

INFORMAZIONI PERSONALI



Laurea in Medicina e Chirurgia (Università degli Studi di Milano)	2003
Specialità in Ortopedia e Traumatologia (Università degli Studi di Milano)	2008
Alta specializzazione nella chirurgia dell'anca	2015
Alta specializzazione nella chirurgia del ginocchio	2017
Membro affiliato della European Knee Society (EKS)	2019
Membro SIGASCOT	2020
Registrazione completa al GMC (General Medical Council) con licenza a praticare e ingresso nel Registro degli Specialisti Inglese	2021
Membro della Royal Society of Medicine	
Membro della British Patellofemoral Society	2021
Junior Member of the European Knee Society (EKS)	2022
Fellow of The Royal College of Surgeons of England (FRCS)	2022

WORK EXPERIENCE

<i>From 2003 – to 2008</i>	Orthopaedic Training Programme University of Milan
<i>From 2008 – to 2017</i>	Consultant Orthopaedic Surgeon 2008-2017 Public Health System Cernusco S/N Hospital (Melegnano) www.asst-melegnano-martesana.it
<i>From 2017 – to 2018</i>	Knee Fellowship Prof. Sergio Romagnoli – Istituto Ortopedico Galeazzi, Milan – CCP Department (Centro di Chirurgia Protesica – Knee and Hip Arthroplasty Center)
<i>From 2018 – to 2020</i>	Consultant Orthopaedic Knee Surgeon Public Health System Cernusco S/N Hospital (Melegnano) www.asst-melegnano-martesana.it

CURRENT EMPLOYMENT

<i>From 04/2020</i>	Consultant Orthopaedic Knee Surgeon ICCS Istituto Clinico Città Studi – Milano www.ic-cittastudi.it
<i>From 04/2021</i>	Consultant Orthopaedic Knee Surgeon King Edward VII's Hospital London – United Kingdom

ACADEMIC COMMITMENTS

Review editor for the Journal of Orthopedic Surgery and Research

AWARDS

Paul Harris Fellow – Rotary International (2015) – Gary C.K. Huang, President
Awarded for "Instructional and Educational Services and Development of Teaching Programs"

EDUCATION AND TRAINING

<i>From 01/2001 – to 03/2001</i>	ERASMUS - attendance at Illkirsch Traumatology Center of Strasbourg and at the CHU Hautepierre Pédiatrie (France)
<i>From 01/2002 – to 06/2004</i>	Attendance at Monza Hospital San Gerardo –Orthopaedic and Traumatology Department – University Of Milan.
<i>From 06/2004 – to 12/2004</i>	Attendance at Clinica San Giuseppe, Milan– General Surgery.
<i>From 01/2005 – to 06/2005</i>	Attendance at MicroSurgery Hand Department– Istituto Ortopedico G. Pini - Milan.
<i>From 07/2005 – to 12/2005</i>	Attendance at Shoulder Surgery Department - Istituto Ortopedico G. Pini - Milan.
<i>From 02/2006 – to 12/2006</i>	Attendance at Istituti Clinici di Perfezionamento – CTO Milan.
<i>From 01/2007 – to 11/2008</i>	Attendance at Department of Traumatology and Orthopaedic of Melegnano - Milan.
<i>From 05/2007 – to 12/2014</i>	Attendance at Pediatric Orthopaedic Department from 2007 to 2014 at I.R.C.C.S, San Raffaele Hospital - Milan (Prof. Maurizio De Pellegrin).

PERSONAL SKILLS

I am an Orthopaedic Surgeon with a special interest in Knee Surgery, Sport Medicine, Hip Surgery, Paediatric Orthopaedic and Traumatology.

My Knee Fellowship allowed me to work and actively operate with Prof. Sergio Romagnoli at Galeazzi Hospital, Milan. This valuable fellowship experience enabled me to improve my knowledge and skills in Knee Surgery.

My consultant appointment as Orthopaedic Knee surgeon and knee specialist in Cernusco S/N – Melegnano, led to my offering a full knee service including arthroscopies, Anterior Cruciate Ligament Reconstructions, Partial Knee Surgery (Unicompartmental Knee Prosthesis), Total Knee Prosthesis and Revision Knee Surgery.

As my practice developed and became more specialized towards complex knees, I accepted the Consultant knee surgery position in 2020 at ICCS (Istituto Clinico Città Studi) in Milan, with my Chief Nicolò Castelnovo. The department is a tertiary referral centre for complex and difficult knees.

I was invited to join the consultant staff at King Edward VIIth's Hospital as a Consultant Knee Surgeon working alongside along Prof. David Barrett and Prof. Justin Cobb. I now practice between Milan and London and have an active interest in research and academic knee surgery as well as the treatment of complex knee conditions. I am a member of the regular review board for knee surgery

at King Edward VII's Hospital, where all cases are discussed and evaluated.

Language skills: My mother tongue is Italian, I have practised professionally in England and studied under the ERAMUS programme in France, therefore I am fluent in both French and English.

KNEE PUBLICATIONS

1. Brivio, A.; Barrett, D.; Gong, M.F.; Watson, A.; Naybour, S.; Plate, J.F. Dynamic Measurement of Patellofemoral Compression Forces: A Novel Method for Patient-Specific Patella Resurfacing in Total Knee Replacement. *Appl. Sci.* **2022**, *12*, x. <https://doi.org/10.3390/xxxxx>
2. D'ambrosi R, Mangiavini L, Loucas R, Loucas M, Brivio A, Mariani I, Ursino N, Migliorini F. Similar rate of return to sports activity between posterior-stabilised and cruciate retaining primary total knee arthroplasty in young and active patients. Submitted for publication: KSSTA. 2022, 14th September. <https://doi.org/10.1007/s00167-022-0717-z>.
3. Brivio A., Barrett D. Update on Treatment of The Infected Unicompartmental Knee Arthroplasty. MO Journal Europe. 6-7 October 2022, 12-15.
4. Chapter: "Infection of UKA: What do we Know?" in "Unicompartmental Knee Consensus on Surgical Challenges in UKA. A surgeon experience collection; 84-94. Published in 2022
5. Al-Jabri T, Brivio A, Maffulli N, Barrett D. Management of instability after primary total knee arthroplasty: an evidence-based review. *Journal of Orthopaedic Surgery and Research*. 2021, 16:729.
6. Cardile C, Ragni P, Cazzaniga C, Marasco R, Brivio A, Onorati M, Di Nuovo F. "The Black Knee: A Rare Case of Knee Ochronotic Arthropathy in an Elderly Patient with Unknown Alkaptonuria". *J Clin Trials*. 2019, 9:6. ISSN: 2167-0870 JCTR.
7. Brivio A, Al-Talal T, Martin J, Maffulli N, Barrett D. DAIR: highly successful in the treatment of the acutely infected partial knee". Accepted for publication: *Annals of medicine*.

KNEE PRESENTATIONS

1. Dynamic measurement of patellofemoral forces in the native and replaced knee: an insight to anterior knee pain. A. Brivio, D. Barrett. European Knee Society Arthroplasty Conference. 6-7th October 2022. Munich – Germany. Nominated Special ePoster presentation.
2. Debate: DAIR - Give it a try! D. Barrett., A. Brivio. European Knee Society Arthroplasty Conference. 6-7th October 2022. Munich – Germany. E-poster presentation
3. Dynamic measurement of patellofemoral compression forces: the key to anterior knee pain in TKR. A. Brivio, D. Barrett, J. Plate, J. Naybour. SICOT 42nd Orthopedic World Congress. 28-30 September 2022. Kuala Lumpur – Malaysia.
4. DAIR for acute infection in a Unicompartmental Knee Arthroplasty is highly effective. A. Brivio, J. Martin, D. Barrett. SICOT 42nd Orthopedic World Congress. 28-30 September 2022. Kuala Lumpur – Malaysia.
5. "Infezioni nelle protesi monocompartimentali di ginocchio: cosa sappiamo?" A.Brivio, N. Castelnuovo. VIII congresso nazionale AIR – Associazione Italiana Ripotesizzazione. 8-9 April 2022. Modena – Italy.
6. "DAIR treatment: highly effective in early uni infection". A. Brivio, J Martin, N. Castelnuovo, D. Barrett. European Knee Society Closed Meeting, 15-17 December 2021 Courmayeur – Italy.
7. "DAIR treatment in early infection of unicompartmental knee arthroplasty: what do we Know?". ISAKOS Congress, 27-28 November 2021 – Cape Town.
8. E-Poster: "Significantly higher rates of success following DAIR treatment in infected Unicompartmental Knee Replacement". 41st SICOT orthopaedic World Congress, 15-18 September 2021.
9. "Smartphone gait analysis and patient specific follow up: a novel use of a smartphone markerless motion capture system for remote patient outcome". ESSKA 11-15 May 2021.
10. "Complex Primary Knee Technique and stemmable Design". D.S. Barrett, A. Brivio. Beijing Knee Society, in "How to address complex primary knee challenge". Education Meeting sponsored by Depuys. 2nd September 2020.
11. "The 3rd Space and Anatomic Patella Replacement ". D.S. Barrett, A. Brivio. For Fujian Province. China. 29th August 2020.
12. "A patient driven app to monitor progress and movement". D.S. Barrett, A. Brivio. London Knee Meeting 2019. London (UK). 8th October 2019.
13. "Complications after Knee Replacement". A. Brivio. Total Knee: Final 20% Meeting. Indian Knee Society, Udaipur, India. 7th April 2019.
14. Poster: "Variazioni della tecnica chirurgica di impianto di una protesi totale di ginocchio associate ai diversi dimensionamenti dei componenti femorali degli impianti di recente generazione". A. Brivio, F. Ravasi, R. Araldi. OTODI, 17-18 May 2018. Verona (Italy)

PUBLICATIONS

1. F. Ravasi, A. Brivio, P. Esopi, S. Pini. "Short metaphyseal hip stems: preliminary results". Abstract published in: HIP INTERNATIONAL, Vol 23, n. 6, 2013.
2. De Pellegrin M, Brivio A. Frattura del capitello radiale nel bambino: riduzione e sintesi mini-invasive. Giornale Italiano di Ortopedia e Traumatologia. 2012;38:27-34.
3. Pescatori E., Memeo A., Brivio A., Trapletti A., Camurri S., Pedretti L., Albisetti W. Supracondylar humerus fractures in children: a comparison of experiences. Journal of Pediatric Orthopaedics B. 2011.
4. De Pellegrin M, Brivio A. Radial neck fracture in children: minimally invasive reduction and fixation. Journal of Ortopaedics and Traumatology. 2011;12(Suppl 1)S23-S88.

5. De Pellegrin M, Brivio A, Fracassetti D. Calcaneostop con vite AO, da "Il piede pediatrico", pag. 247-256. Maggio 2010. Timeo Editore.
6. De Pellegrin M., Brivio A., Pescatori E., Tessari L. Frattura sovracondiloidea di omero in età infantile. Osteosintesi per cutanea in posizione prona. Giornale Italiano di Ortopedia e Traumatologia. 2008, 34:199-204.

PRESENTATIONS

1. "Instabilità Ricorrente della Protesi d'Anca: Algoritmo di trattamento". C.M. Ripamonti, A. Brivio, F. Ravasi. SIDA, Bergamo, Italy. 19th September 2019.
2. Metal-on Metal implants: the timing of revisione". BHS-SIDA. 26-27 November 2015. Milan.
3. "25 Anni di Ortopedia e Traumatologia Infantile al San Raffaele". September, 2015.
4. "11th European Hip Society Congress". Poster: "Short metaphyseal hip stem: preliminary results". A. Brivio, F.R. Ravasi, P. Esopi. Stockholm (Sweden). October, 2014.
5. "Congress of the Italian Hip Society 2013"; "Short metaphyseal hip stems: preliminary results". F. Ravasi, A. Brivio, P. Esopi, S. Pini. Florence (Italy), 2013.
6. "XV Congresso Nazionale SITOP". "Frattura scomposta del capitello radiale nel bambino: riduzione e sintesi mini-invasiva". Bologna (Italy), 2012.
7. "XXIV Triennial World Congress of the International Society of Orthopaedic Surgery and Traumatology (SICOT/SIROT)": "Supracondylar humerus fractures in children: blind pinning in aprone position". (Brivio A, Pescatori E.). Hong Kong, 2008.
8. "SIOT 2011": "Frattura scomposta del capitello radiale nel bambino: riduzione e sintesi mini-invasiva". Rome (Italy), 2011.
9. "EPOS 2011". Poster: De Pellegrin M, Moharamzadeh D., Brivio A. Subtalar extra-articular screw arthroereisis for treatment of flexible flat foot in children. 2011.
10. "Congresso Nazionale SITOP 2007". "Fratture sovracondiloidee dell'omero nel bambino: fissazione per cutanea in posizione prona entro le 6 ore dal trauma" (Brivio A., Pescatori E.). Stresa (Italy), 2007.
11. "XII Giornate Ortopedico-Reumatologiche dell'Istituto Ortopedico Gaetano Pini": "Le artroprotesi di polso" (Torretta F., Messina J.C., Brivio A., Figini A., Del Bò P.). Milan (Italy), 2007.
12. "44th Annual Meeting of the Italian Society of the Hand": "Treatment of RA of the wrist with the universal total wrist implant" (Messina J.C., Brivio A., Torretta F.). Milan (Italy), 2006.

KNEE COURSES
AND CONGRESSES

1. Le protesi di ginocchio dolorose. 20th November 2021. Milan. Italy.
2. Sports Knee Surgery. 5th November 2021. University of Warwick. United Kingdom.
3. EMEA – Webinar – How does ROSA Knee address different surgical techniques? 4th April 2021.
4. The 2nd British Patellofemoral Society (virtual) Annual Meeting. 18th-19th January 2021.
5. Combined Bristol & Oxford Unicompartmental Knee Arthritis Virtual Meeting. 30th November – 1st December 2020.
6. La Revisione della Protesi di Ginocchio: Planning e Scelta dell'Impianto. 19th November 2020.
7. Master - New technologies in TKA – European Knee Society Online Course. 7-28 October 2020.
8. The Partial Knee Meeting (2020 – Bruges – Belgium).
9. CURRENT CONCEPTS: dalla cellula al Metallo - 28-29th November 2019 – Parma (Italy)
10. "Protesi monocompartimentale: come partire, dove arrivare" - 22nd November 2019 – Milan (Italy)
11. "Corso avanzato di Chirurgia Protesica di Ginocchio" - 18-19th November 2019 - Turin (Italy)
12. "Presente e futuro della protesizzazione e ri-protesizzazione dell'anca" – 18th October 2019 – Milan (Italy)
13. London Knee Meeting – 8th October 2019 – London (UK)
14. International Surgeon Education Programme with DePuy - 17th September – United Kingdom
15. Meet the Knee - 15-16th July 2019 – Milan (Italy)
16. REVISION SIMPLIFIED – Corso teorico-pratico sulla Chirurgia di Revisione del Ginocchio – Piano Formativo A.I.R. - Modena (Italy) - 21st June 2019
17. Physica system & Physica ZUK – Dinner Meeting – Lecco (Italy) – 7th June 2019
18. Giornate Milanesi di Chirurgia del Ginocchio – Milan – 30-31 May 2019
19. Valencia EKS Arthroplasty Conference – Valencia (Spain) 2-3 May 2019
20. TIPS AND TRICKS in Knee surgery, Sirmione (Italy) – 29 March 2019
21. "La Protesi Monocompatimentale di Ginocchio: tra vecchi dubbi e nuove certezze" – Monza (Italy) – 9th March 2019
22. "The failure of TKR" – Esine (Italy) – 25 January 2019
23. "8th International SIA Congress" - 22-23rd November 2018 – Venice (Italy)
24. "Knee Interaction Meeting – Complex Knee Arthroplasty: from Primary to Revision" – 19-21 September 2018 – Lake Maggiore, Baveno (Italy)
25. Oxford Partial Knee Instructional Course – Oxford (UK) 20-21 March 2017
26. Everything you should know about revision total knee arthroplasty – 40th Sleeves Anniversary – International Meeting (2016 – Milano).
27. VI Advanced TKA Course (2016 – Turin).
28. Osteotomy's School – 1st Theoretical-Practical Knee Osteotomies Course (2016 – Bologna).
29. 10th Heidelberg Castle Live Surgery Meeting – Heidelberg (Germany) - 11-12 November 2016
30. The Partial Knee Meeting (2016 – Knokke-Heist).
31. 2nd Annual Complex Revision Knee Meeting (2015 – Berlin).
32. Current Concept SIGASCOT – Complex Knee Arthroplasty from Primary to revision – 5-6 March 2015 (Torino, Italy)
33. AO Trauma European Masters Course - Fractures around the Knee (2015 – London).
34. Artroplastica di Ginocchio: come stanno cambiando le regole del gioco – 7th May 2010 – Rome (Italy)

COURSES
AND CONGRESSES

1. "Conservative THA Expert Meeting (Corail/Pinnacle) – Veyrier du Lac (France), 11-12 April 2019
2. AO Trauma Course – Pediatric, 08-09 February 2017 – Leeds (UK).
3. AO Trauma Cours du Bassin – 14-16 may 2014 (Bruxelles, Belgium)
4. AO Trauma European Masters Course – femoral Fractures – 7-8 April 2014 (Ravenna, Italy)
5. AO Trauma European Masters Course – Pediatric Fractures (2013 – Birmingham).
6. AO Trauma Workshop – fracture Management during Growth – 9 September 2012 (Graz, Austria)
7. AO Trauma Advanced Course - Approaches and Osteosynthesis – 5-9 September 2012 (Graz, Austria)
8. Pediatric Traumatology Course (2008 – Turin)
9. Basic Osteosintesis AO Course (2007)