

Dr. Nicolaas C. Budhiparama, Jr.

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Education

Orthopaedic Surgery – University Hospital, Leiden (The Netherlands)

Fellowships

- Stanford Fellowship for Arthroplasty, San Francisco (USA) under Prof. Malloney and Prof. Mow
- Cotrel Fellowship, Paris (France), under Prof. Dubousset and Dr. Chopin
- AFOR Fellowship, Germany and Switzerland, under Prof. Mittelmeier and Prof. Trentz
- St. Vincent's Hospital, Melbourne (Australia), under Prof. Peter F. Choong
- Harvard Medical School, Boston, (USA) under Prof. Richard Scott and Prof. Thomas S. Thornhill
- Lennox Hill Hospital, New York (USA), under Prof. Chitranjan. S. Ranawat
- Colorado Joint Replacement, Denver (USA), under Prof. Douglas A. Dennis

Current Positions

- Founder & Chairman of Nicolaas Institute of Constructive Orthopaedic Research & Education Foundation for Arthroplasty & Sports Medicine
- 1 of 18 Founding Godfathers of ISAKOS Global Connection Campaign
- Declarator of Beijing Declaration at International Presidents' Forum to establish a World Orthopaedic Alliance (WOA)
- Founding Chairman and Past President of IHKS (Indonesian Hip and Knee Society)
- Founding Chairman and Past President of AAA (ASEAN Arthroplasty Association)
- Past President of PEROSI (Indonesian Osteoporosis Association) 2017
- President Elect for APKS (Asia Pacific Knee Society) 2019
- President Elect for APAS (Asia Pacific Arthroplasty Society) 2019
- Chairman of Infection Section of APOA (Asia Pacific Orthopaedic Association)
- Board of Directors for ISAKOS (International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine)
- Co-Chairman of Development Committee; Board of Program Committee and Board of Knee: Arthroplasty Committee for ISAKOS (International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine)
- Board of Committee of APKS (Asia Pacific Knee Society)
- Board of Committee of APAS (Asia Pacific Arthroplasty Society)
- Country Representative for APHS (Asia Pacific Hip Society)
- Expert Council for IOA (Indonesian Orthopaedic Association)
- Expert Council for PRSI (Indonesian Swimming Federation)
- Board of Congress Program Committee for APKASS (Asia Pacific Knee, Arthroscopy & Sports Medicine Society)

- Board of Committee of EFORT Asia (European Federation of National Associations of Orthopaedic and Traumatology)
- Global Chair for ICJR (International Congress for Joint Reconstruction)
- Committee member of ICHOM (International Consortium for Health Outcomes Measurement)
 Hip & Knee Osteoarthritis Working Group developed at Harvard Business School
- Regional representative at International Periprosthetic Joint Infection Consensus Meeting 2018
- Honorable advisor for ASSA (ASEAN Society for Sports Medicine & Arthroscopy)
- Scientific Committee Director of Arthroplasty Society in Asia (ASIA)
- Head of Department of Orthopaedic Surgery at Medistra Hospital, Jakarta Indonesia

Academic Posts

- Assoc. Professor at Department of Orthopaedic at Leiden University Medical Center, The Netherlands
- Visiting Professor at Medical School of Chinese People's Liberation Army Hospital, Beijing China
- Faculty for ICJR (International Congress for Joint Reconstruction)
- Global Faculty for AO Reconstruction
- Faculty for School of Medicine of University of Pelita Harapan, Jakarta Indonesia
- Faculty for School of Medicine of University of Gajah Mada, Jogjakarta Indonesia
- Chairman of Committee for Foreign Affairs for Indonesian Collegium of Orthopaedic & Traumatology
- Committee Member for Accreditation & Quality Assurance for Indonesian Collegium of Orthopaedic & Traumatology
- Chairman / PIC for Collaboration between Indonesia Collegium of Orthopaedic & Traumatology and Australian Orthopaedic Association
- Examiner for Indonesian National Orthopaedic Board Exams for Indonesian Collegium of Orthopaedic & Traumatology

Editorial Posts

- Associate editor for AJO (The American Journal of Orthopedics)
- Editorial Board Representative for OJSM (Orthopaedic Journal of Sports Medicine) open access
 journal by AOSSM (American Orthopaedic Society for Sports Medicine)
- Editorial Board for CIOS (Clinics In Orthopaedic Surgery) official journal for KOA (Korean Orthopaedic Association)
- Corresponding Editor for JOS (Journal for Orthopaedic Surgery) official publication for APOA (Asia Pacific Orthopaedic Association)
- Editorial Board for Arthropaedia
- Reviewer for JOA (Journal of Arthroplasty)
- Reviewer for KSSTA (Knee Surgery, Sports Traumatology & Arthroscopy) official journal for ESSKA (European Society of Sports Traumatology Knee Surgery and Arthroscopy)
- Reviewer for JISAKOS (Journal of ISAKOS)
- Reviewer for The Knee Journal
- Member of ASBMR (American Society of Bone Mineral & Research) International Task Force to address "Systems Approaches to Osteoporotic Fracture Secondary Prevention"
- Editor of ASEAN Arthroplasty Association (AAA) Comprehensive Hip & Knee Textbook 1st Edition

Memberships

- E.K.S. (European Knee Society) one of 67 Full Members in 2015
- A.A.H.K.S. (American Association of Hip and Knee Surgeons) one of 23 International Members in 2005
- I.S.A.K.O.S. (International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine)
- A.A.O.S. (American Academy of Orthopaedic Surgeons) since 1997
- E.S.S.K.A. (European Society for Sports Traumatology, Knee Surgery and Arthroscopy)
- N.O.V. (Nederlandse Orthopaedie Vereniging) Full Member
- A.O.A. (Australian Orthopaedic Association) International Affiliate Member
- F.F.N. (Fragility Fracture Network)
- P.A.B.O.I. (Indonesian Association of Orthopaedic Surgeons) Full Member
- I.H.K.S. (Indonesian Hip and Knee Society)
- A.A.A. (ASEAN Arthroplasty Association)
- P.E.R.O.S.I. (Indonesian Osteoporosis Association)
- A.P.O.A. (Asia Pacific Orthopaedic Association)
- A.P.K.S. (Asia Pacific Knee Society)
- A.P.A.S. (Asia Pacific Arthroplasty Society)
- A.P.K.A.S.S. (Asia Pacific Knee, Arthroscopy & Sports Medicine Society)
- W.A.I.O.T. (World Association against Infection in Orthopaedics and Traumatology)

Publications

- 1. Primary malignant bone tumors of the pelvis. (Budhiparama, N.C.; and Taminiau, A.H.M.) Acta Orthop. Scand. 1994
- 2. Preoperative and postoperative MRI of the Shoulder: A Correlation with Neer Acromionplasty. (Budhiparama, N.C.; Sakkers, R.J.B; Bloem, J.L.; Rozing, P.M.) Radiology 1995
- 3. Limb Salvage as a New Trend in Treating Bone Tumors in Indonesia. (Budhiparama, N.C.; Muthalib, A.) Journal of The Indonesian Orthopaedic Association 1998
- 4. Orthopaedic Practice in Indonesia. Australian Orthopaedic Association Bulletin, (Budhiparama, N.C.; Novito, Kiki; Saleh, Ifran) December 2009
- 5. Making the First Fracture the Last Fracture ASBMR Task Force Report on Secondary Fracture Prevention. J Bone Miner Res, October 2012
- 6. The Management of Severe Varus Knee Deformity in Total Knee Arthroplasty by Downsizing-Lateralizing The Tibial Component and Resection of Uncapped Proximal Medial Bone: Serial of Cases Report (Besinga, K.E.M.; Novito K.; Budhiparama, N.C.) Journal of The Indonesian Orthopaedic Association 2013
- 7. Developing Core Sets For Patients With Obstetric Brachial Plexus Injury Based On The International Classification Of Functioning, Disability And Health (Duijnisveld, B. J.; Sarac, C.; Malessy, M. J. A.; The ICF Brachial Plexus Advisory Board; Vliet Vlieland, T. P. M.; Nelissen, R. G. H. H.) Bone & Joint Research 2013; 2:116-121, June 2013
- 8. The Patella in Total Knee Arthroplasty. AAA Comprehensive Hip & Knee Textbook 1st ed., August 2013 (Budhiparama, N.C.)
- 9. Effective Methods to Prevent Hip Dislocations. AAA Comprehensive Hip & Knee Textbook 1st ed., August 2013 (Budhiparama, N.C.; Sivananthan, SS.)
- 10. Effect of Ethanolic Extract of Cinnamon of Mineral Elements and Mesostructure of Osteoporosis Rats (P221) (Noor, Z,; Kania, N.; Setiawan, B.; Budhiparama, N.C) Osteoporosis International with Other Metabolic Bone Diseases, Vol. 24 Supp 4 December 2013, Page: S603-S604 (IOF Hong Kong, 12-15 December 2013
- 11. Tibia Mineral Element and Mesostructure at Different Time Course of Ovariectomized Rats (P301) (Noor, Z,; Kania, N.; Setiawan, B.; Budhiparama, N.C) Osteoporosis International with Other Metabolic Bone Diseases, Vol. 24 Supp 4 December 2013, Page: S643-S644 (IOF Hong Kong, 12-15 December 2013
- 12. Combined Inhalation of Cigarette Smoke and Low and High Dose of Coal Dust Particulate Matter 10 (PM10) on Bone Histology and Mineral Elements in Rats (P292) (Noor, Z,; Kania, N.; Setiawan, B.; Budhiparama, N.C) Osteoporosis International with Other Metabolic Bone Diseases, Vol. 24 Supp 4 December 2013, Page: S369 (IOF Hong Kong, 12-15 December 2013
- 13. The Effects of Combined Particulate Matter 10 Coal Dust Exposure and High Cholesterol Diet on Femur Mineral Elements in Rats)P302) (Noor, Z,; Kania, N.; Setiawan, B.; Budhiparama, N.C) Osteoporosis International with Other Metabolic Bone Diseases, Vol. 24 Supp 4 December 2013, Page: S644 (IOF Hong Kong, 12-15 December 2013)
- **14.** Quality of life following Total Knee Replacement in 3 distinct patient populations (Budhiparama, N.C.; Sivananthan, S.S.; Mow, C.S.; Keurentjes, J.C.; Nelissen, R.G.H.H.) submitted to AAOS 2015 Annual Meeting
- 15. VTE Prophylaxis for Hip and Knee Arthroplasty: Changing Trends (Budhiparama, N.C.; Abdel, M.P.; Ifran N.N.; Parratte, S) Journal of Current Review in Musculoskeletal Medicine, March 2014, DOI: 10.1007/s12178-014-9207-1

- 16. The Patella in Total Knee Arthroplasty: To Resurface or Not is the Question (Abdel, M.P.; Parratte, S; Budhiparama, N.C.) –Journal of Current Review in Musculoskeletal Medicine, March 2014, DOI: 10.1007/s12178-014-9212-4
- 17. Cinnamomum burmanini Blume increase bone turn over marker and induces tibia's granule formation in ovariectomized rats: in silico and in vivo study (Noor, Z.; Akbar, I.; Kania, N.; Widowati, W.; Dewi, F.R.; Christianto. A.; Setiawan, B.; Budhiparama, N.C.) submitted to Phytomedicine, January 2015
- 18. The Mayo Clinic Department of Orthopaedic Surgery: an international foundation (Abdel, M.P.; Morrey, M.E.; Parratte, S.; Budhiparama, N.C.; Morrey, B.F.) accepted by European journal of orthopaedic surgery & traumatology, January 2015, DOI: 10.1007/s00590-015- 1592-7
- 19. Revision total knee arthroplasty: the end of the allograft era? (Parratte, S; Abdel, M.P.; Lunebourg, A.; Budhiparama, N.C.; Lewallen, D.G.; Hanssen, A.D.; Argenson, J.N.) accepted by European journal of orthopaedic surgery & traumatology, March 2015, DOI: 10.1007/s00590-015-1615-4
- 20. The Patella In Total Knee Arthroplasty: Do We Need To Resurface Or Not? (Abdel, M.P.; Parratte, S.; Budhiparama, N.C.) Bone Joint J, Jan 2016, 98-b (supp 1) 60
- 21. CAS: Dreams Or Facts? The Value Of Daily Work In TKR. (Budhiparama, N.C.; Mow, C. S.; Nelissen, R.G.H.H.) Bone Joint J, Jan 2016, 98-B (SUPP 1) 61
- 22. Defining an International Standard Set of Outcome Measures for Patients with Hip or Knee Osteoarthritis by ICHOM Task Force, accepted by Arthritis Care & Research, January 2016
- 23. Effects of Labisia pumila on bone turnover markers and OPG/RANKL system in a rat model of post-menopausal osteoporosis (Nurdiana; Mariati N; Noorhamdani; Setiawan, B; Budhiparama, N; Noor, Z), submitted to Bone Reports & Redox Biology, May 2016
- 24. A Comparison of Clinical and Patient Recorded Outcomes of TKR in Indonesian versus American Patients (Budhiparama, NC; Gaudiani M; White P; Novito K; Lee L; Ranawat A; Ranawat CS), submitted to 2016 Combined EKS & AKS Closed Meeting; AAOS 2017 Meeting; AAHKS 2016 Meeting; ISTA 2016, May 2016
- 25. Selective Patellar Resurfacing With or Without Denervation as the Ultimate Answer? Current Concepts (Cameron-Donaldson, M; Ifran, NN; Budhiparama, NC) JISAKOS 2016;0:1–5. December 2016; doi:10.1136/jisakos-2016-000095
- 26. Cinnamomum Burmanini Blume Increases Bone Turnover Marker And Induces Tibia's Granule Formation In Ovariectomized Rats (Kania, N; Widowati, W; Dewi, FRP; Christianto, A; Setiawan, B; Budhiparama, NC; Noor, Z) Journal of Ayurveda and Integrative Medicine, 9 January 2017; doi: 10.1016/j.jaim.2017.01.005
- 27. Extensor Mechanism Rupture (Budhiparama, NC; Ifran, NN; Bonin M; Lustig S; Parratte S) chapter in textbook "Soft Tissue Balancing in Total Knee Arthroplasty" 1st ed. (Editors: Matsuda, S; Lustig, S; van der Merwe, W), Published by Springer-Verlag Berlin Heidelberg; May 2017; DOI: 10.1007/978-3-662-54082-4; ISBN: 978-3-662-54082-4
- 28. Unicompartmental Knee Arthroplasty for Anterior Cruciate Ligament Deficient Knees: State of The Art (Adravanti, P; Budhiparama, NC; Berend, K; Thienpont, E) JISAKOS, June 2017;
 DOI: 10.1136/jisakos-2016-000066
- 29. Early Graft Tunnel Healing After Anterior Cruciate Ligament Reconstruction with Intratunnel Injection of Bone Marrow Mesenchymal Stem Cells and Vascular Endothelial Growth Factor (Setiawati, R; Utomo, DN; Rantam, FA; Ifran, NN; Budhiparama, NC) accepted to Orthopaedic Journal of Sports Medicine, June 2017; DOI: 10.1177/2325967117708548

- 30. Rationale for Stem Extension Selection in Revision TKA (Budhiparama, NC; Hidayat, H; Ifran, NN)
 Chapter in the textbook "Delta APAS Compendium, 3rd Edition Accepted April 2017 for publication in August 2017
- 31. A Comparison of Clinical and Patient Recorded Outcomes of TKR in Asian versus North American Patients (Budhiparama, NC; Gaudiani, M; Nelissen, RGHH; White P; Ranawat, A; Ranawat CS) Submitted to Orthopedics, June 2017
- 32. Combined 5th Scientific Meeting of Indonesian Hip & Knee Society (IHKS) with International Congress for Joint Reconstruction (ICJR) Symposium: The Art and Sciences for Hip and Knee Management, Current Concepts in Arthroscopy, Trauma, & Arthroplasty. August 23-27, 2017 Shangri-La Hotel, Jakarta-Indonesia. Editors: Bintang Soetjahjo, Nicolaas C. Budhiparama, Edi Mustamsir, Andre Pontoh, Dwikora Novembri Utomo, Ismail Hadisoebroto Dilogo, Dicky Muljadi, Kiki Novito, 1st Edition. Published September 2017 ISBN 978-602-50341-0-7
- 33. The interaction of the Active Compounds of Labisia Pumila on TANK-RANKL-OPG system. (Noor, Z; Kania, N; Azharuddin, A; Budhiparama, NC; Nurdiana, N; Hidajat, NN; Fatmawati, F; Setaiwan, B). Clinical Nutrition Experimental, September 2017; doi: 10.1016/j.yclnex.2017.09.001
- 34. Early Revision: What is the Real Value? Subchapter in "The infected Total Knee Arthroplasty" (Longo, UG; Budhiparama, NC; Parratte, S; Bauer, T; Lustig, S) in progress to be submitted for publication, December 2017
- 35. Total Knee Arthroplasty and Patella Alta: A Case Control Study (Gaillard, R; Bankhead, C; Budhiparama, NC; Neyret, P; Servien, E; Lustig S) in progress to be submitted to Bone Joint Journal for publication, January 2018
- **36.** Anthropometric measurement of Caucasian and Asian Knees (deGroot, PCJ; Ifran, NN; Hidayat, H; Nelissen, RGHH, Budhiparama, NC) in progress for submission for publication, February 2018
- 37. Femoral Rotational Alignment in Total Knee Arthroplasty: Current Concept Review (Budhiparama, NC; Talbot, S; Ifran, NN; Howell, SM; Matsuda S; Victor, J) in progress to be submitted for publication, March 2018
- 38. Comparing the Outcome of Circumferential Patellar Denervation in Unresurfaced Bilateral Total Knee Arthroplasty (Budhiparama, NC; Hidayat, H; Gaol, IL; Novito, K; Nelissen, RGHH) in progress to be submitted for publication
- **39.** Simultaneous Bilateral TKA is Safe and More Cost Effective Compared to Staged Bilateral TKA in Medistra Hospital (Budhiparama, NC; Hidayat, H; Gaol, IL; Ifran, NN) in progress to be submitted for publication
- **40.** Accuracy of Long Leg Standing Radiograph in Predicting Cartilage Defect Compared With Intraoperative Finding (Budhiparama, NC; Hidayat, H; Gaol, IL; Ifran, NN; Nelissen, RGHH) in progress to be submitted for publication

Presentations

Date	Title	Meeting Name	Role
October 2009	MIS & CAS: Dreams or Facts? – The Value for Daily	1 st EFORT ASIA	Invited
	Work (Asian Perspective)	Meeting – Bangkok,	Speaker
		Thailand	'
November	Current Management of Periprosthetic	60 th POA, 25 th APOA,	Invited
2009	Fractures	and 2 nd AAA Meeting	Speaker &
	MIS & CAS: Dreams or Facts? The Value for	– Manila, Philippines	Moderator
	Daily Work (Asian Perspective)		
June 2010	Articular Cartilage Regeneration with Autologous	Meet The Expert @	Moderator
	Marrow Aspirate & Hyaluronic Acid	57 th Continuing	
		Orthopaedic	
		Education (COE) in	
		Malang, Indonesia	
June 2010	MIS & CAS: Dreams or Facts? The Value for Daily	EFORT Meeting in	Invited
	Work (Asian Perspective)	Madrid, Spain	Speaker
August 2010	CAS TKA: Is It The Best Choice and My Mid to Long	3 rd AAA Meeting in	Invited
	term TKA results in ASEAN Countries? (Indonesia)	Phuket, Thailand	Speaker &
		- th	Moderator
September	MIS & CAS: Dreams or Facts? The Value for Daily	12 th APAS Meeting in	Invited
2010	Work in TKA	New Delhi, India	Speaker &
		a ard a a a a a a th	Moderator
October 2010	CAS - Dreams or Facts? The Value for Daily Work	33 rd SOA & 30 th AOA	Invited
	in TKA	Meeting in	Speaker &
0 -1 -1 2040	De la constitución Acid Donner Designation	Singapore	Moderator
October 2010	Review on Zoledronic Acid: Pre or Post	2010 National	Speaker
	Menopausal Fracture and Increasing Bone Density	Scientific Meeting by	
		Indonesian	
		Osteoporosis Association in	
		Malang, Indonesia	
November	Glucosamine & Hyaluronan for Treatment of Knee	2 nd EFORT Asia	Speaker
2010	OA	Meeting in Taipei,	Speaker
2010		Taiwan	
November	How I Do My Primary Hip Arthroplasty?	17 th National	Moderator
2010	The state of the s	Congress of IOA –	
		Jakarta, Indonesia	
May 2011	What's New With Poly in TKR?	Combined MOA &	Plenary
-	,	AAA Meeting – Kuala	Speaker
		Lumpur, Malaysia	
August 2011	CAS TKA: Is It Still There?	THKS Meeting in Hua	Invited
	• Is The Definition of High Flexion The Same for	Hin, Thailand	Speaker
	Asian and Western Patients?		
September	Balancing Varus / Valgus Deformities	IHKS Instructional	Instructor
2011		Cadaveric Course in	
		Malang, Indonesia	
December	What's New in Poly for TKR?	Combined 13 th APAS	Invited
2011	TKA: Uni, High flex and others	and 6 th COA Meeting	Speaker &
		in Beijing, China	Moderator
January 2012	Speaker - The Development and Current Status	2 nd Indonesia Hip &	Keynote

	of Hip & Knee Surgery in Indonesia	Knee Society	Speaker &
	Moderator - Unveil the Facts of COX2 Inhibitor	Meeting in Jakarta,	Moderator
	in Orthopaedic Cases Management	Indonesia	Wioaciatoi
	Moderator - Arthroplasty Crossfire Debate	Indonesia	
	Woderator Thrombosis Wanagement in		
	Orthopaedic Surgery, Do We Need a Paradigm Shift?		
May 2012	Venous Thromboembolism Prevention (VTEp) in	Asia Expert Panel	Speaker
	Orthopaedic: Current Practice and Unmet Needs	Meeting for Better	
		VTE Prevention for	
		Orthopaedic Patients	
		in Bali, Indonesia	
June 2012	Does DVT Exist in Asia?	59 th COE Meeting in	Speaker
		Bandung, Indonesia	
August 2012	Venous Thromboembolism Prevention (VTEp) in	14 th APAS Meeting in	Invited
	Orthopaedic : Current Practice and Unmet Needs	Mumbai, India	Speaker
August 2012	Conventional Polyethylene vs Highly Cross-linked	1 st Meeting of	Plenary
	Polyethylene in TKR patients	Chinese Japanese	Speaker
		Korean (CJK)	
		Meeting in Seoul,	
		South Korea	
September	Day Seminar in Sports Medicine	IHKS Sports	Moderator
2012		Medicine Seminar in	
		Jakarta, Indonesia	
September	Venous Thromboembolism Prevention (VTEp) in	2012 Pacific Rim	Invited
2012	Orthopaedic: Current Practice and Unmet Needs	Orthopaedic	Speaker
		Symposium (PROS)	
		in Bangkok, Thailand	
September	 Patellar Resurfacing – Yes or No? 	ICJR South East Asia	Invited
2012	Patellar Tendon Ripped Off	Course in Kuala	Speaker
		Lumpur, Malaysia	
October 2012	Varus / Valgus Knee	IHKS ICL & Cadaveric	Speaker &
		Workshop on THA	Moderator
		and TKA in Malang,	
		Indonesia	
October 2012	Conventional Polyethylene vs Highly Cross-linked	Singaporean	Invited
	Polyethylene in TKR patients	Orthopaedic	Speaker
		Association Meeting	
		in Singapore	
October 2012	Surgical Aspect of Osteoporosis Therapy	2012 Indonesian	Speaker &
	Principles and Roles of Arthroscopy	Osteoporosis	Moderator
		Association Meeting	
		in Jakarta, Indonesia	
November	Venous Thromboembolism Prevention (VTEp) in	7 th COA Meeting in	Invited
2012	Orthopaedic Patients in Asia : Current Practice	Beijing, China	Speaker
	and Unmet Needs	Lath.a	
November	Post THR Dislocation: Causes and	18 th IOA National	Speaker
2012	Management	Congress in Jakarta,	
	TKR in Osteoarthritis: Now and Future	Indonesia	
December	 Conventional Polyethylene vs Highly Cross- 	Chandra Knee	Invited
2012	linked Polyethylene in Total Knee Replacement	Foundation Meeting	Speaker

	Patients • Patella Resurfacing – Necessary or Not? • Patient Specific Implants vs Computer Assisted Surgery ~ Patient Specific Implants	in Ahmedabad, India	
January 2013	Current Approaches to Prevent Thromboembolism After orthopaedic Surgery	Pfizer Internal Training in Jakarta, Indonesia	Speaker
April 2013	 Speaker - Total Hip Arthroplasty, Past, Present & Future Panelist - Current Concept & Management of Total Hip Arthroplasty Case Discussions 	IOA Seminar, Workshop, and Live Surgery in Solo, Indonesia	Speaker & Panelist
July 2013	Current Approach to Prevent Thromboembolism After Orthopaedic Surgery	1 st Asia Arthroplasty Thromboprophylaxis Survey Working Group Meeting in Hong Kong	Chairman & Speaker
August 2013	Revision Hip Discussion	APHS Meeting in Hua Hin, Thailand	Moderator
August 2013	The Patella in Total Knee ArthroplastyEffective Methods to Prevent Hip Dislocations	THKS Meeting in Bangkok, Thailand	Invited Speaker
August 2013	Cadaveric Hip & Knee Workshop	1 st AAA Comprehensive Hip & Knee Course in Bangkok, Thailand	Instructor
August 2013	 Speaker - The Development and Current Status of Hip & Knee Surgery in Indonesia Moderator - Managing Hip Fractures and their Sequelae with Arthroplasty Moderator - Controversial Issues of Hip & Knee Arthroplasty Moderator - Eliquis Lunch Symposia Moderator - ASKOT Study: An Evaluation of the Acceptability & Safety in Real Life Conditions of a Viscoelastic Solutions of Hyaluronic Acid in Treatment of Knee Osteoarthritis Moderator - Proactive Knee Management of Knee OA - A Viscosupplementation Approach 	3 rd IHKS Scientific Meeting in Jakarta, Indonesia	Keynote Speaker & Moderator
September 2013	Surgical & Drug Therapy for Osteoporotic Women	University of Indonesia Faculty of Medicine's Annual Pharmacologic & Therapy Scientific Meeting in Jakarta, Indonesia	Invited Speaker
October 2013	Proactive Knee Management of Knee OA - A Visco-supplementation Approach	PEROSI National Scientific Congress in Palembang, Indonesia	Speaker
N0vember 2013	The Patella in Total Knee Arthroplasty - Necessary or Not?	8 th COA Congress & 1 st ASIA Meeting in Beijing, China	Invited Speaker & Moderator

December	Speaker - Do We Need to resurface the	2 nd Emirates	Plonary
2013	 Patella: What the World is Saying? Speaker - Introduction to new Technology in TKA: Is the latest always the greatest? Speaker - CAS: Dreams or facts? The value of daily work in TKA Panelist - What is the preferred bearing surface in THA in young active around the world? 	Orthopaedic Association (EOA) International Meeting in Dubai, United Arab Emirates	Plenary Speaker & Panelist
January 2014	 Patella Replacement - Replace or not? Venous Thromboembolism Prevention 	Ranawat Orthopaedic Center Meeting in New Delhi, India	Keynote Speaker
April 2014	 Speaker - Technical Tips for Total Knee Replacement Moderator - When to Do a Scope in Degenerate Knee? Panelist - Case Challenges for Total Knee Replacement: Can the Surgeon Get It Right? Panelist -One Stage Reimplantation: Indications & Technique Panelist -Pain Management and Rapid Recovery / Discharge for Total Hip Replacement and Total Knee Replacement Panelist -Obamacare & Your Practice 	The Master's Series by USC Keck School of Medicine in Los Angeles, USA	Invited Speaker, Moderator & Panelist
June 2014	 Speaker – CAS : Dreams or Facts ? The Value of Daily Work in TKR Speaker - Venous Thromboembolism Prevention in Orthopaedic Surgery : Current Practice & Unmet Needs 	2014 APAS (Asia Pacific Arthroplasty Association) in Cheng Du, China	Keynote Speaker & Panelist
July 2014	 Speaker – Effective Methods to Prevent THA Dislocation Speaker – CAS : Dreams or Facts ? The Value of Daily Work in TKR Moderator – THA Dislocation 	2014 ICJR (International Congress for Joint Reconstruction) Pan Pacific in Hawaii, USA	Invited Speaker, Moderator & Panelist
August 2014	 Speaker – Versatility of TKR – Postpone Revision by Doing a Good Primary Moderator – Crossfire: Measured resection or Gap balancing: What is the key to the knee? Moderator – Crossfire: Femoral/Tibial Stems: Cemented or Cementless? What works best? 	First ASEAN Insight Meeting in Phuket, Thailand	Invited Speaker & Moderator
September 2014	 Speaker – CAS: Dreams or Facts? The Value of Daily Work in TKR Speaker – The Patella in TKA: To Resurface or Not is The Question Moderator – Hip Resurfacing, Bone & Joint Preservation Moderator – Bone & Joint Preservation Moderator – Hip Revision II 	ISTA (International Society for Technology in Arthroplasty) 2014 in Kyoto, Japan	Invited Speaker & Moderator

October 2014	 Speaker – Making the First Fracture the Last: Secondary Fracture Prevention (Read by dr. Kiki Novito) Speaker - Algorithm of Osteoporosis Speaker – Osteoarthritis Management at Different Stages of Disease 	PEROSI (Indonesian Osteoporosis Association) National Congress in Solo, Indonesia	Speaker
October 2014	Speaker – The Role of Team Physician in Maximizing Athlete's Return to Play & Prevention of Early OA Post Athlete's Injury	1 st IMPACT (Indonesian Medical Conference on Physical Activity, Exercise & Sports) Meeting in Jakarta, Indonesia	Invited Speaker
November 2014	 Speaker – Quality of Life Following TKR in 3 Distinct Patient Population Moderator – Revision Total Knee Replacement 	ASIA (Arthroplasty Society in Asia) Meeting in Seoul, South Korea	Keynote Speaker & Moderator
November 2014	Speaker – Why Total Knees Fail in 2014? – Pitfalls and Pearls for Successful TKR	IHKS Specialty Day @ IOA (Indonesian Orthopaedic Association) National Congress in Jakarta, Indonesia	Speaker
November 2014	 Speaker – Patella Resurfacing – Will This Ever End? I Don't Moderator – The New, The Bad & The Ugly Knees I 	Combined POA / AAA / ASSA / AOA Meeting in Cebu, The Philippines	Invited Speaker
December 2014	Speaker – Patella Resurfacing: Necessary or Not? What Are The World Saying?	ICJR India in Delhi, India	Invited Speaker
December 2014	 Speaker – Why TKAs Fail in 2014? Speaker – Patella Resurfacing: Necessary or Not? What Are The World Saying? 	Chandra Knee Foundation Meeting in Ahmedabad, India	Invited Speaker
December 2014	Speaker – Development of Arthroplasty in Indonesia	1 st Symposium & Cadaveric Workshop in Bandung, Indonesia	Speaker
April 2015	Speaker – Patellar Resurfacing, What Are The World Saying?	Inaugural World Arthroplasty Congress by ICJR in Paris, France	Plenary Podium Speaker
April 2015	 Speaker – How to Improve TKR? Patellar Replacement? Panelist – Case Presentations for TKR Panelist – Stem Cells / PRP Injections in Orthopedics 	The Master's Series at USC Keck School of Medicine in Los Angeles, USA	Invited Speaker & Panelist
June 2015	 ICL Lecturer – Measured Resection vs Gap Balancing Technique for TKR With Specific Reference to Final Outcomes Moderator – Knee: Replacement Moderator – Total Knee Replacement 	ISAKOS 2015 Meeting in Lyon, France	Invited Speaker & Moderator

August 2015	Moderator – ASEAN Forum	APKS / THKS / AAA	Invited
August 2013	Speaker – Patellofemoral Resurfacing in TKA	Combined Meeting	Speaker &
	Instructor – Cadaveric Workshop on	in Bangkok, Thailand	Moderator
	Arthroplasty	Jangaen, manana	
August 2015	Lecturer – Clinical Management of	7 th Indonesian ISCD	Invited
_	Osteoporosis: Non-Pharmacologic, Estrogen &	Bone Densitometry	Lecturer
	Serm Treatment	Course in Jakarta,	
	Lecturer – Clinical Management of	Indonesia	
	Osteoporosis: Pharmacologic Treatment		
	Lecturer – Clinical Management of		
	Osteoporosis: Further Pharmacologic		
	Treatment Considerations		
August 2015	ICL Lecturer – What Are The Causes of Patient	IHKS 2015 Meeting	Plenary
	Dissatisfaction After TKA ?	in Surabaya,	Speaker,
	Plenary Speaker - Measured Resection vs Gap	Indonesia	Moderator,
	Balancing Technique for TKR With Specific		Course
	Reference to Final Outcomes		Director & Committee
	Course Director – Controversial Issues in Arthur plants & Wordt Cose Discussions		Committee
	Arthroplasty & Worst Case Discussions Workshop Course Director — Stability in		
	Workshop course birector Stability in		
	Motion, New Advantage for TKR Surgery (Attune)		
	Workshop Lecturer - Design Features & Early		
	Experience With a Modern TKA		
	Expert Speaker – Launching of Attune RP		
	Implants		
	Moderator - ICL: How Can We Optimize		
	Patient Satisfaction After TKA		
September	Plenary Speaker – New Technology in TKA: Is	APAS 2015 Meeting	Invited
2015	The Latest Always The Greatest?	in Delhi, India	Speaker,
	Speaker – Measured Resection vs Gap		Moderator
	Balancing Technique for TKR		& Course
	Speaker – Patella Resurfacing: What Are The		Chairman
	World Saying ?		
	Course Chairperson : Knee Symposium		
September	Debate Speaker – Resurfacing Patella – Pro vs	ICJR SEA 2015	Invited
2015	Against (Against)	Meeting in Penang,	Speaker,
	Panelist – Case Discussion – Knee: Primary & Difficult Primary	Malaysia	Panelist & Course Co-
	Difficult Primary Instructional Course Lecture Co-chair – The		Chairman
	 Instructional Course Lecture Co-chair – The Biomechanics and Asymmetric Knees 		Chairman
October 2015	-	2015 PEROSI Annual	Speaker,
Octobel 2013	 Speaker – Making the First Fracture the Last Fracture: an ASBMR Task Force Report 	Scientific Meeting in	Moderator
	Speaker – Defining an International Standard	Jakarta, Indonesia	&
	Set of Outcomes Measures for Patients with	Tantai taj irra orreora	Organizing
	Hip or Knee Osteoarthritis: Consensus of the		Committee
	ICHOM Hip and Knee Osteoarthritis Working		
	Group		
	Moderator – Keynote & Plenary Lecture		
	Moderator – Osteoporosis and Osteoarthritis		

December	Sneaker - Knee Injuries: When to Do Surgery	2015 Indonesian	Invited
2015	Speaker – Knee Injuries: When to Do Surgery & Does it Guarantee Results ?	Olympic Committee (IOC) Sports Medicine Symposium & Course in Jakarta, Indonesia	Speaker
February 2016	Speaker – Current Updates in Osteoporosis Management	Osteoporosis Awareness for General Practitioner in Surabaya, Indonesia	Keynote Speaker
March 2016	 Speaker – Periprosthetic Tibial Fracture Chairman – TKR and New Technology 	19 th APOA Congress in Melbourne, Australia	Invited Speaker, Moderator
July 2016	Moderator – Osteoporosis Current Insight based on guidelines implemented	Roche Ibandronate Acid Advisory Board Meeting in Jakarta	Advisory Board, Moderator
July 2016	 Speaker – How I Do My TKR ? Step by Step Techniques Speaker – Managing Intraoperative Issues and Postoperative Rehabilitation Instructor – Workshop TKA by DePuy Synthes 	2 nd Basic Orthopaedic Skill Course In Surabaya, Indonesia	Invited Speaker, Instructor
August 2016	 Speaker – Measured Resection vs Gap Balancing Technique for TKR with specific reference to patient reported outcome Speaker – Is The Definition of High Flexion TKA The Same for Asian & Western Patients? Expert Panelist – How Do We Minimize Infection? 	3 rd ICJR Pan Pacific in Kona, Hawaii	Invited Speaker & Expert Panelist
August 2016	 Speaker – Periprosthetic Tibial Fracture Speaker – Measured Resection vs Gap Balancing Technique for TKR with specific reference to patient reported outcome Debate Host – Patella Resurfacing in all TKAs is a Must 	2016 APAS Meeting in Penang, Malaysia	Invited Speaker, Debate Host
September 2016	Speaker – A Comparison of Clinical and Patient Recorded Outcomes of TKR in Asian versus Western Patients	Combined European Knee Society & American Knee Society Closed Meeting in Paris, France	Speaker
October 2016	 Speaker – Periprosthetic Fractures of the Lower Extremities: Global Trends & Challenges Speaker – How Do I Manage Insitu Hardware When Converting to a TKA ? Speaker – Measured Resection vs Gap Balancing Technique for TKR with specific reference to patient reported outcome 	2016 SOA / AO Recon Course in Singapore	Invited Speaker
October 2016	Speaker – Measured Resection vs Gap	2016 APKS Meeting	Invited

	Balancing Technique in TKR: With Specific Reference to Patients' Reported Outcome Measures • Moderator – Symposium: Management factors for Success in Primary TKA • Panelist – Panel Discussion	in Yokohama, Japan	Speaker, Moderator & Panelist
November 2016	Moderator – The Benefits of Viscosupplementation Injections for Treatment of OA	Meet The Expert, Jakarta, Indonesia	Moderator
March 2017	 Invited Speaker – How I Treat Infected Arthroplasty? Jury – Best Paper Award Opening Speech as Chairman of Infection Section 	2017 APOA Trauma & Infection Meeting in Kuala Lumpur, Malaysia	Invited Speaker, Jury & Committee
April 2016	Invited Speaker – How to Best Achieve Your Target ? CAS	2017 European Knee Society Closed Meeting in London, UK	Invited Speaker,
April 2017	Invited Speaker – Measured Resection vs Gap Balancing Technique in TKR: With Specific Reference to Patients' Reported Outcome Measures	2017 APKASS Meeting in Seoul, S. Korea	Invited Speaker
May 2017	Invited Speaker – Case Study Review	2017 ISCD Vertebral Fracture Assessment Course in Jakarta, Indonesia	Invited Speaker
June 2017	 Invited Speaker – Extensor Mechanism Rupture Invited Speaker – Early Revision: What is The Real Value? (DAIR – Indications & Limitations) Invited Speaker – What is the Target for Femoral Component from a Clinical Standpoint? Moderator – Surgical Demonstration: Tibia First Balanced Femur Total Knee Arthroplasty 	2017 ISAKOS Congress in Shanghai, China	Invited Speaker, Moderator & Panelist
August 2017	 Invited Speaker – Extensor Mechanism Rupture Invited Speaker - Early Revision: What is The Real Value ? (DAIR – Indications & Limitations) Invited Speaker – How I Treated Infected Arthroplasty ? 	2017 THKS Meeting in Hua Hin, Thailand	Invited Speaker
August 2017	 Plenary Speaker – Periprosthetic Fracture in Lower Extremities in 2017: Global Trends & Challenges Course Director – ICJR Symposium Co-Chairman – Early Intervention for OA: A World Perspective Round Table Discussion Moderator – The Great Knee Debate: Should We Progress to Kinematic Alignment Rather Than Mechanical Alignment 	Combined Meeting of IHKS 5 th Scientific Meeting & ICJR Symposium in Jakarta, Indonesia	Plenary Speaker; Course Director; Co- Chairman; Organizing Committee; Workshop Instructor;

	 Moderator – The Great Knee Debate: Cementless TKA vs All Poly Tibial Tray Moderator – World Perspective Discussion: THA for Young Adult: Bearing Surface Moderator – Lunch Symposium: Rosagen Moderator – Knee Arthroscopy 2 Symposium Workshop Speaker & Instructor – DePuy J&J: Attune 		Moderator
September 2017	 Speaker – Revision THA Module 3: Instability After THA - Effective Methods to Prevent Hip Dislocation Speaker – Revision TKA Module 3: Painful Unstable TKA - Identify Etiology & Types of Instability After TKA Moderator – Revision THA Module 2: Moderate to severe Femoral Bone Loss Moderator – Revision THA Module 4: Periprosthetic Joint Infection 	THKS / AAA Master Course 2017 in Chiang Rai, Thailand	Invited Speaker & Moderator
October 2017	 Speaker – Clinical Management Part 1: Non-Pharmacologic, Estrogen & SERM Treatment Speaker – Clinical Management Part 2: Pharmacologic Treatment Continued Speaker – Clinical Management Part 3: Further Pharmacologic Treatment Considerations 	ISCD Course 2017 in Jakarta, Indonesia	Invited Speaker
October 2017	 Speaker – Patellofemoral Resurfacing and Tracking Speaker – Diagnosis and Treatment of Infection in TKA Moderator – Performing Total Hip Arthroplasty Moderator – Optimizing Expectations & Outcomes 	AO Recon Course 2017:Principles of Total Hip & Knee Arthroplasty in Jakarta, Indonesia	Invited Speaker. Moderator & Course Co- Chairman
November 2017	Speaker – Penatalaksanaan Terkini OA Lutut & Panggul (Current Management of Hip & Knee Osteoarthritis)	IOA Public Seminar 2017 in Aceh, Indonesia	Invited Speaker
December 2017	 Speaker – Surgical Management of Osteoporotic Fracture Speaker – Zoledronic Acid: An Effective Once Yearly Infusion for Osteoporosis Treatment 	PEROSI National Congress 2017 in Medan, Indonesia	Invited Speaker & Committee
March 2018	 Speaker – Early Revision of PJI: What is The Real Value of DAIR? Speaker – Periprosthetic Fracture around the Knee: Is Arthroplasty an Option? Speaker – Effective Methods to Prevent Hip Dislocation Moderator – Hip Arthroplasty 	ICJR Middle East 2018 in Dubai, United Arab Emirates	Invited Speaker & Moderator