

CURRICULUM VITAE
Harold J. P. van Bosse, M.D.

Revised October 2024

EDUCATION AND TRAINING: (Chronological order)

DATES DEGREE/YR/SUBJECT		
UNDERGRADUATE SCHOOL University of Illinois, Urbana-Champaign Campus, IL	8/80 - 5/84	B.S., 1984, Honors Biology, with Distinction B.A., 1984, Psychology
GRADUATE/PROFESSIONAL SCHOOL University of Illinois College of Medicine, Chicago, IL	9/85 - 6/89	M.D., 1989
GRADUATE MEDICAL EDUCATION Internship, General Surgery: University of Illinois, College of Medicine, Chicago, IL Residency, Orthopaedic Surgery: University of Illinois, College of Medicine, Chicago, IL Fellowship, Pediatric Orthopaedic Surgery: The Hospital for Sick Children,	7/89 - 6/90. 7/90 - 6/94 7/94 - 6/95	

FURTHER LEARNING

Healthcare Change Management Certificate 03/2022-05/2022
Cornell University

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LICENSURE

Missouri 2022040078 Active 2022-present U.S.A. DEA BV 3572814 Active
Pennsylvania MD 434500 Inactive 2008-2022 New York MD 200545 Inactive 1995-2022
Puerto Rico 019454 Inactive 2018 Illinois MD 036-084861 Inactive
Ontario, Canada MD 68443 Inactive 1994-1995 Virginia 0101260880 Inactive 2016-2021

BOARD CERTIFICATION

National Board of Medical Examiners (Parts I, II, and III) June 1987, September 1988,

March 1990

American Board of Orthopaedic Surgeons, Chicago July 1997

Most recent recertification July 2016

ACADEMIC HONORS AND AWARDS

Magna Cum Laude University of Illinois, Urbana-Champaign 1984 Phi Beta Kappa University of Illinois, Urbana-Champaign 1984 Phi Beta Phi University of Illinois, Urbana-Champaign 1984 Golden Key National Honor Society University of Illinois, Urbana-Champaign 1984 Alpha Lambda Delta University of Illinois, Urbana-Champaign 1982 Illinois State Scholarship Commission University of Illinois, Urbana-Champaign 1981 Academic Scholarship Chancellor's Student Service Award University of Illinois, College of Medicine 1986 Chosen Student Participant University of Illinois, College of Medicine 1988 American College of Surgeons
1988 Clinical Congress
Lange Medical Publishers Award University of Illinois, College of Medicine 1988

APPOINTMENTS (Chronological order)

ACADEMIC

Assistant Professor of Orthopaedic Surgery
Albert Einstein College of Medicine, Bronx, NY 1996-98
New York University, New York, NY 1999-2008
Associate Professor of Orthopaedic Surgery
Temple University, Philadelphia, PA 2009-2022
Adjunct Clinical Associate Professor
Thomas Jefferson University, Philadelphia, PA 2016-2020
Adjunct Professor of Orthopaedic Surgery
Thomas Jefferson University, Philadelphia, PA 2020-2022
Professor, Clinical Educator of Orthopaedic Surgery 2022- present
St. Louis University, St. Louis, MO

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HOSPITAL

Attending Pediatric Orthopaedic Surgeon
Schneider Children's Hospital/Long Island Jewish Hospital
New Hyde Park, NY 08/95 to 01/06
Jamaica Hospital Medical Center, Jamaica, NY 01/99 to 04/06 NYU Hospital
for Joint Diseases
and New York University Medical Center,
New York, NY 10/98 to 04/08
Bellevue Hospital, New York, NY 11/98 to 04/08 Brooklyn Hospital Center,
Brooklyn, NY 01/99 to 01/06 Shriners Hospital for Children, Philadelphia, PA
06/08 to 12/21 Shriners Hospital for Children, Erie, PA 07/08 to 07/19
Temple University Hospital, Philadelphia, PA 12/09 to present St. Christopher's
Hospital for Children, Philadelphia, PA 01/10 to 12/18 Hamot Medical Center,

Erie, PA 07/10 to 09/13 Thomas Jefferson University Hospital, Philadelphia, PA
02/19 to 10/22 SSM Health Cardinal Glennon Children's Hospital, St. Louis,
MO

11/22 to present

Primary Hospital Affiliations

Schneider Children's Hospital/Long Island Jewish Hospital

New Hyde Park, NY 08/95 to 09/98

NYU Hospital for Joint Diseases, New York, NY 10/98 to 04/08 Shriners

Hospital for Children, Philadelphia, PA 06/08 to 12/21 SSM Health Cardinal

Glennon Children's Hospital, St. Louis, MO

11/22 to present

PROFESSIONAL ACTIVITIES

Memberships in Professional Organizations (since)

American Academy of Orthopaedic Surgeons - Fellow 1999 Pediatric

Orthopaedic Society of North America - Fellow 2000 Limb Lengthening and

Reconstruction Society/ASAMI-NA – Fellow 2008 Scoliosis Research

Society – Fellow 2009

Medical Boards

Ponseti International Association for Clubfoot Treatment 2006 to present Global

Clubfoot Initiative Advisory Board 2007 to present Prader-Willi Syndrome

Association-USA

Clinical and Scientific Advisory Board 2008 to present

Arthrogryposis Multiplex Congenita Support, Inc

Medical Advisory Board; Board of Directors 2008 to present

International Prader-Willi Syndrome Organization

Clinical and Scientific Advisory Board 2016 to present

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Limb Lengthening and Reconstruction Society

Board of Directors, Member at Large 2017 to 2022

Treasurer 2022 to 2024

Charitable Organizations

A Leg To Stand On (www.ALTSO.org)

Board of Directors/Medical Director 2002 to present

Medical Missions

Buga, Colombia, S.A., Silver Service Children's Charity: April 2001, April 2002,
October 2003, April 2004, April 2005, April 2006, April 2007, October
2008, October 2009.

Ahmedabad, India, A Leg To Stand On: February 2003, February 2004, February 2006,

February 2008.

Port-au-Prince, Haiti, Healing Hands for Haiti Foundation: March 2007, November 2007. Lima, Peru, A Leg To Stand On: April 2010.

Journals

Journal of Pediatric Orthopaedics - reviewer

Clinical Orthopaedics and Related Research - reviewer

A "Top reviewer" - 2019

European Radiology - reviewer

Journal of Orthopaedic Research - reviewer

Developmental Medicine & Child Neurology - reviewer

Committee Assignments

Advocacy Committee, POSNA 2015-2020 Chair 2016-2019

Bylaws Committee, POSNA 2019-2023 Chair 2020-2022

Website Committee, SRS 2016-2020 Wellness Task Force, POSNA 2017-2019

Pediatrics Program Committee, AAOS 3/30/2020-3/10/2023

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Laboratory Research Experience

"Isolation and Purification of a Calcium-Binding Substance in *B. subtilis*, active in bacterial chemotaxis" basis of undergraduate thesis in Honors Biology, 6/84.

Visiting Research Assistant, biochemistry laboratory of Dr. G. Ordal, 6/84 - 8/85.

Scientific Presentations

1) van Bosse, Harold J. P. and Hutchinson, Mark A Anatomy of the Patellofemoral Groove, a Cadaveric Study@,

a) Podium presentation, AAOS Annual Meeting, San Francisco, California, February 1997, b) Podium presentation, NYU-Hospital for Joint Diseases Alumni Association Scientific Program, New York, NY, October 2000.

2) van Bosse, Harold J. P. AHJD Experience with Sonography in the Evaluation of the Clubfoot@, a) Podium presentation, Treatment for the Congenital Clubfoot, Hospital for Joint Diseases, New York, April 2001,

b) Podium presentation, NYU-Hospital for Joint Diseases Alumni Association

Scientific Program, New York, New York, October 2001.

- 3) van Bosse, Harold J. P., Wedge, John H., and Babyn, Paul A The True Anatomy of Dysplastic Hips: A Three Dimensional Computer Tomographic Study@ Podium presentation, POSNA Annual Meeting, Cancun, Mexico, May 2001.
- 4) Feldman, DS; Madan, SS; van Bosse, HJP; Thacker, M; Scher, DM A Computer Assisted Six-Axis Correction of Complex Congenital Deformity of the Lower Extremities@, Podium presentation, LLRS/ASAMI-NA Annual Meeting, Boston, MA, July 2003.
- 5) Feldman, DS; Scher, DM; Straight, JJ; van Bosse, HJP; Sala, DA; Lehman, WB A Interobserver and Intraobserver Reliability of Radiographic Evidence of Bone Healing at Osteotomy Sites@, Podium presentation, LLRS/ASAMI-NA Annual Meeting, Toronto, Ontario, July 2004.
- 6) van Bosse, Harold J. P., Patel, Raj, and Sala, Deborah A Minimalist Approach to Treating Wrist Torus Fractures@
 - a) Poster presentation, POSNA Annual Meeting, St. Louis, Missouri, May 2004, b) Podium presentation, NYU-Hospital for Joint Diseases Alumni Association Scientific Program, New York, NY, October 2005.
- 7) Feldman, DS; Spencer, DB; van Bosse, HJP A Deformity Correction with Lengthening and Epiphysiodesis as a Surgical Treatment for Recurrent Tibia Vara@ Podium presentation, LLRS/ASAMI-NA Annual Meeting, New York, NY, July 2005.
- 8) Feldman, DS; Spencer, DB; van Bosse, HJP A Location of the Fibular Head in Blount's Disease Correction@ Podium presentation, LLRS/ASAMI-NA Annual Meeting, New York, NY, July 2005.
- 9) van Bosse, HJP; Feldman, DS; Anavian, J; Sala, DA A Treatment of Severe Knee Flexion Contractures in Children with Arthrogryposis@
 - a) Poster presentation, POSNA Annual Meeting, Ottawa, Ontario, Canada, May 2005, b) Podium presentation, LLRS Annual Meeting, New York, NY, July 2005,
 - c) Podium presentation, NYU-Hospital for Joint Diseases Alumni Association Scientific Program, New York, NY, October 2005.
 - d) Poster presentation, AAOS Annual Meeting, Chicago, IL, March 2006.
 - e) Poster presentation, First International Symposium on Arthrogryposis, Birmingham, England, September 2007.
- 10) van Bosse, HJP; Henderson, ER; Feldman, DS; Schweitzer, ME; Egol, KA; Pettrone, S. A A Novel Method for Measuring Supracondylar Humerus Fracture Fragment Rotation@ Poster presentation, POSNA Annual Meeting, San Diego, CA, May 2006.

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- 11) Lehman, WB; van Bosse, HJP; Feldman, DS; Scher, DM; Sala, DA. A Analysis of 89 Patients with 136 Clubfeet Treated by the Ponseti Technique with a Two-Year Follow-Up@ E-Poster presentation, POSNA Annual Meeting, San Diego, CA, May 2006.
- 12) van Bosse, HJP; Goldberg, WL; Evans, TT; Buker, K. A Challenging Case Presentation; PFFD Case Study@ Podium presentation, ACPOC Annual Meeting, Atlanta, GA, April 2007. 13) van Bosse, HJP; Henderson, ER; Feldman, DS; Sala, DA; Lee, D; Rosenberg, Z. A The Effect of Pelvic Positioning on Acetabular Measurements, a CT Study@ E-Poster presentation, POSNA Annual Meeting, Hollywood, FL, May 2007.
- 14) van Bosse, HJP; Marangoz, S; Sala, D; Lehman, WB. A Correction of Arthrogryptic Clubfoot with a Modified Ponseti Technique@
 - a) Poster presentation, International Clubfoot Symposium, Coralville, IA, September 2007. b) Poster presentation, First International Symposium on Arthrogryposis, Birmingham, England, September 2007.

- c) Poster presentation, AAOS Annual Meeting, San Francisco, CA, March 2008. d) Podium presentation, POSNA Annual Meeting, Albuquerque, NM, May 2008. 15) van Bosse, HJP; Hershman, S; Feldman, DS; Chu, A. ASurgical Treatment of Spinal Deformities in Prader-Willi Syndrome@ Podium presentation, PWSAUSA Scientific Meeting, Milwaukee, WI, July 2008.
- 16) van Bosse, HJP; McManus, B; Heinemann, J; Bassel, J. A2007 PWSA Spine Deformity Survey: Results and Analysis@ Podium presentation, PWSAUSA Scientific Meeting, Milwaukee, WI, July 2008.
- 17) Chu, A; Labar, AS; Sala, DA; van Bosse, HJP; Lehman, W. "Progression of Idiopathic Clubfoot Correction Using the Ponseti Method" E-Poster presentation, POSNA Annual Meeting, Boston, MA, April 2009.
- 18) van Bosse, HJP. "A Treatment Algorithm for Arthrogryposis" Salter Society Meeting, Toronto, Ontario, Canada, October 2010.
- 19) van Bosse, HJP; Hershman, S; Feldman, DS; Chu, A. "Preventing Surgical Complications in Prader Willi Syndrome" E-Poster presentation, IMAST Annual Meeting, Copenhagen, Denmark, July 2011.
- 20) van Bosse, HJP. "Prevalence of Spinal Deformities in Prader-Willi Syndrome" E-Poster presentation, IMAST Annual Meeting, Copenhagen, Denmark, July 2011.
- 21) Hamdy, RC; Montpetit, K; Aiona, MD; van Bosse, HJP; MacKenzie, WG; Narayanan, UG; Raney, EM. "Botulinum Toxin Type A Injection in Alleviating Post-Operative Pain and Improving Quality of Life in Lower Extremity Limb Lengthening and Deformity Correction" Podium presentation, POSNA Annual Meeting, Toronto, Ontario, Canada, May 2013.
- 22) van Bosse, HJP. "Prevalence of Spinal Deformities in Prader-Willi Syndrome" Podium presentation, Poster presentation, 8th International Prader-Willi Syndrome Organization Conference, Cambridge, United Kingdom, July 2013.
- 23) van Bosse, HJP; Singla, A; Cahill, P. "The Role of Body Cast Application for Infantile Scoliosis Associated with Prader-Willi Syndrome"
- a) Poster presentation, 8th International Prader-Willi Syndrome Organization Conference, Cambridge, United Kingdom, July 2013.
- b) Podium presentation, POSNA Annual Meeting, Indianapolis, IN, April 2016. 24) van Bosse, HJP. "Preventing Surgical Complications in Prader-Willi Syndrome Scoliosis Surgery" Poster presentation, 8th International Prader-Willi Syndrome Organization Conference, Cambridge, United Kingdom, July 2013.
- 25) van Bosse, HJP. "My Approach to the Lower Limb and the Role of Casting in the Management of the Clubfoot" and "Hip Procedures to Increase the Potential for Walking" Second International Symposium on Arthrogryposis: Updates From Around the World, Saint Petersburg, Russia, September 2014.

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- 25) van Bosse, HJP; Cahill, PJ. "Self Expanding Devices for Scoliosis in Growing Children" Poster presentation, Prader-Willi Scientific Evening at Obesity Week, Boston, MA, November 2014. 26) van Bosse, HJP; Saldana, RE. "Reorientational Proximal Femoral Osteotomies for Arthrogrypotic Hip Contractures"
- a) Podium presentation, POSNA Annual Meeting, Atlanta, GA, May 2015.
- b) Podium presentation, ILLRS Congress, Miami, FL, November 2015.
- c) Podium presentation, AAOS Annual Meeting, Orlando, FL, March 2016.
- d) Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 27) van Bosse HJP, Negron Rubio, E; Saldana, RE. "Intertrochanteric Varus and Valgus Osteotomies Do Not Create Femoral Torsion"

- a) Podium presentation, ILLRS Congress, Miami, FL, November 2015.
- b) Podium presentation, LLRS Annual Meeting, Deer Valley, UT, July 2017.
- 28) van Bosse, HJP; Greenhill, D. "Does Open Reduction of Arthrogrypotic Hips Cause Stiffness?" a) Podium presentation, POSNA Annual Meeting, Indianapolis, IN, April 2016.
- b) Podium presentation, LLRS Annual Meeting, San Francisco, CA, July 2018.
- c) Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 29) van Bosse, HJP; Schwend, RM. "The Use of Opioid Narcotics for the Pediatric Orthopaedic Patient" Podium presentation, AAP-SOOr Annual Meeting, Chicago, IL, September 2017.
- 30) van Bosse, HJP. "Correction of Mild to Moderate Arthrogrypotic Knee Flexion Contractures with Guided Growth"
 - a) Podium presentation, LLRS Annual Meeting, San Francisco, CA, July 2018.
 - b) Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 31) van Bosse, HJP. "Treatment of Severe Knee Flexion Contractures in Patients with Arthrogryposis"
 - a) Podium presentation, LLRS Annual Meeting, San Francisco, CA, July 2018.
 - b) Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
 - c) e-poster, POSNA Annual Meeting, On-line, May 2020.
- 32) Nossov, SB, Gaughan, J, Sutliff, N, van Bosse, HJP. "Pirani Scores Better Demonstrate Clinical Change in Idiopathic and Non-idiopathic Clubfoot" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 33) van Bosse, HJP, San Juan, J, Samuel, SP. "Preliminary Report on a Method of Assessing Functional Hip Motion" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 34) Dahan-Oliel, N, Bedard, T, Darsaklis, V, Hall, JG, van Bosse, HJP, Hamdy, R. "Arthrogryposis Multiplex Congenita: A Multi-site Pilot Registry in Pediatrics" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 35) Nossov, SB, Sutliff, N, van Bosse, HJP. "Identifying Equinovarus Variant of Arthrogrypotic Clubfoot" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 36) Toll, BJ, van Bosse, HJP. "Serial Derotational Spinal Casting in Early Onset Scoliosis Secondary to Arthrogryposis Multiplex Congenita" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 37) Toll, BJ, Pahys, JM, Hwang, SW, Samdani, AF, van Bosse, HJP. "Magnetically Controlled Growing Rods in Scoliosis Secondary to Arthrogryposis Multiplex Congenita" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.

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- 38) van Bosse, HJP. "External Tibial Torsion Accompanying Arthrogrypotic Clubfoot Deformities" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 39) van Bosse, HJP. "The Power of the Wedge" Podium presentation, 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.
- 40) van Bosse, HJP, San Juan, J, Samuel, SP. "Preliminary Report on a Method of Assessing Functional Hip Motion."
 - a) Podium presentation, Shriners Hospital for Children State of Research Symposium: Muscle and Bone Health, Chicago, IL, March 2019

- b) Poster presentation, LLRS Annual Meeting, Boston MA, July 2019.
- 41) van Bosse, HJP. Correction of Mild to Moderate Arthrogryposis Knee Flexion Contractures with Guided Growth. Virtual podium presentation, POSNA Annual Meeting, May 2020. 42) van Bosse, HJP, Kanuparthi, SPV, Miravich, H. Tandem Use of a Single Magnetic Internal Lengthening Nail for Compound Femoral Lengthening. E-poster, LLRS Annual Meeting, On line, July 2020.
- 43) Dahan-Oliel N, van Bosse H, Aiona M, Giampietro P, James M, Darsaklis VB, Rauch F., Hamdy R. Pediatric Registry for Arthrogryposis: Unmasking the Clinical, Genomic and Machine Learning Potential. 74th Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Virtual, September 2020.
- 44) Dahan-Oliel N, Darsaklis V, Bedard B, Al-Habib A, Al-Habib R, Bardai G, Altiok H, Hyer L, James M, Pellet J, Raney E, van Bosse H, Giampietro P, Rauch F, Hamdy R and AMC registry team. A patient registry for children with arthrogryposis: Opportunities for partnership and growth. Poster presentation, European Academy of Childhood Disability (EACD), Virtual, May 2021.
- 45) van Bosse, HJP, Teytelbaum, D, Samuel, S, Bijanki, V, Silva, S. Does Open Reduction of Arthrogrypotic Hips Cause Stiffness?
- a) Podium presentation, EPOSNA Meeting (combined meeting of EPOS and POSNA), Washington D.C., May 2024.
- b) Podium presentation, 4th International Symposium on Arthrogryposis, Montreal, Quebec, September 2024.
- 46) van Bosse, HJP. Guided Growth of the Distal Femur for Knee Flexion Contractures. Podium presentation. 4th International Symposium on Arthrogryposis, Montreal, Quebec, September 2024.

Publications

- 1) Lugo, N; Becker, J; van Bosse, H; Campbell, W; Evans, B; Sagy, M. Lung Volume Histograms after Computed Tomography of the Chest with Three-Dimensional Imaging as a Method to Substantiate Successful Surgical Expansion of the Rib Cage in Achondroplasia. J. Pediatr Surg 33:733-736, 1998.
- 2) Lehman, WB; Modaideen, A; Madan, S; Scher, DM; van Bosse, HJ; Iannacone, M; Bazzi, JS; Feldman, DS. A Method for the Early Evaluation of the Ponseti (Iowa) Technique for the Treatment of Idiopathic Clubfoot. J. Pediatr Orthop, Part B, 12(2):133-40, 2003.
- 3) Feldman, DS; Madan, SS; Koval, KJ; van Bosse, HJ; Bazzi, J; Lehman, WB. Correction of Tibia Vara with Six-Axis Deformity Analysis and the Taylor Spatial Frame. J. Pediatr Orthop, Part A, 23(3):387-91, 2003.
- 4) Scher, DM; Feldman, DS; van Bosse, HJ; Sala, DA; Lehman, WB. Predicting the Need for Tenotomy in the Ponseti Method for Correction of Clubfeet. J. Pediatr Orthop, Part A, 24(4):349-52, 2004. 5) Thacker MM; Scher DM; Sala DA; van Bosse HJ; Feldman DS; Lehman WB. Use of the Foot Abduction Orthosis Following Ponseti Casts: Is It Essential? J Pediatr Orthop 25(2):225-8, 2005. 6) van Bosse, HJP; Patel, RJ; Thacker, M; Sala, DA. Minimalistic Approach to Treating Wrist Torus Fractures. J Pediatr Orthop, Part A, 25(4):495-500, 2005.

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- 7) Anand, A; Feldman, DS; Patel, RJ; Lehman, WB; van Bosse, HJ; Badra, MI; Sala, DA. Interobserver and Intraobserver Reliability of Radiographic Evidence of Bone Healing at Osteotomy Sites. J Pediatr Orthop, Part B 15(4):495-500, 2006.
- 8) Henderson, ER; Egol, KA; van Bosse, HJ; Schweitzer, ME; Pettrone, S; Feldman, DS. Calculation of Rotational Deformity in Pediatric Supracondylar Humerus Fractures. Skeletal Radiol 36(3):229-35, 2007.
- 9) Abdelgawad, AA; Lehman, WB; van Bosse, HJ; Scher, DM; Sala, DA. Treatment of Idiopathic

- Clubfoot Using the Ponseti Method: Minimum 2-Year Follow-up. J Pediatr Orthop, Part B, 16(2): 98-105, 2007.
- 10) Abdelgawad, AA; Rybak, LD; Sheth, M; Rabinowitz, SS; Jayaram, N; Sala, DA; van Bosse, HJP. Treatment of acute *salmonella* epiphyseal osteomyelitis using computed tomography-guided drainage in a child without sickle cell disease. J Pediatr Orthop, Part B, 16:415-418, 2007.
 - 11) van Bosse, HJP; Feldman, DS; Anavian, J; Sala, DA. Treatment of Severe Knee Flexion Contractures in Children with Arthrogryposis. J Pediatr Orthop, 27:930-937, 2007. 12) Henderson, ER; Feldman, DS; Lusk, C; van Bosse, HJ; Sala, D; Kummer, FJ. Conformational Instability of the Taylor Spatial Frame: A Case Report and Biomechanical Study. J Pediatr Orthop, 28:471-477, 2008.
 - 13) Gomez, JA; Matsumoto, H; Roye, DP; Vitale, MG; Hyman, JE; van Bosse, HJP; Marangoz, S; Sala, DA; Stein, MI; Feldman, DS. Articulated hip distraction, A treatment option for femoral head avascular necrosis in adolescence. J Pediatr Orthop, 29:163 - 169, 2009.
 - 14) van Bosse, HJ; Marangoz, S; Lehman, WB; Sala, DA. Correction of arthrogryptic clubfoot with a modified Ponseti technique. Clin Orthop Rel Res, 467(5):1283-93, 2009.
 - 15) Downs, J; Bergman, A; Carter, P; Anderson, A; Palmer, GM; Roye, D; van Bosse, H; Bebbington, A; Larsson, EL; Smith, BG; Baikie, G; Fyfe, S; Leonard, H. Guidelines for Management of Scoliosis in Rett Syndrome Patients Based on Expert Consensus and Clinical Evidence. Spine, 34: E607–E617, 2009.
 - 16) Caubet, J-F; Emans, JB; Smith, JT; vanBosse, H; Ramirez, N; Flynn, J; Vitale, M; Smith, M; St. Hilaire, T; Klinge, S. Increased Hemoglobin Levels in Patients With Early Onset Scoliosis: Prevalence and Effect of a Treatment With Vertical Expandable Prosthetic Titanium Rib (VEPTR). Spine, 34:2534–2536, 2009.
 - 17) Chu, A; Labar, AS; Sala, DA; van Bosse, HJP; Lehman, WB. Clubfoot Classification: Correlation With Ponseti Cast Treatment. J Pediatr Orthop, 30:695–699, 2010.
 - 18) van Bosse, HJP. Ponseti treatment for clubfeet: an international perspective. Curr Opin Pediatr 23:41–45, 2011.
 - 19) van Bosse, HJP; Lee, D; Henderson, ER; Sala, DA; Feldman, DS. Pelvic Positioning Creates Error in CT Acetabular Measurements. Clin Orthop Rel Res, 469:1683-1691, 2011.
 - 20) Chaudhry, S; Chu, A; Labar, AS; Sala, DA; van Bosse, HJP; Lehman, WB. Progression of idiopathic clubfoot correction using the Ponseti method. J Pediatr Orthop B 21:73–78, 2012. 21) Sala, DA; Chu, A; Lehman, WB; van Bosse, HJ. Achievement of gross motor milestones in children with idiopathic clubfoot treated with the Ponseti method. J Pediatr Orthop, 33:55-8, 2013. 22) van Bosse, HJP. Treatment of the Neglected and Relapsing Clubfoot. Clin Podiatr Med Surg, 30:513- 530, 2013.
 - 23) Astur, N; Flynn, JM; Flynn, JM; Ramizez, N; Glotzbecker, M; van Bosse, HJ; Hoashi, JS; d’Amato, CR; Kelly, DK; Warner, WC; Sawyer, JR. The Efficacy of Rib-based Distraction with VEPTR in the Treatment of Early-Onset Scoliosis in Patients With Arthrogryposis. J Pediatr Orthop 35:8- 13, 2014.
 - 24) van Bosse, HJP; Wedge, JH; Babyn, P. How Are Dysplastic Hips Different? A Three-Dimensional CT Study. Clin Orthop Relat Res 473:1712–1723, 2015.
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- 25) Hall, JG; Agranovich, A; Pontén, A; van Bosse, HJP. Summary of the 2nd International Symposium on Arthrogryposis, St. Petersburg, Russia, September 17-19, 2014. Am J Med Genet Part A 167:1993-1995, 2015.
 - 26) van Bosse, HJP. Syndromic Feet: Arthrogryposis and Myelomeningocele. Foot Ankle Clin N Am 20:619-644, 2015.

- 27) Hamdy, RC; Montpetit, K; Aiona, MD; MacKenzie, WG; van Bosse, HJP; Narayanan, U; Raney, EM; Chafetz, RS; Thomas, SES; Weir, S; Gregory, S; Yorgova, P; Takahashi, S; Rinaldi, M; Zhang, X; Dahan-Oliel, N. Safety and Efficacy of Botulinum Toxin A in Children Undergoing Lower Limb Lengthening and Deformity Correction: Results of a Double-blind, Multicenter, Randomized Controlled Trial. *J Pediatr Orthop* 36:48-55, 2016.
- 28) Chu, A, Ong, C., Henderson, ER, van Bosse, HJP, Feldman, DS. Distraction Osteogenesis of the Fibula to Correct Ankle Valgus in Multiple Hereditary Exostoses. *Bull Hosp Jt Dis* 74(4):249-53, 2016.
- 29) van Bosse, HJP; Saldana, RE. Reorientational Proximal Femoral Osteotomies for Arthrogrypotic Hip Contractures. *J Bone Joint Surg Am.* 99:55-64, 2017.
- 30) van Bosse, HJP. Reorientational Proximal Femoral Osteotomies for Correction of Hip Contractures in Children with Arthrogryposis. *JBJS Essent Surg Tech*, 7(2): e11, 2017.
<https://doi.org/10.2106/JBJS.ST.16.00086>
- 31) Lester, R; Hall, JG; Ponten, E; van Bosse, HJP. Background to the 2nd International Symposium on Arthrogryposis. *J Pediatr Orthop*, 37 Suppl 1: S2-3, 2017.
- 32) Hall, JG; Kimber, E; van Bosse, HJP. Genetics and Classifications (of Arthrogryposis). *J Pediatr Orthop*, 37 Suppl 1: S4-8, 2017.
- 33) van Bosse, HJP; Ponten, E; Wada, A; Agranovich, OE; Kowalczyk, B; Lebel, E; Senaran, H; Derevianko, DV; Vavilov, MA; Petrova, EV; Darsukov, DB; Batkin, SF; Eylon, S; Kenis, VM; Stepanova, YV; Buklaev, DS; Yilmaz, G; Kose, O; Trofimova, SI; Durgut, F. Treatment of the Lower Extremity Contracture/Deformities (in Arthrogryposis). *J Pediatr Orthop*, 37 Suppl 1: S16- 23, 2017.
- 34) Komolkin, I; Ulrich, EV; Agranovich, OE; van Bosse, HJP. Treatment of Scoliosis Associated with Arthrogryposis Multiplex Congenita. *J Pediatr Orthop*, 37 Suppl 1: S24-26, 2017.
- 35) Savenkov, AN; Pajardi, GE; Agranovich, OE; Zaboltskiy, D; van Bosse, HJP. Anaesthesiology for Children with Arthrogryposis. *J Pediatr Orthop*, 37 Suppl 1: S27-28, 2017.
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- of arthrogryposis multiplex congenita. *Am J Med Genet Part C*, 181C:288–299, 2019. <https://doi.org/10.1002/ajmg.c.31721>
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- 54) Lemin S, van Bosse HJP, Hutka L, Soberdash S, Patibandla J. Prenatal diagnosis (or lack thereof) of arthrogryposis multiplex congenita and its impact on the perinatal experience of parents: a retrospective survey. *Prenat Diagn*. 2024;1-9. <https://doi.org/10.1002/pd.6569>
- 55) Henstenburg J M, Sutliff N, Rompala A, Stutman A, Akhnoukh KM, van Bosse HJ, Nossov SB. (February 18, 2024) Multiple Serial Casting for Recurrent Clubfoot in Arthrogryposis Corrects Deformity With Diminishing Returns. *Cureus* 16(2): e54398. doi:10.7759/cureus.54398
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Book Chapters

- 1) van Bosse, HJP. AContractures of the Knee@ in Limb Lengthening and Reconstruction Surgery, Rozbruch, SR and Ilizarov, S, eds, pgs 345-355. New York: Informa Healthcare; 2007.
- 2) van Bosse, HJP. “Treatment of Soft-Tissue Contractures” in Management of Limb-Length Discrepancies, Hamdy, RC and McCarthy, JJ, eds, pgs 129-135. Rosemont: AAOS; 2011.

- 3) van Bosse, HJP. "Correction of Arthrogrypotic Clubfoot Deformities with the Ponseti Method of Serial Casting", "Correction of Severe Arthrogrypotic Knee Flexion Contractures", and "Journey of a Child Born with Severe Arthrogryposis and Lower Limb Deformities" in Limb Lengthening and Reconstruction Surgery Case Atlas, Rozbruch, SR and Hamdy, RC, eds, pgs 537-548, 571-577, and 595-600. New York: Springer; 2015.
- 4) van Bosse, HJP. "Proximal Femoral Reorientational Osteotomies for the Hip Deformities in Children with Arthrogryposis Multiplex Congenita" in Pediatric Pelvic and Proximal Femoral Osteotomies, Hamdy, RC and Saran, N, eds, pgs 235-243 New York: Springer; 2018.

Invited Speaker/Visiting Professorships

- 1) ALegg-Calve-Perthes Disease@ and ATreatment of Arthrogrypotic Knee Flexion Contractures@, invited lecturer, V.S. Hospital, Ahmedabad, India. February, 2004.
- 2) ANerve Injuries in Supracondylar Humerus Fractures@ invited lecturer, State University of Cali, Colombia. April, 2004.
- 3) AWhat Else May Run into Your Office Besides Clubfeet, and What Is New in Pediatric Orthopaedics@ The Mahendra Patel Oration, Gugarat Orthopaedic Association, Baroda, Gujarat State, India. February, 2006.
- 4) AThe Pediatric Foot: What I=ve Learned So Far@ 83rd Annual Indiana Podiatric Medical Association Convention, Indianapolis, IN. September 2008.
- 5) "Correctie van Arthrogrypotische Klompvoet met een Gewijzigde Techniek Ponseti" ("Correction of Arthrogrypotic Clubfeet with a Modified Ponseti Technique") and "Het Knie en Arthrogryposis" ("The Knee and Arthrogryposis"), VNS Spierziektendag, Diagnosewerkgroep AMC, Lunteren, The Netherlands, May 2009
- 6) "The Ponseti Technique and Arthrogryposis" and "Spreading the Word: Teaching the Ponseti Technique Worldwide" Treatment of the Congenital Clubfoot: The Ponseti Method, Iowa City, IA, October 2010.
- 7) "Correcting Deformities of Blount's Disease" and "Correcting Foot Deformities with the Ilizarov Frame" Sociedad Puertorriqueña de Ortopedia y Traumatologia (SPOT) 43rd Annual Meeting, Fajardo, Puerto Rico, October 2011.
- 8)"Treating Hip Conditions in Children with Arthrogryposis Multiplex Congenita" Mercer Rang Visiting Professor Programme Toronto, Hospital for Sick Children, Toronto, Ontario, Canada, June 2016. 9) "Spine Deformities - Conservative and Surgical Treatment in AMC" and "Surgical Treatment of Hip and Knee Arthrogryposis Deformities" International Interdisciplinary Conference: Comprehensive Arthrogryposis Treatment, Busko Zdrój, Poland, October 2016. 10)"Arthrogrypotic Foot Deformities in 3 Flavors", "Hips in Arthrogryposis, Making Them Less Scary", "Straight Talk About Arthrogryposis Knee Contractures" and "Curing Crooked, Scoliosis Treatment in Prader-Willi Syndrome" invited speaker 19th Annual Meeting of the Israel Pediatric Orthopaedic Society, Ein Gedi, Israel, March 2018.
- 11) "Treatment of Idiopathic Clubfoot and Arthrogrypotic Foot Deformities and Ponseti Clubfoot Casting Workshop", 4th Annual American College of Foot & Ankle Pediatrics International Pediatric Foot and Ankle Seminar, Jackson Hole WY, June 2018.
- 12) "Hips in Arthrogryposis, Making Them Less Scary" and "Arthrogrypotic Foot and Knee Topics", Minnesota Memorial Pediatric Orthopaedic Symposium, Minneapolis, MN, November 2018. 13) "Arthrogrypotic Clubfoot Deformities" and "Complex or Atypical Clubfoot Deformities" European Pediatric Orthopaedic Society 38th Annual Meeting Clubfoot Precourse, Tel Aviv, Israel, April 2019.

Grand Rounds and Seminars

1) ADevelopmental Dysplasia of the Hip@ Schneider Children=s Hospital Department of Pediatrics Continuing Medical Education, New Hyde Park, New York. September 1995.

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- 2) ADDH in the Newborn and Infant: Etiology, Diagnosis and Treatment@ Huntington Hospital Department of Pediatrics Lecture Series, Huntington, New York. October 1995.
- 3) AThe Lower Extremity in the Infant and Child@ Jamaica Hospital Department of Pediatrics Grand Rounds, Jamaica, New York. November 1995.
- 4) ADDH@, APerthes= Disease@, ASlipped Capital Femoral Epiphysis@ and APediatric Orthopaedic Surgical Emergencies@ Schneider Children=s Hospital Division of Pediatric Orthopaedic Surgery: Common Orthopaedic Problems in Children, New Hyde Park, New York. November 1995.
- 5) APediatric Orthopaedics for Primary Care Physicians@ 10th Annual Pediatric Seminar: A Pediatric Update, Catholic Medical Center of Brooklyn and Queens, Inc., Douglaston, New York. May, 1996.
- 6) ATopics in Pediatric Orthopaedics@, The 26th Annual Pediatric Review and Board Preparation Course, Schneider Children=s Hospital, New Hyde Park, New York. June, 1996.
- 7) AA Review of Pediatric Orthopaedics@ and APediatric Orthopaedic Surgical Emergencies@ The Osler Institute 28th Pediatric Board Review Course, Baltimore, Maryland. June, 1996.
- 8) AHip Problems in the Older Child and Adolescent@ and ACauses of Knee Pain in Children@ Schneider Children=s Hospital Division of Pediatric Orthopaedic Surgery: Common Orthopaedic Problems in Children, New Hyde Park, New York. November 1996.
- 9) AWhy Can=t Johnny Sit Up Straight?@ Pediatric Grand Rounds, Schneider Children=s Hospital, New Hyde Park, New York. February, 1997.
- 10) APain in the Hip@, APain in the Knee@ and APain in the Back@ The 26th Annual Pediatric Postgraduate Course: Pediatric Update 1997, Puerto Vallarta, Mexico. February, 1997.
- 11) APediatric Spinal Deformities@ Huntington Hospital Department of Pediatrics Lecture Series, Huntington, New York. March, 1997.
- 12) AThe Limping Child@ Pediatric Grand Rounds, St. Mary=s Hospital of Brooklyn, Brooklyn, New York. July, 1997.
- 13) APediatric Orthopaedics@ The Osler Institute 36th Pediatric Board Review Course, Newark, New Jersey. September, 1997.
- 14) AThe Treatment of Spinal Deformity@ and AThe Management of Bone Cysts@ Schneider Children=s Hospital Division of Pediatric Orthopaedic Surgery: Common Orthopaedic Problems in Children. New Hyde Park, New York, November, 1997.
- 15) ABack Pain in Children@ Pediatric Neurosurgery Grand Rounds, New Hyde Park. New York, May, 1998.
- 16) ATopics in Pediatric Orthopaedics@, The 28th Annual Pediatric Board and Review Course, Schneider Children=s Hospital, New Hyde Park, New York. June, 1998.
- 17) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Cherry Hill, New Jersey. June, 1998.
- 18) ACommon Orthopaedic Problems@ Schneider Children=s Hospital Department of Pediatrics Consultants-For-Lunch series. New Hyde Park, NY, October, 1998.
- 19) AOrthopaedic Management of Cerebral Palsy@ Cerebral Palsy: New Insights, New Interventions, New York, NY, November, 1998.
- 20) AHip Problems in the Older Child@, Schneider Children=s Hospital Division of Pediatric Orthopaedic Surgery: 12th Annual Common Orthopaedic Problems in Children. New Hyde Park, NY, November, 1998.
- 21) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Mount Laurel,

New Jersey. August, 1999.

- 22) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, New York, New York. August, 2000.
- 23) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Wheeling, Illinois. October, 2000.

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- 24) AThe Ins and Outs of Developmental Hip Dysplasia@, Pediatric Grand Rounds, Flushing Hospital Medical Center, Flushing, New York. November, 2000.
- 25) AEvaluation and Management of Scoliosis@ and ASplinting and Casting@, NYU=s 24th Annual Comprehensive Review of Selected Topics in the Care of Children and Youths. New York, NY, May 2001.
- 26) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Baltimore, MD. September, 2001.
- 27) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Philadelphia, PA. August, 2002.
- 28) ACurrent Philosophies in DDH@ Ahmadabad Orthopaedic Society, Ahmadabad, India. February, 2003.
- 29) APediatric Orthopaedics@ Jamaica Hospital Medical Center CME Program, Jamaica, NY. March, 2003.
- 30) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Philadelphia, PA. August, 2003.
- 31) ACurrent Philosophies in DDH@ Saint Vincent=s Hospital Dept. of Orthopaedics Grand Rounds. May, 2004.
- 32) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Philadelphia, PA. August, 2004.
- 33) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Naperville, IL. October, 2004.
- 34) AKyphosis, Three Flavors@, NYU-Hospital for Joint Diseases: Disorders of the Spine, New York, NY. October, 2004.
- 35) ASoft Tissue Contractures About the Knee: Treatment Options and Outcome@, LLRS Specialty Day, AAOS Annual Meeting, Washington, D.C. February, 2005.
- 36) APrader-Willi From the Orthopaedist's View-Point@ 2005 Winthrop University Hospital PWS Conference, Mineola, NY. March, 2005.
- 37) APediatric Orthopaedics@ The Osler Institute Pediatric Board Review Course, Philadelphia, PA. August, 2005.
- 38) AKyphosis, Three Flavors@, NYU-Hospital for Joint Diseases: Disorders of the Spine, New York, NY. September, 2005.
- 39) APediatric Orthopaedic Problems of the Lower Extremity@, St. Barnabas Hospital Dept. Of Pediatrics Grand Rounds, Bronx, NY. October 2005.
- 40) AOur Friend the External Fixator@, Hosp for Joint Diseases Dept. Of Nursing In-Service Lecture, New York, NY. November, 2005.
- 41) APrader-Willi From the Orthopaedist's View-Point@ 28th Annual Prader-Willi Syndrome Association (USA)/16th Annual Prader-Willi Alliance of New York Conference, Buffalo, NY. July, 2006.
- 42) APrader-Willi and Scoliosis@ HJD/NYU conference for the SRS International Travelling Fellowship Lecture Series, New York, NY. July, 2006.
- 43) APediatric Fracture Update: Elbow and Femur Fractures@ 29th Tristate Trauma Symposium,

New York, NY. October, 2006.

- 44) APediatric Orthopaedic Surgery@ Orthopaedic Health Network, Litchfield, CT. March, 2007.
- 45) AArthrogyposis and Orthopaedics@ 2nd Annual AMC Support Meeting, Arlington, TX. July 2007.
- 46) AThe Orthopaedics of Prader-Willi Syndrome@ 29th Annual Prader-Willi Syndrome Association (USA) National Conference, Dallas, TX. August 2007.
- 47) AUpdate on Pediatric Femur Fractures@ AAOS Top Orthopaedic Controversies, New York, NY. September 2007.
- 48) AArthrogyposis and Orthopaedics@ Orthopaedic Surgery Grand Rounds, A.I. duPont Childrens Hospital, Wilmington, DE. November 2007.

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- 49) AThe Orthopaedics of Prader-Willi Syndrome@ 30th Annual Prader-Willi Syndrome Association (USA) National Conference, Milwaukee, WI. July 2008.
- 50) AArthrogyposis and Orthopaedics@ 3rd Annual AMC Support Meeting, Columbus, OH. July 2008.
- 51) "Common Problems That Limp Into the Nurse's Office" Philadelphia School Nurse Staff Development Day, Philadelphia, PA. November, 2008.
- 52) "Clubfoot Management" Temple University Department of Orthopaedic Surgery Grand Rounds, Philadelphia, PA. March, 2009.
- 53) "Medical Report from the Philadelphia Shriners Hospital" Mid Atlantic Shrine Association Spring Meeting, Arlington, VA. April 2009.
- 54) "The Orthopaedics of Prader-Willi Syndrome" 19th Annual Prader-Willi Syndrome Alliance of NY Conference, Albany, NY. May 2009.
- 55) "Le Club Foot: Not Just a Fancy French Bar" Podiatry Grand Rounds, Temple University Hospital, Philadelphia, PA. July 2009.
- 56) "Orthopaedic Management of Children & Youth with Arthrogyposis" Hospital Grand Rounds, Shriners Hospital for Children, Philadelphia, PA. July, 2009.
- 57) "The AMC Foot: Walking Towards a Better Tomorrow" Multidisciplinary Medical Approach to the Management of Arthrogyposis, A.I. duPont Childrens Hospital, Wilmington, DE. July, 2009.
- 58) "Arthrogyposis and Orthopaedics" 4th Annual AMC Support Meeting, Philadelphia, PA. July 2009.
- 59) "Medical Report from the Philadelphia Shriners Hospital" Shrine Circus and Fund Raising Association Annual Meeting, Philadelphia, PA. November 2009.
- 60) "Scoliosis and Orthopedic Issues in PWS" 2nd Annual Professional Conference, Prader-Willi Alliance of New York, Albany, PA. April 2010.
- 61) "The Orthopaedics of Arthrogyposis" 5th Annual AMC Support Meeting, Orlando, FL. August 2010.
- 62) "Scoliosis and Orthopaedic Issues in PWS" Foundation for Prader-Willi Research 2010 Conference, Bethesda, MD. September, 2010.
- 63) "Deformity" and "Pediatric Syndromes and Potpourri" St. Christopher's Hospital Annual Pediatric Orthopaedic Review, Philadelphia, PA. September 2010.
- 64) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 31st Annual Prader-Willi Syndrome Association (USA) National Conference, Orlando, FL, November 2011.
- 65) "Clubfoot Associated with Neuromuscular Disorders: Clubfoot Associated with Neuromuscular Disorders" in Advanced Ponseti Course and Minimally Invasive Management of Vertical Talus Instructional Course Lecture, AAOS 2012 Annual Meeting, San Francisco, CA, February 2012.
- 66) "The Orthopaedics of Arthrogyposis" 7th Annual AMC Support Meeting, Indianapolis, IN, July 2012.
- 67) "The Ponseti Method in Arthrogyposis" and "How to Recognize and Clubfoot Treat Relapses" 22nd Annual Baltimore Limb Deformity Pre-Course, Baltimore, MD. August, 2012.
- 68) "Pediatric Syndromes and Potpourri" St. Christopher's Hospital Annual Pediatric Orthopaedic Review, Philadelphia, PA. September 2012.

- 69) "Casting for Scoliosis in Prader-Willi Syndrome" 26th Annual PWSA (USA) Scientific Meeting, Clinical Advisory Board, Baton Rouge, LA. October 2012.
- 70) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 2012 Foundation for Prader Willi Research Conference, Philadelphia, PA. November 2012.
- 71) "The Pediatric Foot: What I've Learned So Far, Part I" Podiatry Grand Rounds, Temple University Hospital, Philadelphia, PA. January, 2013.
- 72) "Clubfoot Associated with Neuromuscular Disorders: Clubfoot Associated with Neuromuscular Disorders" in Advanced Ponseti Course and Minimally Invasive Management of Vertical Talus Instructional Course Lecture, AAOS 2013 Annual Meeting, Chicago, IL, March 2013.
- 73) "Orthopaedic and Rehab Issues in PWS" 23th Annual Prader-Willi Syndrome Alliance of NY Conference, Syracuse, NY. April 2013.

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- 74) "The Pediatric Foot: What I've Learned So Far, Part I" Podiatry Grand Rounds, Temple University Hospital, Philadelphia, PA. May, 2013.
- 75) "The Orthopaedics of Arthrogryposis" 8th Annual AMC Support Meeting, Las Vegas, NV, July, 2013.
- 76) "Scoliosis and other Orthopaedic Issues in the Older PWS Child" and "Scoliosis and other Orthopaedic Issues in the Young PWS Child" 8th International Prader-Willi Syndrome Organisation Conference, Cambridge, United Kingdom. July 2013.
- 77) "The Atypical or Complex Clubfoot" and "How to Recognize and Clubfoot Treat Relapses" 23rd Annual Baltimore Limb Deformity Basic Ponseti Method Pre-Course, Baltimore, MD. August, 2013.
- 78) "Pediatric Syndromes and Potpourri" St. Christopher's Hospital Annual Pediatric Orthopaedic Review, Philadelphia, PA. October 2013.
- 79) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 32nd Annual Prader-Willi Syndrome Association (USA) National Conference, Orlando, FL, November 2013. 80) "Clubfoot Associated with Neuromuscular Disorders: Clubfoot Associated with Neuromuscular Disorders" in Advanced Ponseti Course and Minimally Invasive Management of Vertical Talus Instructional Course Lecture, AAOS 2014 Annual Meeting, New Orleans, LA, March 2014. 81) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 24th Annual Prader-Willi Syndrome Alliance of NY Conference, Syracuse, NY, May 2014.
- 82) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 6th Annual Foundation for Prader-Willi Research Canada National Conference, Toronto, Ontario, May 2014 (via Skype). 83) "The Orthopaedics of Arthrogryposis" 9th Annual AMC Support Meeting, Minneapolis, MN, July 2014.
- 84) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 6th Annual Foundation for Prader-Willi Research Canada Mini-Conference, Montreal, Quebec, October 2014 (via Skype). 85) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" Utah Prader-Willi Syndrome Association clinic and chapter meeting, Salt Lake City, UT, December, 2014.
- 86) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" Clinical Care Perspectives on Prader-Willi Syndrome, The Children's Institute, Pittsburgh, PA, May 2015.
- 87) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" Foundation for Prader-Willi Research Canada 7th Annual Conference, Calgary, Alberta, Canada, May 2015 (via Skype). 88) "Arthrogryposis 101" and "The Spine in Arthrogryposis Multiplex Congenita", 10th Annual Arthrogryposis Multiplex Congenita Support Conference, Jacksonville, FL, July 2015. 89) "Guiding Curved Legs to Straight in Multiple Hereditary Exostoses" ILLRS Congress, Miami, FL, November 2015.
- 90) "Deformity Analysis and Correction or Bone Crooked, We Make Straight" Temple University Hospital Orthopaedic Grand Rounds, Philadelphia, PA, January 2016.

- 91) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 26th Annual Prader-Willi Syndrome Alliance of NY Conference, Albany, NY, May 2016.
- 92) "AMC 101 or Everything I Know About Arthrogryposis in About 15 Minutes" The Stakeholders Partnering for Arthrogryposis Research: Client-Centered Care Network (SPARC-Network) meeting, Shriners Hospital for Children, Montreal, Quebec, May 2016.
- 93) "Arthrogryposis 101" and "The Spine in Arthrogryposis Multiplex Congenita", 11th Annual Arthrogryposis Multiplex Congenita Support Conference, Tulsa, OK, July 2016.
- 94) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 9th International Prader-Willi Syndrome Organization/Foundation for Prader-Willi Research, Toronto, Ontario, Canada, July 2016.
- 95) "The Use of Opioid Narcotics for the Pediatric Orthopaedic Patient" FDA Anesthetic and Analgesic Drug Products Advisory Committee (AADPAC), Drug Safety and Risk Management Advisory Committee (DSaRM) and Pediatric Advisory Committee Joint Meeting, Silver Spring, MD, September 2016.

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- 96) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" Prader-Willi California Foundation Annual Conference, Sacramento, CA, November 2016.
- 97) "An Algorithm for Treating the Arthrogrypotic Hip" POSNA Specialty Day, AAOS Annual Meeting, San Diego, CA, March 2017.
- 98) "Physical Exam of the Newborn", "I Can't Stand It: Pediatric Foot and Toes" and "Common Problems that Can Limp into Your Office" Essentials of Pediatric Orthopaedics, Shriners Hospital for Children, Philadelphia, PA, May 2017.
- 99) "The Orthopaedics of Prader-Willi Syndrome" Prader-Willi Family Day, St. Joseph's Children's Hospital, Paterson, NJ, May 2017.
- 100) "Arthrogryposis 101, Part 1 & 2", 12th Annual Arthrogryposis Multiplex Congenita Support Conference, Las Vegas, NV, July 2017.
- 101) "The Orthopaedics of Prader-Willi Syndrome" 2017 Foundation for Prader-Willi Research Annual Conference, Indianapolis, IN, August 2017.
- 102) "Feet and Hips" in "Developing a Multicenter Interdisciplinary Approach to Limb Deformities Management in Children with Arthrogryposis Multiplex Congenita" symposium, 3rd World Ortho ReCon - ILLRS&ASAMI Congress, Lisbon, Portugal, September 2017.
- 103) "Scoliosis and Hip Dysplasia Associated with Prader-Willi Syndrome", PWSA-USA Clinical Advisory Board meeting, Orlando 2017.
- 104) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 34th Annual Prader-Willi Syndrome Association (USA) National Conference, Orlando, FL, November 2017.
- 105) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 28th Annual Prader-Willi Syndrome Alliance of NY Conference, Binghamton, NY, April 2018.
- 106) "The Orthopaedics of Arthrogryposis", 13th Annual Arthrogryposis Multiplex Congenita Support Conference, Columbus, OH, July 2018.
- 107) "The Biology of the Growth Plate", "Implant Usage for Angular Deformity and Limb Length Deficiency: Current Landscape and Unmet Needs", "Rare Disease Implant Needs: Arthrogryposis", and "Rare Disease Implant Needs: Prader-Willi Syndrome" Innovative Pediatric Orthopedic Devices - Clinical and Regulatory Factors Important to Consider Regarding Innovative Spinal Devices Used to Treat Pediatric Patients with Scoliosis and Other Spinal Deformities. The Children's Hospital of Philadelphia, Philadelphia, PA, August 2018.
- 108) "Is Talectomy Still a Valuable Option for Arthrogrypotic Clubfoot or Is it Out of Use?" and "Severe Knee Flexion Contractures: Soft Tissue Releases? Osteotomies? Frames? How do I do it?" 3rd International Symposium on Arthrogryposis, Philadelphia, PA, September 2018.

- 109) "Le Clubfoot; Not Just a Fancy French Bar" Cooper Health System's Orthopaedic Grand Rounds, Camden, NJ, November 2018.
- 110) "Get It Going and Growing: Orthopaedic and Rehab Issues in PWS" 29th Annual Prader-Willi Syndrome Alliance of NY Conference, Binghamton, NY, May 2019.
- 111) "The Orthopaedics of Arthrogryposis" and "The Spine in Arthrogryposis Multiplex Congenita" 14th Annual Arthrogryposis Multiplex Congenita Support Conference, Norfolk, VA, July 2019.
- 112) "Ponseti Method in Arthrogryposis and Spina Bifida" and "Complex or Atypical Clubfoot Deformities" Ponseti @ 20, 29th Annual Baltimore Limb Deformity Pre-Course, Baltimore, MD, August 2019.
- 113) "Growth Plate Biomechanics and Basic Science" 6th Annual Pediatric Orthopaedic FDA Course Children's Hospital of Philadelphia, Philadelphia, PA September, 2019.
- 114) "Orthopaedics: Getting Something Straight - Musculo-Skeletal Topics in Prader-Willi Syndrome", PWSA (USA) Medical & Scientific Conference; and "Muscle, Bone, Balance and Tone; Orthopaedic and Rehab Issues in PWS", PWSA (USA) 2019 General Conference, Orlando, FL, October, 2019.

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- 115) "The Orthopaedics of Prader-Willi Syndrome" 10th International Prader-Willi Syndrome Organization Scientific Conference; and "Orthopaedic Issues in PWS" parents and caretakers conference, Havana, Cuba, November, 2019.
- 116) "The Orthopaedics of Arthrogryposis" 15th Annual Arthrogryposis Multiplex Congenita Support Conference, On-line, July 2020.
- 117) "Hips in Arthrogryposis: Making Them Less Scary" and "Straight Talk About Arthrogrypotic Knee Contractures" Paediatric Orthopaedic Society of India, Live webinar series, July 2020.
- 118) "Orthopaedic Challenges in Prader-Willi Syndrome" FPWR 2020 Virtual Family Conference, October 2020.
- 119) "Management of Non-Idiopathic Congenital Vertical Talus" Paediatric Orthopaedic Society of India Annual Conference (POSICON) 2021, On-line, January 2021.
- 120) "Arthrogryposis Multiplex Congenita - Observations on a Journey" Shriners Hospital for Children Grand Rounds, On-line, May 2021.
- 121) "Reorientational Proximal Femoral Osteotomies for Arthrogrypotic Hip Contractures" Pediatric Orthopaedic Society of India - Wadia Hospital Online Journal Club, On-line, June 2021.
- 122) "AMC 101: The Orthopaedics of Arthrogryposis" and "Let's Get This Straight! AMC and Scoliosis" 16th Annual Arthrogryposis Multiplex Congenita Support Conference, On-line, July 2021.
- 123) "Regenerate Stimulation Techniques" 31st Annual Baltimore Limb Deformity Course, Baltimore MD, August 2021.
- 124) "The Orthopedics of Prader-Willi Syndrome" PWSAUSA 36th National (Virtual) Convention, June 2021.
- 125) "Orthopaedic Challenges in Prader-Willi Syndrome" Prader-Willi Association of New York, Binghamton NY, May 2022.
- 126) "AMC 101: The Orthopaedics of Arthrogryposis; Observations on a Journey" and "Let's Get this Straight! AMC and Scoliosis" 17th Annual AMC Support conference, Orlando FL, July 2022. 127) "Orthopaedics and PWS: What Should Be Monitored and Typical Treatments" International Prader Willi Syndrome Organization 11th International Conference, Limerick Ireland, July 2022. 128) "Workshop: Orthopaedic Challenges in PWS and Therapeutic Solutions - Part 1: Orthopaedic Challenges in PWS"

- and “Learning About the Orthopaedics of Schaaf-Yang Syndrome Together” Foundation for Prader-Willi Research Annual Conference, Chicago IL, October 2022. 129) “A Quick Primer on Arthrogryposis” Pediatric Grand Rounds, Cardinal Glennon Children’s Hospital, St. Louis, MO, January 2023
- 130) “Pathologic Bone in Children” and “Controversies in the Treatment of the Lower Extremities in Patients with Arthrogryposis” Controversies in Pediatric Limb Reconstruction, Dallas TX, February 2023.
- 131) “Orthopaedics Issues and PWS” 37th Prader-Willi Syndrome Association (USA) National Conference, Orlando, FL, June 2023.
- 132) “AMC 101: The Orthopaedics of AMC, Observations on a Journey” and “Let’s Get This Straight! AMC and Scoliosis” 18th Annual AMC Support conference, Orlando FL, July 2023. 133) “Regenerate Management” 32nd LLRS Annual Meeting, Pre-Course “Staying Out of Trouble”, Lake Tahoe, CA July 2023.
- 134) “What Limbs into the Emergency Room” Glennon Care Lunch and Learn series, St. Louis, MO May 2024.
- 135) “A Primer on the Orthopaedics of Arthrogryposis” AMC and Me Mini Meet-up, St. Louis, May 2024.
- 136) “AMC 101: The Orthopaedics of AMC” and “Let’s Get This Straight! AMC and Scoliosis” 19th Annual AMC Support conference, Atlanta GA, July 2024.
- 137) “What is the Magic Recipe to Prevent Recurrence of Contractures in AMC?”, “Management of Recurrent and Neglected Foot Deformities in AMC” 4th International Symposium on Arthrogryposis, Montreal, Quebec, September 2024.

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Other Media

- 1) Cahill, PJ, Pahys, JM, van Bosse, HJP, Samdani, A. Placement of Bilateral Magnetically Activated Growing Rods. Video presentation AAOS Annual Meeting, Las Vegas, 2015. Award for best video.

Other Publishing

- 1) Editor, Journal of Pediatric Orthopaedics supplemental edition on Arthrogryposis. J Pediatr Orthop, 37 Suppl 1, July/August, 2017.

Educational Programming

- 1) van Bosse, HJP. “Arthrogryposis Multiplex Congenita” for AAOS Resident Orthopaedic Core Knowledge. February 2022.

Webinars

- 1) van Bosse, H program chair; Jones, K; Ring, D; Mahan, S; Cooper, A; Cho, R; Raney, E. “Opioids and Children”, POSNA, April 2018.

Organizing Role in Scientific Meeting

- 1) Opioid Epidemic in 2018: Strategies for Pediatric Orthopaedic Patients Symposium, Chairman, POSNA Annual Meeting, Austin, TX, May 10, 2018.
- 2) 3rd International Symposium on Arthrogryposis, Chairman, Philadelphia, PA, September 24-26, 2018.

Research Funding

- 1) Dahan-Oliel, N; Darsaklis, V; Hall, J; Sawatzky, B; Bédard, T; Spiegel, M; Rousseau, P; van Bosse, H; Hamdy, R. Stakeholders Partnering for Arthrogryposis Research: Client-Centered Care Network (SPARC-Network). Canadian Institutes of Health Research (CIHR) Planning and Dissemination Grants- Institute/Initiative Community Support. Funded: \$10,000 (November 2015-November 2016)
- 2) Dahan-Oliel, N; Bédard, T; van Bosse, H; Hamdy, R. Registry for Arthrogryposis Multiplex Congenita. Shriners Hospitals for Children, Multi-center project: (2-year developmental

- grant funded). Funded: \$116,615.00 (January 2017-December 2018)
- 3) van Bosse, HJP, Gantz, MG, Ong, KL, Cox, JB. Comparison of hip and knee arthroplasty rates of individuals with and without Prader-Willi Syndrome. Foundation for Prader-Willi Research. Funded: \$5000 (March 2017-June 2018).
 - 4) Dahan-Oliel, N; Hamdy, R; Rauch, F; Bedard, T; James, M; Aiona, M; vanBosse, H; Giampietro, P. Registry for Arthrogryposis : Epidemiology, Etiology, Intervention and Genomics. Shriners Hospitals for Children, Multicenter Project. Funded \$880,761.00 (January 2019 - December 2022).
 - 5) Denham, M; van Bosse, H; Foster, A; Mitchell, R; Zutty, J; Samuel, S; Zardus, J. Development of a 3D Graphical Representation Scale for Assessing Hip Functional Range of Motion (F-ROM). Shriners Hospitals for Children (SHC)-Georgia Technology (GT) Seed Grant. Funded \$50,000 (January 2021 - December 2021).
 - 6) Dahan-Oliel, N; Pan, A; Aluru, S; Hamdy, R; Bardai, G; Rauch, F; James, M; Freese, K; van Bosse, H. Platform Architecture and Machine Learning for Arthrogryposis. Shriners Hospitals for Children (SHC)-Georgia Technology (GT) Seed Grant. Funded \$150,000 (January 2021 - December 2022).
 - 7) van Bosse, H; Butler, M; Miller, J; Driscoll, D; Angulo, M. Adult Spine Alignment in Prader-Willi Syndrome. Foundation for Prader-Willi Research. Funded: \$71,820 (March 2021-February 2022).