small Surgeries to Prevent Big Deformities in Children – Lecture at Indian Medical Association, Bramhapuri, Maharashtra, India, Sept 1, 2015
- Lata Mangeshkar Hospital Nagpur- Orthopedic Surgery Grand Round, Nagpur Jan 2017- Identifying Pain Generators in Spine Surgery
- Common Spinal Disorders and Prevention Lecture, Golden Circle, Harrisburg IL, March 29<sup>th</sup>, 2017
- Recent Advances in Spine Surgery Lecture, Our Health Circle Heartland Memorial Hospital Marion, IL Feb 28<sup>th</sup>, 2018
- What's new in Spine Surgery – Lecture, and as a faculty at Wardha Spine Course on Minimally invasive spine surgery 4<sup>th</sup> August 2018
- Physical examination of Spine – CARE- Resident training course supported by Indian Orthopedic Association at Wardha DMIMS Oct 1<sup>st</sup>, 2018.
- Medical Honoree- Walk to Cure Arthritis 2019 Southern Illinois Chapter
- Relieving Chronic Pain. Restoring function. Renewing hope – Pain management by Dr Amit Bhandarkar -Talk given at SI Wellness expo, March 2019.
- AAPI DI Spring CME May 2019 – Organization of the CME event and conducting Medical Quiz.
- Everything You want to know about Low Back Pain – CME Lecture at Heartland regional Medical Center Marion IL – May 2019
- 2019 Medical Honoree- Walk to Cure Arthritis by Arthritis foundation.
- Online Lecture – Webinar for Orthopedic principles website May 2020 Integrating Pain in Spine Practice. <https://orthopaedicprinciples.com/2020/05/integrating-pain-in-spine-practice/>
- Online Lecture – Webinar for Orthopedic principles website July 2020 Deciding Optimal Cage for TLIF [https://www.youtube.com/watch?v=uCR\\_Ss59odE](https://www.youtube.com/watch?v=uCR_Ss59odE)
- Online Lecture – Webinar for Orthopedic principles website August 2020 – Sagittal Balance analysis Key concepts. <https://www.youtube.com/watch?v=XR6Ka2K23bg>
- **Bhandarkar AW**, Recent advances in Osteoporotic Spine Surgery; Ortho TV- MOA (Maharashtra Orthopedic Association) webinar on Osteoporotic Spine dated on 2022/07/24. <https://orthotvonline.com/maharashtra-orthopaedic-association-spine-symposium-all-about-osteoporotic-spine/>  
<https://www.youtube.com/watch?v=tI809f8J6ZE&t=2s>

- Chairing a session – Live Surgery – Minimally Invasive TLIF using Robot and Navigation. 2<sup>nd</sup> Spine Deformity Correction at AIIMS New Delhi India March 2023.

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## PUBLICATIONS AND PRESENTATIONS

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- Jairam J, DasGupta B, **Bhandarkar A**. Fixation of Fracture Transcervical Neck Femur in Young Adults Poster presented in IAOCN-2006 at Mumbai (2006)
- **Bhandarkar A**. Povidone Iodine in Orthopedics: Is the Wide Use Justifiable? Paper presented at the 5<sup>th</sup> OASAC Conference at Maldives (2008)
- **Bhandarkar A**. Reconstruction of Radial Collateral Ligament of Thumb Using Abductor Pollicis Brevis. Poster presented at the 5<sup>th</sup> OASAC Conference at Maldives (2008)
- **Bhandarkar A**. Triggering in de Quervain's Use of Longitudinal Incision. Poster presented at the 5<sup>th</sup> OASAC Conference at Maldives (2008)
- **Bhandarkar A**. Treatment of Hereditary Multiple Exostosis. Poster presented at the 5<sup>th</sup> OASAC Conference at Maldives (2008)
- **Bhandarkar A**. Wartenberg's Syndrome as a Late Complication of Radial Head Excision. Trauma paper in WIROC2008 (2008)
- **Bhandarkar A**. Reconstruction of Radial Collateral Ligament of Thumb Using Abductor Pollicis Brevis. Trauma paper in WIROC2008 (2008)
- **Bhandarkar A**. Steven Theis, Donald Deinlein, Correlation of Pelvi-Acetabular Parameters in Adult Spinal Deformity Patients. Poster presented at AO Fellows Forum, Banff Alberta Canada (2011)
- **Bhandarkar A**, Steven Theis, Donald Deinlein, Management of Thoraco-Lumbar Trauma, Chapter for IEP Spine Web Site (2011)
- Yang J H, **Bhandarkar A W**, Suh S W Isolated Percutaneous Thoracoplasty Procedure for Skeletally Mature Adolescent Idiopathic Scoliosis Patients, With Rib Deformity as Their Only Concern: Short Term Outcomes. *Spine* (2012) PubMed ID 23076463
- Yang J H, **Bhandarkar A W**, Suh S W Intraoperative Airway Obstruction in a Duchene Muscular Dystrophy Patient. *Eur Spine J*. (2013) PMID: 23503897
- **Bhandarkar A W**, Norman Otsuka, David Feldman, Sandra Moore Characterization of Osteomyelitis by MRI – Presentations at Sir Robert Jones Lecture at HJD, NYU (2013)
- **Bhandarkar A**, David Feldman: Critical Analysis of Sagittal Balance in Patients with Familial Dysautonomia - Maladaptation Test for Spine. Fellows Presentation Conference NYU HJD (2013)
- **Bhandarkar A**. Norman Otsuka, David Feldman: Deciding Distal Fusion Extent in Lenke Type I and II Adolescent Idiopathic Scoliosis; Poster Presentation 2013 American Academy of Pediatrics (AAP) National Conference and Exhibition, Orlando, FL (2013)
- **Bhandarkar A**, Norman Otsuka, David Feldman: Functional and Radiological Outcomes After Modified Evans Procedure: Poster Presentation at the 2013 American Academy of Pediatrics (AAP), Orlando, FL (2013)
- Deinlein D, **Bhandarkar A W** Theiss S: Correlation of Pelvic and Spinal Parameters in Adult Deformity Patients With Neutral Sagittal Balance. *Spine Deformity* Volume 1, Issue 6, Pages 458-463 (2013)
- Guilherme Meyer, Gun Choi, **Bhandarkar AW**, Transcorporeal Cervical Foraminotomy: Description of Technique and Results. *Coluna/Columna* (2014) 13(3):180-4
- Yang JH, **Bhandarkar AW**. Short Apical Rib Resections Thoracoplasty Compared to Conventional Thoracoplasty in Adolescent Idiopathic Scoliosis Surgery. *European Spine Journal* (2014) PMID: 24719039

- Yang JH, Barani R, **Bhandarkar AW**, Suh SW, Hong JY, et al. Changes in the Spinopelvic Parameters of Elite Weightlifters. *Clinical Journal of Sport Medicine* (2014) PMID: 24727575
- Yang J H, **Bhandarkar A W**, Suh S W. Does Delaying Surgery in Immature Adolescent Idiopathic Scoliosis Patients with Progressive Curve Lead to Addition of Fusion Levels? *European Spine Journal* (2014) PubMed; PMID: 24947183
- Yang J-H, **Bhandarkar AW**, Suh S-W, Hong J-Y, Hwang JH, Ham CH. Evaluation of Accuracy of Plain Radiography in Determining the Risser Stage and Identification of Common Sources of Errors. *Journal of Orthopaedic Surgery and Research* (2014) PMID 25407253
- **Bhandarkar AW**, Spine Surgery Versus Opioids for Chronic Back Pain. Lecture and Presentation at AAPI – DI Meeting, Carbondale IL (2017)
- Nandu Meshram, **Amit Bhandarkar**, **Reena** Meshram, Rajshree Bhandarkar, Tobacco Addiction and Its Consequences on Oral Health of Indigenous and Rural People - A Cross Sectional Study from Central India. *Tob. Induc. Dis.* (2018) 16(Suppl 1): A907
- Thoracolumbar Spine ;**A Bhandarkar**, S Anuj; Orthopedic Knowledge Update: Sports Medicine 6, Chapter 35 ADD three more publications.
- **Bhandarkar AW**, Integrating pain related interventional procedures in Spine Practice; American academy of Neurological and Orthopedic Surgeons 44<sup>th</sup> Annual Scientific Meeting – Presentation 2021/6/26. <https://www.youtube.com/watch?v=oKPCIGq2xFg&t=1251s>
- Cheppalli N, **Bhandarkar A W**, Sambhandham S, et al. (November 11, 2021) Safety and Efficacy of Genicular Nerve Radiofrequency Ablation for Management of Painful Total Knee Replacement: A Systemic Review. *Cureus* 13 (11): e19489. Doi: 10.7759/cureus.19489
- N Cheppalli, A Goel, A Wassef, **AW Bhandarkar**, S Kakish "Polyethylene Liner Dissociation in the Early Post-Operative Period Following Total Hip Arthroplasty: A Case Report and Literature Review." *Cureus* vol. 14,5 e25119. 18 May. 2022, doi:10.7759/cureus.25119
- **A Bhandarkar**, S Sarcopenia and Back Pain; American Academy of Neurological and Orthopaedic Surgeons 45<sup>th</sup> Annual Scientific Meeting dated on 2022/04/30. <https://www.youtube.com/watch?v=jL3qnBh6fyo>
- **A Bhandarkar**, Everything you want to know about Low Back Pain; Presentation at the Annual CME Conference at IMCSTL at St louis on 2022/10/29.
- HA Patel, NS Chhapali, **AW Bhandarkar**, Patel V, Singla A. Lumbar Spinal Steroid Injections, and Infection Risk after Spinal Surgery: A Systematic Review and Meta-Analysis. *Asian Spine J.* 2022 Dec;16(6):947-957. doi: 10.31616/asj.2021.0164. Epub 2022 Mar 8. PMID: 35249315.
- **A Bhandarkar**, Spine Sagittal balance analysis and Deformity correction planning. Presentation at 2<sup>nd</sup> International Spine deformity course 2023/03/ 30

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## PROFESSIONAL MEMBERSHIPS

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- Illinois State Medical Society
- Southern Illinois Medical Association
- International Society for Advancement of Spine Surgery
- North American Spine Society
- Association of Spine Society of India
- AO Spine Member North America
- American Academy of Neurological and Orthopedic Surgeons AANOS
- Indian Medical Council of St louis

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- Vidarbha Orthopedic Association.

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## VOLUNTEER EXPERIENCE

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- Society for Oral Cancer and Health (SOCH), India  
Founding Member: SOCH is a Non-Governmental Organization where we serve medical needs of underprivileged tribes of Gadchiroli District. **Awards for Society** - Dr Ambedkar Ratna – Global Changemakers Award
- Operating Surgeon from USA -Health and Care foundation - Complex Pediatric Spinal Surgery Camp - Feb 2020
- Operating Surgeon from USA -Health and Care foundation - Complex Pediatric Spinal Surgery Camp - Jan 2019
- Volunteer activity- IMCSTL – annual conference chairman 2022
- Volunteer Activity – Physician at Annual Health Camp at Gandhi foundation STL 2022 and 2023
- Sahishnu foundation - At Sahishnu Foundation, we are many young, motivated people inspired by Dr. Wasudeorao Bhandarkar's ideals. We are striving hard to realize his vision of a sustainable, **greener planet** with **universal access to education and healthcare**.  
<https://sahishnu-foundation.com>