

Federico Canavese

Professore Ordinario

ISTRUZIONE E FORMAZIONE

1995 - 2001

Medical Student

Facoltà di Medicina e Chirurgia

Università degli Studi di Torino, Torino, **Italy**

2001 - 2006

Residency in Orthopedics and Traumatology

Scuola di Specializzazione in Ortopedia e Traumatologia

Facoltà di Medicina e Chirurgia

Università degli Studi di Milano, Milano, Italy

CHU Montpellier-Hôpital Lapeyronie (2002-2006)

Service de Chirurgie et Orthopédie Pédiatrique

Service de Chirurgie Orthopédique et Traumatologique III

Université de Montpellier, Montpellier, France

2006 - 2010

Fellowships in Pediatric Orthopedics and Spine Surgery

Clinical and Research Travelling Fellow in Pediatric Orthopedics (2 years)

Department of Paediatric Orthopaedics

Shriner's Hospital, Portland, Oregon, **USA**

Clinical Fellow in Pediatric Orthopedics (1 year)

Department of Paediatric Orthopaedics

The Hospital for Sick Children, Toronto, **Canada**

Clinical Fellow (Chef de Clinique; 1 year)

Département de l'Enfant et de l'Adolescent

Service d'Orthopédie Pédiatrique

Hôpitaux Universitaires de Genève (HUGe), Geneva, **Switzerland**

2008 - 2011

PhD in Discipline Anatomicopatologiche Veterinarie (XXIII ciclo)

Scuola di Dottorato di Ricerca

Facoltà di Medicina Veterinaria

Università degli Studi di Bologna, Bologna - Università degli Studi di Udine, Udine, **Italy**

ESPERIENZA ACCADEMICA

2010 - 2020

Head, Full Professor

Pediatric Surgery Department

Service de Chirurgie Infantile

Université d'Auvergne, Clermont Ferrand, **France**
Centre Hospitalier Universitaire Estaing, Clermont Ferrand, **France**

2017 – 2018

Full Professor, Staff Surgeon

Pediatric Orthopedic Surgery Department
GuangZhou Women and Children Medical Center, GuangZhou, **China**

2020 – 2024

Head, Full Professor

Pediatric Orthopedic Surgery Department
Service de Chirurgie Infantile
Centre Hospitalier Universitaire de Lille, Lille, **France**
Université de Lille, **France**

2024 – ...

Head, Full Professor

Department of Orthopedics
IRCCS Istituto Giannina Gaslini, Genova, **Italy**
Università degli Studi di Genova, **Italy**

INCARICHI ACCADEMICI

2012 – 2020

Professeur Agrégé

Université d'Auvergne, Clermont Ferrand, **France**

2020 – 2024

Professeur Agrégé

Université de Lille, Lille, **France**

2024 – ...

Professore Ordinario

Università degli Studi di Genova, **Italy**

TITOLI

INCARICHI DI INSEGNAMENTO O DI RICERCA (FELLOWSHIP) PRESSO QUALIFICATI ATENEI E
ISTITUTI DI RICERCA ESTERI O SOVRANAZIONALI

2018 – 2019

Honorary Visiting Professor

Pediatric Orthopedic Surgery Department
GuangZhou Women and Children Medical Center, GuangZhou, **China**

2022 – 2025

Visiting Professor

Fuzhou's Second General Hospital
Department of Pediatric Orthopedics
Fuzhou Second General Hospital, Fuzhou, **China**

2019 – ...

Visiting Professor

China Medical University (Pediatric Orthopedic Surgery)
Department of Pediatric Orthopedics
Shenjing Hospital, ShenYang, **China**

DIREZIONE O PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE, COLLANE EDITORIALI,
ENCICLOPEDIE E TRATTATI DI RICONOSCIUTO PRESTIGIO

[2019 - ...](#)

Deputy Editor

Orthopedics Traumatology Surgery & Research

[2021 - ...](#)

Deputy Editor

Journal of Children's Orthopedics

[2017 - ...](#)

Specialty Editor

Journal of Pediatric Orthopedics Part B

[2024 - ...](#)

Associate Editor

Minerva Orthopedics

[2019 - ...](#)

Editorial Board Members

Journal of Pediatric Orthopedics

[2017 - ...](#)

Guest Editor

F. Canavese, A. Diméglio

Journal of Pediatric Orthopedics Part B

Special Issue 2017: "The Montpellier School of Pediatric Orthopedics"

A. Andreacchio, F. Canavese, P. Farsetti

Journal of Pediatric Orthopedics Part B

Special Issue 2019: "The Italian School of Pediatric Orthopedics"

X. Lu, H. Xu, L. Feng, F. Canavese

Journal of Pediatric Orthopedics Part B

Special Issue 2020: "The Chinese School of Pediatric Orthopedics"

F. Canavese

Annals of Translational Medicine

Special Issue 2020: "Challenges in Scoliosis surgery: from infancy to adulthood"

F. Canavese, A. Diméglio

Annals of Translational Medicine

Special Issue 2021: "Idiopathic Clubfoot"

T. Liu, Q. Jie, F. Canavese

Frontiers Pediatrics

Special Issue 2023: "Elbow injury in pediatric patients"

F. Canavese

Medicina

Special Issue 2023: "Advanced Trauma Operative Management in Children"

V. Pavone, A. Andreacchio, [F. Canavese](#)

Frontiers Pediatrics

Special Issue 2023: "Upper and lower limbs trauma in childhood"

[F. Canavese](#), PM. de Moraes Barros Fucs, AN. Johari

International Orthopaedics

Special Issue 2024: "Pediatric orthopaedics: a special issue dedicated to current concepts and recent progress"

[2015 - ...](#)

Reviewer

Spine, J Bone Joint Surg Am, Int Orthop, Arch Orthop Trauma Surg, J Pediatr Orthop, J Pediatr Orthop B, J Child Orthop, OTSR, J Hand Microsurg

PREMI E RICONOSCIMENTI PER L'ATTIVITÀ SCIENTIFICA, INCLUSA L'AFFILIAZIONE AD ACCADEMIE DI RICONOSCIUTO PRESTIGIO NEL SETTORE

1) 2007 PREDRAG KLISIC BEST BASIC SCIENCE PAPER AWARD

[BEST BASIC SCIENCE PAPER PRESENTED DURING THE 26TH EPOS ANNUAL MEETING](#)

[F. CANAVESE](#), A. DIMEGLIO, D. VOLPATTI, JP. DAURES, M. STEBEL, E. PITTIONI, F. CAVALLI, B. CANAVESE

"POSTERIOR OR DORSAL ARTHRODESIS OF THE THORACIC SPINE IN PRE-PUBERTAL RABBITS AND EFFECTS ON THORACIC GROWTH"

26TH CONGRESS OF THE EUROPEAN PEDIATRIC ORTHOPAEDIC SOCIETY. SORRENTO (ITALY); 11-14 APRIL, 2007

2) 2009 EPOS-POSNA TRAVELING FELLOWSHIP

[AWARD GIVEN EVERY OTHER YEAR TO THREE YOUNG \(<40 YEARS\) EUROPEAN PEDIATRIC ORTHOPEDIC SURGEONS OF EPOS](#)

[F. CANAVESE](#) (ITALY), V. POLLET (BELGIUM), H. SENARAN (TURKEY)

3) 2010 PREDRAG KLISIC BEST BASIC SCIENCE PAPER AWARD

[BEST BASIC SCIENCE PAPER PRESENTED DURING THE 29TH EPOS ANNUAL MEETING](#)

[F. CANAVESE](#), A. DIMEGLIO, F. CAVALLI, M. STEBEL, A. PRANDI, M. GALEOTTI, B. CANAVESE

"EFFECTS OF T1-T12 DORSAL ARTHRODESIS ON THORACIC CAGE AND CHEST ORGANS. ANATOMICAL, HISTOLOGICAL AND RADIOLOGICAL STUDY ON PRE-PUBERTAL NEW ZEALAND WHITE RABBITS"

29TH CONGRESS OF THE EUROPEAN PEDIATRIC ORTHOPAEDIC SOCIETY. ZAGREB (CROATIA); 4-7 APRIL, 2010

4) 2013 JURG BAUMAN BEST POSTER AWARD

[BEST PAPER POSTER PRESENTED DURING THE 32ND EPOS ANNUAL MEETING](#)

P. LASCOMBES, G. DE COULON, [F. CANAVESE](#), D. CERONI, R. DAYER, B. MERLIN. "MRI CHANGES IN CALF MUSCLES OF CEREBRAL PALSY PATIENTS AFTER BONT-A INJECTIONS. PRELIMINARY REPORT"

32ND CONGRESS OF THE EUROPEAN PEDIATRIC ORTHOPAEDIC SOCIETY. ATHENS (GREECE); 17-20 APRIL, 2013

5) 2014 SPOP BEST CLINICAL SCIENCE PAPER

[BEST CLINICAL SCIENCE PAPER PRESENTED DURING THE PORTUGUESE PEDIATRIC ORTHOPEDIC SOCIETY \(SPOP\) ANNUAL MEETING](#)

C. ALVES, [F. CANAVESE](#), D. LEBEL, W. TRUONG, E. DODWELL

"UTILIDADE DA RADIOGRAFIA DA BACIA PARA JULGAR A REDUÇÃO DA ANCA NUM GESSO PELVIPODÁLICO NO TRATAMENTO DA DDA"

2º CONGRESSO NACIONAL DE ORTOPEDIA INFANTIL, LISBON (PORTUGAL); 20-22 MARCH 2014

6) 2017 BEST EPOSNA E-POSTER 2017 AWARD

BEST ELECTRONIC-POSTER (E-POSTER) PRESENTED DURING THE JOINT EPOS-POSNA 2017 ANNUAL MEETING

A. ANDREACCHIO, F. CANAVESE, L. MARENGO, M. CRAVINO, C. ORIGO

“OUTCOME OF CONSERVATIVE VERSUS SURGICAL TREATMENT OF HUMERAL SHAFT FRACTURE IN CHILDREN AND ADOLESCENTS: COMPARISON BETWEEN NONOPERATIVE TREATMENT, EXTERNAL FIXATION AND ELASTIC STABLE INTRAMEDULLARY NAILING”
EPOSNA MEETING. BARCELONA (SPAIN); 3-6 MAY 2017

7) 2017 SRS ORTHOPEDIATRIC INTERNATIONAL PEDIATRIC SPINE FELLOWSHIP

AWARD GIVEN EVERY YEAR TO TWO PEDIATRIC ORTHOPEDIC SURGEONS WILLING TO LEARN NEW TECHNIQUE IN PEDIATRIC SPINAL SURGERY

F. CANAVESE (ITALY) AND J. PIZONES (SPAIN)

8) 2017 MEDAL OF THE UNIVERSITY OF MONTPELLIER, FACULTY OF MEDICINE

AWARD GIVEN EVERY YEAR TO FORMER FELLOWS OF THE UNIVERSITY OF MONTPELLIER, MONTPELLIER, FRANCE, FOR THEIR CONTRIBUTION TO SUPPORTING THE MONTPELLIER SCHOOL OF ORTHOPEDICS AND PEDIATRIC ORTHOPEDICS THROUGHOUT THE WORLD

F. CANAVESE (ITALY), C. ASSI (LIBAN), J. CHIRON (FRANCE)

9) 2019 PREDRAG KLISIC BEST BASIC SCIENCE PAPER AWARD

BEST BASIC SCIENCE PAPER PRESENTED DURING THE 38TH EPOS ANNUAL MEETING

F. CANAVESE, FX XUN, H. XU, A. KAE LIN, YQ. LI, A. DIMEGLIO

“DYNAMIC THREE-DIMENSIONAL RECONSTRUCTION OF THORACIC CAGE AND ABDOMEN IN CHILDREN AND ADOLESCENTS WITH SCOLIOSIS: PRELIMINARY RESULTS OF OPTICAL REFLECTIVE MOTION ANALYSIS ASSESSMENT”

38TH CONGRESS OF THE EUROPEAN PEDIATRIC ORTHOPAEDIC SOCIETY. TEL AVIV (ISRAEL); 3-6 APRIL, 2019

10) 2021 BEST POSTER AWARD AT HONG KONG ORTHOPAEDIC ASSOCIATION 41ST ANNUAL MEETING

BEST POSTER PRESENTED DURING THE HONG KONG ORTHOPAEDIC ASSOCIATION ANNUAL MEETING

PWH. CHEUNG, F. CANAVESE, CYW. CHAN, JSH. WONG, H. SHIGEMATSU, KDK. LUK, JPY CHEUNG

“THE NOVEL PROXIMAL FEMUR MATURITY INDEX FOR PATIENTS WITH IDIOPATHIC SCOLIOSIS”

THE HONG KONG ORTHOPAEDIC ASSOCIATION 41ST ANNUAL MEETING. HONG KONG (CHINA); 6-7 NOVEMBER 2021

11) 2023 EFORT JACQUES DUPARC POSTER AWARD

JACQUES DUPARC AWARD FOR THE BEST POSTER PRESENTED DURING THE 24TH EFORT ANNUAL MEETING

F. CANAVESE, X. ZU, H. WU, C. XIANG, C. ZENG, H. XU

“RATE OF TOTAL HIP ARTHROPLASTY IN PATIENTS WITH LEGG-CALVE-PERTHES DISEASE AFTER CONSERVATIVE OR SURGICAL TREATMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS”

24TH EFORT ANNUAL MEETING. VIENNA (AUSTRIA) 24-26 MAY 2023

12) 2024 BEST VALUE AWARD FROM THE CHINESE ASSOCIATION OF ORTHOPEDIC SURGEONS (CAOS) - CAOS ANNUAL MEETING, NANJING 20-22 JUNE 2024

FOR THE OUTSTANDING CONTRIBUTION TO CHINESE PEDIATRIC ORTHOPEDIC SURGERY

F. CANAVESE (ITALY)

13) 2024 SITOP BEST E-POSTER AWARD

BEST ELECTRONIC-POSTER PRESENTED DURING THE XXVI CONGRESSO NAZIONALE SITOP (SOCIETÀ ITALIANA DI TRAUMATOLOGIA E ORTOPEDIA PEDIATRICA) MILAN, 10-12 OTTOBRE 2024

M. SAPIENZA, G. TESTA, C. DE CRISTO, F. CANAVESE, V. PAVONE

“CONFRONTO TRA PIEDE TORTO CONGENITO UNILATERALI E BILATERALI TRATTATI CON METODO PONSETI DURANTE L'EPOCA DELLA DEAMBULAZIONE: VALUTAZIONE STATICA E DINAMICA”

XXVI CONGRESSO NAZIONALE SITOP. MILAN (ITALY); 10-12 OCTOBER 2024

VISITING PROFESSORSHIPS

July 2018

GuangZhou Women and Children Medical Center
GuangZhou, **China**

August 2019 and December 2024/2028

China Medical University (Pediatric Orthopedic Surgery)
ShenYang, **China**

March 2022

Coimbra's Pediatric Orthopaedics Visiting Professorship 2022
Coimbra, **Portugal**

October 2022

Dip. Chirurgia generale e specialità medico-chirurgiche
University of Catania, Catania, **Italy**

December 2022

N. Balachandran Professorship in Paediatric Orthopaedics
Singapore Orthopaedic Association, **Singapore**

December 2023

FuZhou's 2nd Hospital affiliated to Xiamen University
Fuzhou, **China**

May 2025

2025 Dillehunt Memorial Lectureship at Shriner's Hospital for Children
Portland, OR, **USA**

PUBBLICAZIONI SCIENTIFICHE

- 1) L. Casorzo, L. Chiecchio, A. Pisacane, S. Fumero, F. Canavese, M. Risio
"Cytogenetic findings in a case of dedifferentiated chondrosarcoma"
Cancer Genet Cytogenet 2003; 144: 61-64
- 2) G. Micheletto, MC. Librenti, M. Perrini, M. Fioravanti, F. Canavese, F. Volterrani, S. Bressani Doldi
"Un'ulteriore possibilità nel trattamento della grande obesità: il palloncino intragastrico"
Osp Ital Chir 2003; 9: 82-90
- 3) A. Dimeglio, F. Canavese, YP. Charles
"The Montpellier method for the treatment of congenital talus equino varus"
Minerva Ortop Traumatol 2005; 56: 511-518
- 4) YP. Charles, F. Canavese, A. Dimeglio
"Skelettaltersbestimmung am Ellbogen während des pubertären Wachstums"
Der Orthopäde 2005; 34: 1052-1060
- 5) A. Dimeglio, F. Canavese
"Pie zambo: revision de los tratamientos actuales"
Rev Ortop Traumatol 2006; 50: 156-163
- 6) D. Louhaem, A. Nebunescu, F. Canavese, A. Dimeglio
"Neurovascular complications and severe displacement in supracondylar humerus fractures in children: defensive or offensive strategy?"
J Pediatr Orthop B 2006; 15: 51-57

- 7) YP. Charles, F. Canavese, A. Dimeglio
"Frühfunktionelle Behandlung beim angeborenen Klumpfuß"
Der Orthopäde 2006; 35: 665-673
- 8) A. Dimeglio, F. Canavese, M. Bertrand
"Luxation congenita de la cadera: politicas de prevencion en el mundo, revision de la bibliografia y experiencia personal"
Rev Ortop Traumatol 2007; 51: 218-223
- 9) F. Canavese, D. Louhaem, P. Mazeau, T. Bentahar, A. Dimeglio
"Giant cell tumor of the cervical spine in children"
Eur J Orthop Surg Traumatol 2007; 17: 465-469
- 10) F. Canavese, A. Dimeglio, D. Volpatti, M. Stebel, JP. Daurès, B. Canavese, F. Cavalli
"Dorsal arthrodesis of thoracic spine and effects on thorax growth in prepubertal New Zealand White rabbits"
Spine 2007; 32: E443-E450
- 11) F. Canavese, A. Dimeglio, M. Granier, M. Stebel, E. Pittioni, F. Cavalli, B. Canavese
"Arthrodesis of the first six dorsal vertebrae in prepubertal New Zealand White rabbits and thoracic growth on skeletal maturity: the role of the "rib-vertebralsternal complex"
Minerva Ortop Traumatol 2007; 58: 369-378
- 12) YP. Charles, A. Dimeglio, F. Canavese, JP. Daurès
"Skeletal age assesment from olecranon for idiopathic scoliosis at Risser grade 0"
J Bone Joint Surgery (Am) 2007; 89: 2737-744
- 13) F. Canavese, S. Gupta, JI. Krajbich, K. Emara
"Use of the Vacuum Assisted Closure in pediatric scoliosis patients with deep spinal infections"
J Bone Joint Surgery (Br) 2008; 90-B: 377-381
- 14) F. Canavese, BCL. Soo, SKK. Chia, JI. Krajbich
"Surgical outcome in patients treated for hemangioma during infancy, childhood and adolescence: a retrospective review of 44 consecutive patients"
J Pediatr Orthop 2008; 28: 381-386
- 15) F. Canavese, YP. Charles, A. Dimeglio
"Skeletal age assessment from elbow radiographs: review of the literature"
La Chirurgia degli Organi di Movimento 2008; 92: 1-6
- 16) F. Canavese, A. Dimeglio
"Legg-Perthes-Calvé disease: prognostic results in children under six years old"
J Bone Joint Surgery (Br) 2008; 90: 940-945
- 17) F. Canavese, A. Dimeglio, M. Granier, P. Beraldo, F. Bonnel, M. Stebel, JP. Daurès, B. Canavese, F. Cavalli
"Influence de l'arthrodese vertebrale dorsale selective T1-T6 sur la croissance thoracique: étude expérimentale chez des lapins New Zealand White prepubertaires"
Rev Chir Orthop Reparatr App Moteur 2008; 94: 490-497
- 18) R. Zeller, F. Canavese, AV. Kulkarni, J. Drake
"Technique for drilling instrument monitoring electrical conductivity in pediatric cervical screw insertion: a preliminary report"
J Pediatr Orthop 2009; 7: 760-764
- 19) F. Canavese, M. Sussman
"Strategies of hip management in patients with Duchenne muscular dystrophy, spinal muscular atrophy, Charcot Marie Tooth disease and arthrogryposis multiplex congenita"
Hip International 2009; 19: S46-S52
- 20) F. Canavese, M. Sussman
"Orthopedic manifestations of Congenital Myotonic Dystrophy during childhood and adolescence"
J Pediatr Orthop 2009; 2: 208-213
- 21) S. Lewis, F. Canavese, S. Keetbaas
"Intralaminar screw insertion of thoracic spine in children with severe spinal deformities: two case-reports"
Spine 2009; 34: E251-E254

- 22) F. Canavese, JI. Krajbich, AA. Kuang
"Application of the Vacuum Assisted Closure in pediatric patients with orthopedic sequelae of meningococemia: report of a case successfully treated"
J Pediatr Orthop B 2009; 18: 388-391
- 23) F. Canavese, K. Emara, J. Sembrano, V. Bialik, M. Aiona, M. Sussman
"Varus derotation osteotomy for the treatment of hip subluxation and dislocation in GMFCS level III to V patients with unilateral hip involvement: follow up at skeletal maturity"
J Pediatr Orthop 2010; 30: 357-64
- 24) F. Canavese, JI. Krajbich
"Use of the Vacuum Assisted Closure in instrumented spinal deformities for children with post-operative deep infections"
Indian J Orthop 2010; 44: 177-83
- 25) F. Canavese, JI. Krajbich, B. LaFleur
"Orthopedic sequelae of childhood meningococemia: management considerations and outcome"
J Bone Joint Surgery (Am) 2010; 92: 2196-203
- 26) F. Canavese, A. Dimeglio, C. D'Amato, D. Volpatti, M. Granier, M. Stebel, F. Cavalli, B. Canavese
"Dorsal arthrodesis in prepubertal New Zealand White rabbits followed to skeletal maturity: effect on thoracic dimensions, spine growth and neural elements"
Indian J Orthop 2010; 44: 14-22
- 27) F. Canavese, A. Kaelin
"Adolescent Idiopathic Scoliosis: trends, indications and efficacy of non-operative and operative treatments"
European Musculoskeletal Review 2010; 5: 45-48
- 28) F. Canavese, J. Wright, W. Cole, S. Hopyan
"Unicameral Bone Cysts: comparison of percutaneous curettage, steroid and autologous bone marrow injections"
J Pediatr Orthop 2011; 31: 50-55
- 29) G. De Coulon, K. Turcot, F. Canavese, R. Dayer, A. Kaelin, D. Ceroni
"Talonavicular arthrodesis for the treatment of neurologic flat foot deformity in pediatric patients: clinical and radiologic evaluation of 29 feet"
J Pediatr Orthop 2011; 31: 557-563
- 30) F. Canavese, JI. Krajbich
"Resection of plexiform neurofibromas in children with Neurofibromatosis type-I"
J Pediatr Orthop 2011; 31: 303-11
- 31) F. Canavese, A. Dimeglio
"Preoperative planning for correction of sagittal plane deformities of the spine"
Minerva Ortop Traumatol 2011; 62: 413-421
- 32) F. Canavese, B. Vargas Barreto, A. Kaelin, G. De Coulon
"Onset of developmental dysplasia of the hip during clubfoot treatment: report of two cases and review of patients with both deformities followed at a single institution"
J Pediatr Orthop B 2011; 20: 152-156
- 33) A. Dimeglio, F. Canavese
"Imaging in Legg-Perthes-Calvé disease"
Orthop Clin North Am 2011; 42: 297-302
- 34) A. Dimeglio, F. Canavese, P. Charles
"Growth and Adolescent Idiopathic Scoliosis: when and how much?"
J Pediatr Orthop 2011; 31: S28-S36
- 35) F. Canavese, K. Turcot, J. Holveck, A. Dahl Farhoumand, A. Kaelin
"Changes of concave and convex rib-vertebral angle, angle difference and angle ratio in patients with right thoracic adolescent idiopathic scoliosis"
Eur Spine J 2011; 20: 129-134
- 36) F. Canavese, K. Turcot, V. DeRosa, G. De Coulon, A. Kaelin

“Cervical spine sagittal alignment variations following posterior fusion and instrumentation for adolescent idiopathic scoliosis”

Eur Spine J 2011; 20: 1141-1148

37) F. Canavese, J. Holveck, G. De Coulon, A. Kaelin
“Analysis of concave and convex rib-vertebral angle, angle difference and angle ratio in patients with Lenke type 1 main thoracic adolescent idiopathic scoliosis treated by observation, bracing or posterior fusion and instrumentation”

J Spinal Disorders & Techniques 2011; 24: 506-513

38) F. Canavese, A. Kaelin
“Adolescent idiopathic scoliosis: indications and efficacy of non-operative treatment”
Indian J Orthop 2011; 45: 7-14

39) A. Dimeglio, F. Canavese
“The growing spine. How spinal deformities influence normal thorax and spine growth”
Eur Spine J 2012; 21: 64-70

40) A. Dimeglio, F. Canavese
“The french functional physical therapy method for the treatment of congenital clubfoot”
J Pediatr Orthop B 2012; 21: 28-39

41) A. Comin, V. Zufferli, T. Peric, F. Canavese, D. Barbetta, A. Prandi
“Hair cortisol levels determined at different body sites in the New Zealand White rabbit”
World Rabbit Science 2012; 20(3): 149-154

42) H. Shah, M. Rousset, F. Canavese
“Congenital pseudarthrosis of the tibia: diagnosis, treatment and possible complications”
Indian J Orthop 2012; 46 (6): 116-126

43) G. Villatte, R. Erivan, D. Mondon, F. Canavese
“A case of chronic osteomyelitis after flexible intramedullary nailing in 14 years old boy”
Eur J Orthop Surg Traumatol 2012; 22 (1S): S167-S171

44) F. Canavese, A. Dimeglio, M. Stebel, M. Galeotti, B. Canavese, F. Cavalli
“Thoracic Cage Plasticity in prepubertal New Zealand White Rabbits Submitted to T1-T12 Dorsal Arthrodesis: Computed Tomography Evaluation, Echocardiographic Assessment and Cardio-pulmonary Measurements”
Eur Spine J 2013; 22(5): 1101-1112

45) S. Millerieux, M. Rousset, F. Canavese
“Pyogenic tenosynovitis of the flexor hallucis longus in a healthy 11-year-old boy: a case report and review”
Eur J Orthop Surg Traumatol 2013; 23(2): S311-S315

46) A. Dimeglio, F. Canavese
“Progression or not progression? How to deal with Adolescent Idiopathic Scoliosis during puberty”
J Child Orthop 2013; 7(1): 43-49

47) F. Canavese, M. Rousset, A. Samba, G. de Coulon
“Percutaneous pelvic osteotomy in cerebral palsy patients: surgical indications and technique”
World J Orthop 2013; 4(4): 279-286

48) F. Canavese, H. Gomez, A. Kaelin, D. Ceroni, G. de Coulon
“Percutaneous pelvic osteotomy and intertrochanteric varus shortening osteotomy in non-ambulatory GMFCS level IV and V cerebral palsy patients. Preliminary report on 30 operated hips”
J Pediatr Orthop B 2013; 22 (1): 1-7

49) F. Canavese, A. Dimeglio
“Normal and abnormal spine and thoracic cage development”
World J Orthop 2013; 4(4): 167-174

50) A. Dimeglio, F. Canavese
“Management of resistant, relapsed and neglected clubfoot”
Curr Orthop Practice 2013; 24(1): 34-42

- 51) F. Canavese, M. Rousset, B. Le Gledic, A. Samba, A. Dimeglio
"Surgical advances on treatment of neuromuscular scoliosis"
World J Orthop 2014; 5(2): 124-133
- 52) F. Canavese, A. Samba, A. Khan, P. Dechelotte, J.I. Krajchich
"Rotationplasty as a salvage of failed primary limb reconstruction. Up to date review and case report"
J Pediatr Orthop B 2014; 23(3): 247-253
- 53) F. Canavese, G. de Coulon
"Ostéotomie Pelvienne Percutanée chez l'enfant paralysé cérébral non marchant: technique chirurgicale"
Rev Chir Orthop 2014; 100(3): 249-253
"Percutaneous pelvic osteotomy in non- ambulatory cerebral palsy patients: surgical technique"
Orthop Traumatol Surg Res 2014; 100(3): 249-253
- 54) M. Cravino, F. Canavese, V. de Rosa, L. Marengo, A. Samba, M. Rousset, M. Mansour-Khamallah, A. Andreacchio
"Outcome of displaced distal tibial metaphyseal fractures in children between 6 and 15 years of age treated by elastic stable intramedullary nails"
Eur J Orthop Surg Traumatol 2014; 24: 1603-1608
- 55) A. Khan, L. Athlani, M. Rousset, A. Samba, F. Canavese
"Functional results of proximal displaced humerus fractures in children treated by elastic stable intramedullary nail"
Eur J Orthop Surg Traumatol 2014; 24: 165-172
- 56) F. Canavese, L. Athlani, L. Marengo, M. Rousset, N. Rouel-Rabiau, A. Samba, A. Andreacchio
"Evaluation of upper extremity function following surgical treatment of displaced proximal humerus fractures in children"
J Pediatr Orthop B 2014; 23(2): 144-149
- 57) F. Canavese, A. Dimeglio, D. Barbetta, B. Pereira, S. Fabbro, F. Bassini, B. Canavese
"Effect of thoracic arthrodesis in prepubertal New Zealand white rabbits on cardio-pulmonary function"
Indian J Orthop 2014; 48(2): 184-192
- 58) M. Gauthé, D. Mestas, F. Canavese, A. Samba, F. Cachin
"Differential diagnosis of trampoline fracture from osteomyelitis by bone scan with pinhole collimator"
Ann Nucl Med 2014; 28(2): 163-166
- 59) C. Bosh, C. Assi, D. Louahem, F. Alkar, P. Mazeau, C. Delfour, F. Canavese, O. Prodhomme, J. Cottalorda
"Diagnosis and surgical treatment of dysplasia epiphysealis hemimelica. A report of nine cases"
Orthop Traumatol Surg Res 2014; 100(8): 941-946
- 60) F. Canavese, YP. Charles, A. Dimeglio, S. Schuller, A. Samba, M. Rousset, J-P Steib
"A comparison of the simplified olecranon and digital methods of assessment of skeletal maturity during the pubertal growth spurt"
J Bone Joint Surgery 2014; 96(11): 1556-1560
- 61) A. Khan, A. Samba, B. Pereira, F. Canavese
"Anterior Dislocation Of The Shoulder In Skeletally Immature Patients: Comparison Between Non-Operative Treatment Versus Open Latarjet's Procedure"
J Bone Joint Surgery 2014; 96(3): 349-354
- 62) F. Canavese, A. Samba, A. Dimeglio, M. Mansour, M. Rousset
"Serial elongation-derotation-flexion casting for children with early-onset scoliosis"
World J Orthop 2015; 6(11): 935-943
- 63) M. Filaire, M. Rousset, B. Bouillet, J. Brehant, M. Tardy, F. Canavese, S. Descamps, G. Galvaing
"Posterior sternoclavicular joint dislocation in adolescents and young adults treated by surgical stabilization with posterior reinforcement"
J Chirurgie Thoracique et Cardio-vasculaire 2015; 19(1): 32-36
- 64) L. Marengo, F. Canavese, M. Cravino, V. de Rosa, M. Rousset, A. Samba, M. Mansour, A. Andreacchio
"Outcome of displaced fractures of the distal metaphyseal-diaphyseal junction of the humerus in children treated with elastic stable intramedullary nails"
J Pediatr Orthop 2015; 35(6): 611-616

- 65) Y. Gorce, G. Moreau-Pernet, M. Mansour, F. Canavese, A. Dimeglio
Kinésithér Scient 2016; 582: 5-14
- 66) F. Canavese, A. Botnari, A. Dimeglio, A. Samba, B. Pereira, A. Gerst, M. Granier, M. Rousset, J. Dubousset
"Serial elongation, derotation and flexion (EDF) casting under general anesthesia and neuromuscular blocking drugs improve outcome in patients with juvenile scoliosis: preliminary results"
Eur Spine J 2016; 25(2): 487-494
- 67) F. Canavese, M. Rousset, A. Samba, M. Mansour, A. Dimeglio
"Serial elongation, derotation and flexion (EDF) casting in patients with infantile and juvenile scoliosis"
Minerva Pediatrica 2016; 68(1): 56-65
- 68) S. Aubret, T. Lecomte, M. Mansour, M. Rousset, A. Andreacchio, B. Pereira, P. Charles, F. Canavese
"Risk of infection and secondary displacement in pediatric supracondylar or lateral condyle fractures treated with unburred Kirchner-wires removed before complete bone healing"
J Pediatr Orthop B 2016; 26(3): 222-226
- 69) M. Rousset, M. Mansour, A. Samba, B. Pereira, F. Canavese
"Risk factors for re-fracture in children with diaphyseal fracture of the forearm treated with elastic stable intramedullary nailing"
Eur J Orthop Surg Traumatol 2016; 26(2): 145-152
- 70) T. Peric, A. Comin, M. Corrazzin, M. Montillo, F. Canavese, M. Stebel, A. Prandi
"Relocation and Hair Cortisol Concentrations in New Zealand White Rabbits"
J Appl Anim Welf Sci 2016; 20(1): 1-8
- 71) F. Canavese, A. Dimeglio, D. Barbetta, M. Galeotti, B. Canavese, F. Cavalli
"Radiologic and histological observations in experimental T1-T12 dorsal arthrodesis. A qualitative description of T1-T12 segment and other body parts involved, between prepubertal age and skeletal maturity"
Indian J Orthop 2016; 50 (5): 558-566
- 72) F. Canavese, A. Samba, M. Rousset
"Fractures pathologiques chez l'enfant: diagnostic et conduite à tenir"
Rev Chir Orthop 2016; 102(1 Suppl): S149-159
"Pathologic fractures in children: diagnosis and treatment option"
Orthop Traumatol Surg Res 2016; 102(1 Suppl): S149-159
- 73) M. Corradin, L. Marengo, A. Andreacchio, M. Paonessa, V. Giacometti, A. Samba, M. Rousset, F. Canavese
"Outcome of isolated olecranon fractures in skeletally immature patients: comparison of open reduction and tension band wiring fixation versus closed reduction and percutaneous screw fixation"
Eur J Orthop Surg Traumatol 2016; 26(5): 469-476
- 74) L. Compagnone, R. Ghazal, F. Canavese
"Minimally displaced distal radius fracture treated with closed reduction and percutaneous fixation resulting in a iatrogenic Galeazzi lesion"
J Hand Microsurg 2016; 8(3): 165-169
- 75) F. Canavese, L. Marengo, A. Samba, M. Rousset, M. Mansour, A. Andreacchio, A. Dimeglio
"Evaluation of upper extremity function of displaced diaphyseal humeral fractures in children treated by Elastic Stable Intramedullary Nailing. Preliminary results"
J Pediatr Orthop B 2016; 25(5): 399-405
- 76) L. Marengo, M. Paonessa, A. Andreacchio, A. Dimeglio, A. Potenza, F. Canavese
"Displaced tibia shaft fractures in children treated by elastic stable intramedullary nailing: results and complications in children weighing 50 kg (110 lb) or more"
Eur J Orthop Surg Traumatol 2016; 26(3): 311-317
- 77) L. Marengo, M. Rousset, M. Paonessa, S. Vanni, A. Dimeglio, A. Samba, A. Andreacchio, F. Canavese
"Displaced humeral shaft fractures in children and adolescents. Results and adverse effects in patients treated by elastic stable intramedullary nailing"
Eur J Orthop Surg Traumatol 2016; 26(5): 453-459
- 78) F. Canavese, A. Botnari, A. Andreacchio, L. Marengo, A. Samba, A. Dimeglio, B. Pereira, M. Mansour, M. Rousset

"Displaced tibial shaft fractures with intact fibula in children: nonoperative management versus operative treatment with elastic stable intramedullary nailing"

J Pediatr Orthop 2016; 36(7): 667-672

- 79) A. Andreacchio, L. Marengo, F. Canavese
"Condensing osteitis of the clavicle in children"
World J Orthop 2016; 7(8): 494-500

- 80) F. Canavese, L. Marengo, A. Andreacchio, M. Mansour, M. Paonessa, M. Rousset, A. Samba, A. Dimeglio
"Complications of elastic stable intramedullary nailing for displaced diaphyseal fractures of the femur in children weighing 50 kg (110 pounds) and more"
Int Orthop 2016; 40(12): 2627-2634

- 81) A. Andreacchio, L. Marengo, F. Canavese, L. Pedretti, A. Memeo
"Comparison between external fixation and elastic stable intramedullary nailing for the treatment of femoral shaft fractures in children younger than 8 years of age"
J Pediatr Orthop B 2016; 25(5): 471-477

- 82) F. Canavese, A. Khan
"Chronic Osteomyelitis in Children Treated with Antibiotic-Laden Cement: A Preliminary Report"
Jostarhay Shahsazi 2016; 2 (J Orthop Spine Trauma 2016; 2(2): e5283

- 83) M. Corradin, F. Canavese, A. Dimeglio, J. Dubousset
"Cervical sagittal alignment variations in adolescent idiopathic scoliosis patients treated with thoraco-lumbo-sacral orthosis"
Eur Spine J 2017; 26(4): 1217-1224

- 84) YP Charles, A. Marcoul, M. Schaeffer, F. Canavese, A. Dimeglio
"Three-dimensional and volumetric thoracic growth in children with moderate idiopathic scoliosis compared with normal"
J Pediatr Orthop B 2017; 26(3): 227-232

- 85) F. Canavese, M. Mansur, G. Moreau-Pernet, Y. Gorce, A. Dimeglio
"The Hybrid Method for the treatment of Congenital Talipes Equinovarus: preliminary results on 92 consecutive feet"
J Pediatr Orthop B 2017; 26(3): 197-203

- 86) M. Corradin, R. Schiavon, A. Borgo, J. Deslandes, A. Cersosimo, F. Canavese
"The effects of uninvolved side epiphysiodesis for limb length equalization in children with unilateral cerebral palsy: clinical evaluation with the Edinburgh visual gait score"
Eur J Orthop Surg Traumatol 2017; 28(5): 977-984

- 87) A. Dimeglio, D. Ceroni, YP Charles, V. De Rosa, P. Kelly, A. Presedo, F. Canavese
"The Montpellier School of Pediatric Orthopedics: with the children, by the children, for the children"
J Pediatr Orthop B 2017; 26(3): 195-196

- 88) F. Canavese, M. Corradin, A. Khan, M. Mansour, M. Rousset, A. Samba
"Successful treatment of chronic osteomyelitis in children with debridement, antibiotic-laden cement spacer and bone graft substitute"
Eur J Orthop Surg Traumatol 2017; 27(2): 221-228

- 89) A. Andreacchio, F. Alberghina, V. Giacometti, L. Marengo, F. Canavese
"Single-stage surgery using calcium sulfate pellets in association with tumor resection as treatment for intraosseous hemangioma of the radius shaft in a twoyear-old boy"
J Hand Microsurg 2017; 9(3): 154-158

- 90) F. Canavese, YP. Charles, A. Samba, A. Dimeglio
"Safety and Efficacy of Sublaminar Bands and Ponte osteotomies in Rigid Deformity. Preliminary Results in a Prospective Series of 20 Neuromuscular Scoliosis Patients"
J Pediatr Orthop B 2017; 26(3): 233-239

- 91) F. Canavese, P. Dmitriev, J. Deslandes, A. Samba, A. Dimeglio, M. Mansour, M. Rousset, J. Dubousset
"Rod migration into the spinal canal following posterior instrumented fusion causing late-onset neurologic symptoms"
J Pediatr Orthop 2017; 37(1): e10-e14

- 92) F. Canavese, L. Marengo, G. De Coulon
"Results and complications of percutaneous pelvic osteotomy and intertrochanteric varus shortening osteotomy in 54 consecutively operated GMFCS level IV and V cerebral palsy patients"
Eur J Orthop Surg Traumatol 2017; 27(4): 513-519
- 93) F. Canavese, L. Marengo, A. Tiris, M. Mansour, M. Rousset, A. Samba, A. Andreacchio, A. Dimeglio
"Radiological, clinical and functional evaluation using the Quick Disabilities of the Arm, Shoulder and Hand questionnaire of children with medial epicondyle fractures treated surgically"
Int Orthop 2017; 41(7): 1447-1452
- 94) F. Canavese, L. Marengo, M. Cravino, V. Giacometti, B. Pereira, A. Dimeglio, C. Origo, A. Andreacchio
"Outcome of conservative versus surgical treatment of humeral shaft fracture in children and adolescents: comparison between non-operative treatment (Desault's bandage), external fixation and elastic stable intramedullary nailing"
J Pediatr Orthop 2017; 37(3): 156-163
- 95) YP Charles, F. Canavese, A. Dimeglio
"Curve progression risk in a mixed series of braced and non-braced patients with idiopathic scoliosis related to skeletal maturity assessment on the olecranon"
J Pediatr Orthop B 2017; 26(3): 240-244
- 96) L. Marengo, F. Canavese, M. Mansour, A. Dimeglio, F. Bonnel
"Clinical and radiological outcome of calcaneal lengthening osteotomy for flatfoot deformity in skeletally immature patients"
Eur J Orthop Surg Traumatol 2017; 27(7): 989-996
- 97) Y. Gorce, F. Canavese, A. Samba, M. Rousset, A. Dimeglio, J. Dubousset
"Interêt des séries de plâtres d'élongation, dérotation et flexion (EDF) chez des patients présentant une scoliose à début précoce"
Kinésithér Scient 2018; 595: 15-25
- 98) A. Andreacchio, L. Marengo, F. Canavese
"Solitary osteochondroma of the sinus tarsi"
J Pediatr Orthop B 2018; 27(1): 88-91
- 99) B. Yong, Z. Yuan, J. Li, Y. Li, EP Southern, F. Canavese, H. Xu
"Single-Bone Fixation versus Both-bone Fixation for Pediatric Unstable Forearm Fractures: A Systematic Review and Meta-Analysis"
Indian J Orthop 2018; 125(5): 529-535
- 100) F. Canavese, A. Dimeglio, F. Bonnel
"Postoperative CT-scan 3D reconstruction of the calcaneus following lateral calcaneal lengthening osteotomy for flatfoot deformity in children. Is the surgical procedure potentially associated with subtalar joint damage?"
Foot Ankle Surg 2018; 24(5): 453-459
- 101) B. Yong, Y. Lin J. Li, A. Andreacchio, V. Pavone, B. Pereira, H. Xu, F. Canavese
"Post-operative radiographs assessment of children undergoing closed reduction and spica cast immobilization for developmental dysplasia of the hip: does experience matter?"
Int Orthop 2018; 42(11): 2725-2731
- 102) A. Andreacchio, F. Alberghina, G. Testa, F. Canavese
"Surgical treatment for symptomatic non-ossifying fibromas of the lower extremity with calcium sulfate grafts in skeletally immature patients"
Eur J Orthop Surg Traumatol 2018; 28(2): 291-297
- 103) A. Andreacchio, F. Alberghina, L. Marengo, F. Canavese
"Pediatric tibia and femur fractures in patients weighing more than 50 kilograms (110 pounds). Mini-review on current treatment options and outcomes"
Musculoskel Surg 2018; 103(1): 23-30
- 104) V. Pavone, G. Testa, F. Isfan, A. Sessa, G. Sessa, F. Canavese
"Metachronous osteoid osteoma of the mid diaphysis and proximal metaphysis of the tibia: double localization at 5 years interval"
World Cancer Res J 2018; 5(2): e1087

- 105) T. Peric, A. Comin, M. Corazzin, M. Montillo, F. Canavese, M. Stebel, A. Prandi
"Hair cortisol concentrations in New Zealand White rabbits subjected to surgery"
Animal Welfare 2018; 27: 13-20
- 106) C. Guyonnet, A. Martins, L. Marengo, M. Mansour, M. Rousset, A. Samba, A. Dimeglio, F. Canavese
"Functional outcome of displaced radial head fractures in children treated by elastic stable intramedullary nailing"
J Pediatr Orthop B 2018; 27(4): 296-303
- 107) L. Marengo, A. Andreacchio, F. Alberghina, A. Dimeglio, F. Canavese
"Functional outcome of displaced intercondylar fractures of the humerus in children and adolescents"
J Pediatr Orthop B 2018; 27(2): 121-127
- 108) F. Canavese, YP Charles, A. Dimeglio
"Evaluation of kinematic changes of intervertebral discs and the space available for the cord"
Ann Transl Med 2018; 6 (Suppl. 1): S22
- 109) V. Pavone, C. De Cristo, G. Testa, F. Canavese, L. Lucenti, G. Sessa
"Does age affect outcome in children with clavicle fracture treated conservatively? QuickDash and MRC evaluation of 131 consecutive cases"
Minerva Pediatr 2023; 75(3): 339-346
- 110) F. Canavese, L. Marengo, M. Corradin, M. Mansour, A. Samba, M. Rousset, A. Andreacchio, A. Dimeglio
"Deep postoperative spine infection treated by negative pressure therapy in patients with progressive spinal deformities"
Arch Orthop Trauma Surg 2018; 138(4): 463-469
- 111) 周庆和, 黎艺强, 刘远忠, 陈伟东, 李敬春, F. Canavese, 徐宏文 - Q. Zhou, YQ Li, Y. Liu, W. Chen, JC Li, F. Canavese, H. Xu
"闭合复位动态石膏固定治疗儿童发育性髋关节脱位的疗效分析" - "Closed reduction and dynamic cast immobilization for children with developmental dysplasia of the hip"
Linchuang Xiaoe Waik Zazhi (J Clin Ped Surg) 2018; 17: 654-658
- 112) M. Rousset, M. Walle, L. Cambou, M. Mansour, A. Samba, B. Pereira, I. Ghanem, F. Canavese
"Chronic infection and infected non-union of the long bones in pediatric patients: preliminary results of bone versus beta-tricalcium phosphate grafting after induced membrane formation"
Int Orthop 2018; 42(2): 385-393
- 113) Y. Li, H. Xu, T. Slongo, Q. Zhou, Y. Liu, W. Chen, J. Li, F. Canavese
"Bernese-type triple pelvic osteotomy through a single incision in children over 5 years: a retrospective study of twenty-eight cases"
Int Orthop 2018; 42 (12): 2961-2968
- 114) Y. Li, Y. Guo, M. Li, Q. Zhou, Y. Liu, W. Chen, J. Li, F. Canavese, H. Xu, Multicenter Pediatric Orthopedic Study Group of China
"Acetabular index is the best predictor of late residual dysplasia after closed reduction in Developmental Dysplasia Hip"
Int Orthop 2018; 42(3): 931-940
- 115) V. De Rosa, M. Laurent, F. Canavese, L. Merlini
"A simple precocious, and reliable way to assess future clinical outcome in children with Perthes disease and mild femoral head involvement: correlation between MRI with diffusion-weighted and dynamic gadolinium-enhanced subtraction and Catterall and Herring classifications"
Eur J Orthopedic Surgery Traumatol 2018; 28: 1283-1290
- 116) A. Andreacchio, L. Marengo, F. Canavese
"Solitary osteochondroma of the sinus tarsi"
J Pediatr Orthop B 2018; 27(1): 88-91
- 117) YQ Li, M. Li, YM Guo, XT Shen, HB Mei, SY Chen, JF Shao, SP Tang, F. Canavese, H. Xu
"Traction does not decrease failure of reduction and femoral head avascular necrosis in patients aged 6 to 24 months with developmental dysplasia of the hip treated by closed reduction. Review of 385 patients and meta-analysis"

J Pediatr Orthop B 2019; 28(5): 436-441

- 118) A. Andreacchio, F. Alberghina, M. Paonessa, M. Cravino, V. De Rosa, F. Canavese
"Tobramycin-impregnated calcium sulphate pellets for the treatment of chronic osteomyelitis in children and adolescents"
J Pediatr Orthop B 2019; 28(3): 189-195
- 119) F. Canavese, A. Dimeglio, F. Bonnel, M. Corradin, B. Pereira, A. Marcoul, YP Charles
"Thoracic cage volume and dimension assessment by optoelectronic molding in normal children and adolescents during growth"
Surg Radiol Anat 2019; 41(3): 287-296
- 120) F. Canavese, D. Barbetta, B. Canavese, A. Dimeglio
"Gastrocnemius-Achilles' tendon-Calcaneus complex: different responses after pecutaneous versus Vulpius Achilles tendon lengthening in New Zealand White rabbits"
Indian J Orthop 2019; 53(2): 333-339
- 121) WT. Wang, YQ. Li, YM. Guo, M. Li, HB. Mei, JF. Shao, Z. Xiong, J. Li, F. Canavese, SY. Chen
"Risk factors for the development of avascular necrosis after femoral neck fractures in children: a review of 239 cases"
Bone Joint J 2019; Sep;101-B(9):1160-1167
- 122) A. Andreacchio, F. Alberghina, M. Paonessa, V. De Rosa, F. Canavese
"Response to 'Tobramycin-impregnated calcium sulfate pellets for the treatment of chronic osteomyelitis in children and adolescents: is the rationale of antibiotics use appropriate?' by Rajnish et al."
J Pediatr Orthop B 2019; 28(4): 416-417
- 123) Li YQ, Guo YM, Shen XT, Liu H, Mei HB, Xu H, F. Canavese
"Radiographic outcome of children older than 24 months with developmental dysplasia of the the treated by closed reduction and spica cast immobilization in human position: a review of 51 hips"
Int Orthop 2019; 43(6): 1405-1411
- 124) A. Andreacchio, F. Canavese, P. Farsetti
"The italian school of pediatric orthopedics: from origins to present days"
J Pediatr Orthop 2019; 28(3): 187-188
- 125) F. Canavese, F. Alberghina, A. Dimeglio, A. Andreacchio
"Le fratture extra-articolari della parte prossimale del femore nei bambini, trattate con inchiodamento endomidollare elastico"
Giornale Italiano Ortopedia Traumatologia 2019; 45 (Supp. 1): S1-S5
- 126) WZ. Zhou, F. Canavese, L. Zhang, L. Li
"Functional outcome of the elbow in toddlers with transphyseal fracture of the distal humerus treated surgically"
J Child Orthop 2019; 13: 47-56
- 127) Z. Yuan, H. Xu, YQ Li, J. Li, Y. Liu, F. Canavese
"Functional and radiological outcome in patients with acute Monteggia fracture treated surgically: a comparison between closed reduction and external fixation versus closed reduction and elastic stable intramedullary nailing"
J Pediatr Orthop B 2019; Sep 2020; 29 (5): 438-444
- 128) K. Hong, Z. Yuan, J. Li, Y. Li, X. Zhi, Y. Liu, H. Xu, F. Canavese
"Femoral anteversion does not predict redislocation in children with hip dysplasia treated by closed reduction"
Int Orthop 2019; 43(7): 1635-1642
- 129) F. Alberghina, A. Andreacchio, M. Cravino, M. Paonessa, F. Canavese
"Extra-articular proximal femur fractures in children and adolescents treated by Elastic Stable Intramedullary Nailing"
Int Orthop 2019; 43: 2849-2856
- 130) J. Li, B. Yong, Y. Li, F. Xun, F. Canavese, H. Xu

- "Eosinophilic Granuloma of the thumb presenting in a 4-month-old child: case report and review of the literature"
J Hand Microsurg 2019; 11(3): 160-165
- 131) V. Pavone, A. Vescio, F. Canavese, D. Costa, G. Sessa, G. Testa
"Effects of body weight on the clinical and radiological outcomes of children with flexible flatfeet managed with the "calcaneo-stop procedure"
J Pediatr Orthop B 2019; 28(3): 228-234
- 132) YQ Li, X. Lin, Y. Liu, J. Li, B. Pereira, F. Canavese, H. Xu
"Effect of age on radiographic outcome of patients aged 6 to 24 months with developmental dysplasia of the hip treated by closed reduction"
J Pediatr Orthop B 2020 ; 29(5): 431- 437
- 133) FX Xun, F. Canavese, H. Xu, A. Kaelin, YQ Li, A. Dimeglio
"Dynamic Three-Dimensional Reconstruction Of Thoracic Cage And Abdomen In Children And Adolescents With Scoliosis: Preliminary Results Of Optical Reflective Motion Analysis Assessment"
J Pediatr Orthop 2019; 2020; 40(4):196-202
- 134) A. Andreacchio, F. Alberghina, M. Cravino, F. Canavese
"Distacchi epifisari distali del femore"
Giornale Italiano Ortopedia Traumatologia 2019; 45 (Supp. 1): S1-S5
- 135) F. Alberghina, A. Andreacchio, F. Canavese
"Current concepts on humeral intercondylar fractures in children and adolescents
Minerva Ortop Traumatol 2019; 70(1): 19-26
- 136) A. Dimeglio, F. Canavese, A. Andreacchio, F. Alberghina
"Congenital clubfoot: from the Ponseti to the Fench Physical Therapy and «hybrid» methods with «surgery à la carte»"
Minerva Ortop Traumatol 2019; 70(1): 11-18
- 137) L. Ran, H. Chen, Y. Pan, Q. Lin, F. Canavese, S. Chen
"Comparison between the Pavlik harness and the Tübingen hip flexion splint for the early treatment of developmental dysplasia of the hip"
J Pediatr Orthop B 2019; 2020 Sep; 29(5): 424-430.
- 138) Y. Li, Q. Zhou, Y. Liu, W. Chen, J. Li, F. Canavese, H. Xu
"Closed Reduction and Dynamic Cast Immobilization in Patients with Developmental Dysplasia of the Hip Between 6 and 24 Months of Age"
Eur J Orthop Surg Traumatol 2019; 29(1): 51-57
- 139) YH. Liu, HW. Xu, YQ Li, K. Hong, JC. Li, B. Pereira, FX. Xun, F. Canavese
"Effect of abduction on Avascular Necrosis of the femoral epiphysis in patients with late-detected Developmental Dysplasia of the Hip treated by closed reduction: a MRI study of 59 hips"
J Child Orthop 2019;13(5): 438-444.
- 140) V. Pavone, A. Vescio, L. Lucenti, E. Chisari, F. Canavese, G. Testa
"Analysis of loss of reduction as risk factor for additional secondary displacement in children with displaced distal radius fractures treated conservatively"
Orthop Traumatol Surgery Res 2019; 106 (1): 193-198
- 141) Z. Yuan, HW Xu, YZ Liu, YQ Li, JC Li, F. Canavese
"The use of external fixation for the management of acute and chronic Monteggia fractures in children"
J Child Orthop 2019; 13(6): 551-559
- 142) W. Wang, F. Canavese, R. Lin, Y. Pan, D. Huang, Z. Xiong, S. Chen
"Clinical, radiographic and pedobarographic analysis of skeletally immature patients with surgically treated distal metaphyseal fractures of the tibia: is concomitant fixation of the fibula necessary?"
J Pediatr Orthop B 2020; 29(5): 490-498

- 143) YQ. Li, H. Liu, YM. Guo, H. Xu, FX. Xun, YH. Liu, Z. Yuan, JC. Li, B. Pereira, F. Canavese, Chinese Multicenter Pediatric Orthopaedic Study Group (CMPOS)
"Variables influencing the pelvic radiologic evaluation in children with developmental dysplasia of the hip managed by closed reduction: a multicenter investigation"
Int Orthop 2020; 44: 511-518
- 144) R. Gui, F. Canavese, S. Liu, L. Li, L. Zhang, Q. Li
"The potential role of the Alsberg angle as a predictor of lateral growth disturbance of the capital femoral epiphysis in children with developmental dysplasia of the hip treated by closed reduction"
J Child Orthop 2020; 14(2): 106-111
- 145) A. Dimeglio, F. Canavese
"The immature spine: growth and idiopathic scoliosis"
Ann Transl Med 2020; 8: 22-28
- 146) F. Canavese, A. Samba
"Sublaminar polyester bands for the correction of idiopathic and neuromuscular scoliosis"
Ann Transl Med 2020; 8: 32-39
- 147) F. Canavese, A. Dimeglio
"Serial EDF casting for the treatment of infantile and juvenile deformities"
Ann Transl Med 2020; 8: 24-31
- 148) YQ. Li, W. Hu, FX. Xun, XM. Lin, JC. Li, Z. Yuan, YH. Liu, F. Canavese, HW. Xu
"Risk factors associated with unsatisfactory hip function in children with late-diagnosed developmental dislocation of the hip treated by open reduction"
Orthop Traumatol Surgery Res 2020; 106(7): 1373-1381
- 149) Z. Yuan, HW Xu, YZ Liu, YQ Li, JC Li, F. Canavese
"Response to comments on Yuan et al: The use of external fixation for the management of acute and chronic Monteggia fractures in children"
J Child Orthop 2020; 14(2): 152-153
- 150) F. Canavese, F. Alberghina, A. Dimeglio, A. Andreacchio
"Proximal humerus fractures in children and adolescents"
Minerva Orthopedics 2021; 72(1): 7-14
- 151) Z. Yuan, Y. Li, K. Hong, J. Wu, F. Canavese, H. Xu
"Poor delineation of labrum and acetabular surface on arthrogram is a predictor of early failure of closed reduction in children aged six to 24 months with developmental dysplasia of the hip"
J Child Orthop 2020; 14(5): 372-378.
- 152) X. Ly, H. Xu, L. Feng, W. Liu, F. Canavese
"Origins and development of pediatric orthopedic surgery in China"
J Pediatr Orthop B 2020; 29(5): 415-416
- 153) G. de Coulon, F. Canavese, A. Bonnefoy-Mazure, S. Armand, L. Merlini
"MRI changes in calf muscles of two children with cerebral palsy following Botulinum Toxin Type A injections: a preliminary report"
J Pediatr Orthop B 2022; 31(1): e81-e84
- 154) F. Canavese, P. Castañeda, J. Hui, LY. Li, YQ. Li, A. Roposch
"Luxation congénitale de hanche: promouvoir les échanges scientifiques internationaux pour mieux comprendre la pathologie et améliorer les soins aux patients"
Rev Chir Orthop Traumatol 2020; 106(7): 769-771
"Developmental dysplasia of the hip: Promoting global exchanges to enable understanding the disease and improve patient care"
Orthopedic Traumatol Surgery Res 2020; 106(7): 1243-1244
- 155) F. Canavese, F. Alberghina, M. Cravino, M. Paonessa, A. Dimeglio, A. Andreacchio

"Intraoperative Issues and Clinical and Radiographic Outcomes of Femur Fractures Treated With Flexible Nails: A Comparison of Cases Utilizing Skeletal Traction and a Traction Table to Cases Using Manual Traction Only"
J Pediatr Orthop 2020; 40: e676-e682

156) W. Wang, Y. Li, Y. Guo, M. Li, H. Mei, J. Shao, Z. Xiong, J. Li, F. Canavese, S. Chen, Chinese Multicenter Pediatric Orthopedic Study Group (CMPOS)

"Initial displacement as a risk factor for avascular necrosis of the femoral head in pediatric femoral neck fractures: a review of one hundred eight cases"
Int Orthop 2020; 44: 129-139

157) F. Canavese
"Idiopathic scoliosis"
Ann Transl Med 2020; 8: 21-22

158) S. Pierantoni, F. Alberghina, M. Cravino, M. Paonessa, F. Canavese, A. Andreacchio
"Functional and radiographic outcomes of Gartland type II supracondylar humerus fractures managed by closed reduction under nitrous oxide as conscious sedation"
J Pediatr Orthop B 2020; 29: 117-125

159) XW. Zhi, F. Canavese, YQ. Li, HW. Xu
"Fractures of the base of the proximal phalanx in children: comparison between cast immobilization and Kirschner-wire fixation"
J Pediatr Orthop B 2021; 30(4): 358-363

160) J. Li, Y. Liu, Y. Li, Z. Yuan, H. Xu, F. Canavese
"Early radiographic changes in the lateral talocalcaneal angle following Achilles tenotomy in children with idiopathic clubfoot"
Foot Ankle Int 2020; 41: 350-355

161) JP. Wu, Z. Yuan, JC. Li, MW. Zhu, F. Canavese, FX. Xun, YQ. Li, HW. Xu
"Does the size of the femoral head correlate with the incidence of avascular necrosis of the proximal femoral epiphysis in children with developmental dysplasia of the hip treated by closed reduction?"
J Child Orthop 2020; 14(3): 175-183

162) F. Canavese, F. Alberghina, A. Dimeglio, V. Pavone, A. Andreacchio
"Displaced distal femur metaphyseal fractures: clinical and radiographic outcome in children aged 6 to 16 years treated by elastic stable intramedullary nailing"
J Pediatr Orthop B 2021; 30(5): 415-422

163) F. Alberghina, A. Andreacchio, M. Cravino, A. Dimeglio, F. Canavese
"Displaced diaphyseal tibia fracture managed by elastic stable intramedullary nailing with or without the use of intraoperative traction table during nail insertion: a comparative analysis of 160 patients"
J Pediatr Orthop B 2021; 30(5): 431-437

164) V. Pavone, G. Testa, A. Vescio, T. Wirth, A. Andreacchio, F. Accadbled, F. Canavese
"Diagnosis and treatment of flexible flatfoot: Results of 2019 Flexible Flatfoot Survey from the European Pediatric Orthopedic Society"
J Pediatr Orthop B 2021; 30(5): 450-457

165) A. Tabard-Fougère, F. Canavese, C. Steiger, G. de Coulon
"Complications of intrathecal Baclofen pump treatment in children with spastic cerebral palsy. A comparative analysis of patients weighting over or under 20 kg at the time of implantation"
J Pediatr Orthop B 2022; 31(2): 202-207

166) P. Domenech-Fernandez, J. Yamane, J. Domenech, C. Barrios, F. Soldado-Carrera, J. Knorr, F. Canavese
"Analysis of skull bone thickness during growth: an anatomical guide for safe pin placement in halo fixation"
Eur Spine J 2021; 30(2): 410-415

167) V. Pavone, A. Vescio, L. Lucenti, E. Chisari, F. Canavese, G. Testa

"Analysis of loss of reduction as risk factor for additional secondary displacement in children with displaced distal radius fractures treated conservatively"

Orthop Traumatol Surg Res 2020; 106: 193-198

168) PWH. Cheung, F. Canavese, KDK. Luk, JPY. Cheung

"An insight of how multiple skeletal maturity indices can be used for growth assessment: relationship between the simplified olecranon, simplified digital, and distal radius and ulna classifications"

J Pediatr Orthop B 2021; 30(4): 371-380

169) F. Canavese, M. Mansour, L. Souchon, A. Samba, A. Dimeglio

"The 'Hybrid method' for the treatment of congenital clubfoot"

Ann Transl Med 2021; 9(13): 1099

170) S. Monforte, F. Alberghina, M. Paonessa, F. Canavese, A. Andreacchio

"Synthetic Cast Material Versus Plaster of Paris for the Treatment of Idiopathic Clubfoot by the Ponseti Protocol: A Comparative Analysis of 132 Feet"

J Ped Orthop 2021; 41(5): 296-300

171) V. Pavone, A. Vescio, A. Caldaci, A. Culmone, M. Sapienza, M. Rabito, F. Canavese, G. Testa

"Sport ability during walking age in clubfoot children after Ponseti method: a case-series study"

Children 2021; 8(3): 181

172) W. Wang, Y. Li, Y. Guo, M. Li, H. Mei, Z. Xiong, J. Shao, J. Li, S. Chen, F. Canavese

"Risk factors for premature proximal femur physeal closure after femoral neck fractures in children treated surgically"

Zhonghua Guke Zazhi 2021; 41: 76-83

173) F. Xun, F. Canavese, H. Xu, FL. Xu, Y. Li, Y. Liu, A. Kaelin, A. Dimeglio

"Preliminary evaluation of sagittal and transverse plane cross-sectional variations of the trunk during quiet and deep breathing by optical reflective motion analysis in patients with scoliosis"

J Pediatr Orthop B 2022; 31(1): 78-86

174) F. Canavese, A. Dimeglio

"Clinical examination and classification systems of congenital clubfoot: a Narrative Review"

Ann Trans Med 2021; 9 (13): 1097

175) Y. Lu, F. Canavese, R. Lin, W. Wang, X. Zhang, S. Chen

"Does the management of osteofibrous dysplasia of the tibia and fibula in children should be tailored to the extent and location of the lesion? A case control study investigating different surgical options"

Orthop Traumatol Surg Res 2023; 109(3): 102888

176) F. Canavese

"How to become Pediatric Orthopedic surgeon in Europe: a long journey offering a unique career, full of satisfactions"

Chinese Journal of Bone and Joint 2021; 10 (3): 163-166

177) F. Alberghina, F. Canavese, A. Andreacchio

"Humeral shaft fractures in children and adolescents"

Minerva Orthopedics 2021; 72(1):15-23

178) X. Zhi, D. Xie, H. Yang, K. Hong, W. Chen, H. Xu, F. Canavese, Q. Zhou

"Clinical characteristics and distribution of paediatric hand fractures at a tertiary hospital in South China: a retrospective analysis"

J Pediatr Orthop B 2022; 31(5): 479-485

179) J. Li, Y. Li, H. Xu, F. Canavese

"Clubfoot treatment in China before and after the advent of the Ponseti technique: a historical narrative review"

Ann Transl Med 2021; 9(13): 1107

180) F. Monget, E. Nectoux, D. Fron, F. Canavese

"Traitement des scolioses infantiles et juvéniles par corsets plâtrés : état des lieux, techniques et perspectives"

Al-Majallah Al-Tibbiyah Al-Lubnaniyah / J Med Liban 2021; 69 (2): 126-136

- 181) A. Andreacchio, F. Alberghina, S. Monforte, A. Dimeglio, F. Canavese
"Clubfoot: current concept of treatment"
Genij Ortopedii 2021; 27 (4): 431-434
- 182) G. Lucchesi, R. Sacco, W. Zhou, YQ. Li, F. Canavese
"DDH in the Walking Age: Review of Patients with Long-Term Follow-Up"
Indian J Orthop 2021; 55(6): 1503-1514
- 183) JP. Wu, Z. Yuan, JC. Li, MW. Zhu, F. Canavese, Z. Fuxing, YQ. Li, HW. Xu HW
"Does the vascular development of the femoral head correlate with the incidence of avascular necrosis of the proximal femoral epiphysis in children with developmental dysplasia of the hip treated by closed reduction?"
J Child Orthop 2021; 15: 395-401
- 184) Y. Liu, F. Canavese, Y. Li, K. Hong, J. Li, F. Xun, H. Xu, et al.
"Dynamic versus static cast immobilization in children aged 6 to 24 month with developmental dysplasia of the hip treated by closed reduction"
Minerva Pediatr 2024; 76(5): 619-626
- 185) W. Wang, Y. Li, Z. Xiong, Y. Guo, M. Li, H. Mei, J. Shao, J. Li, F. Canavese, S. Chen
"Effect of the Number, Size, and Location of Cannulated Screws on the Incidence of Avascular Necrosis of the Femoral Head in Pediatric Femoral Neck Fractures: A Review of 153 Cases"
J Pediatric Orthop 2022; 42(3): 149-157
- 186) F. Canavese, F. Alberghina, A. Andreacchio, A. Dimeglio
"Effectiveness of serial EDF casting for children with infantile and juvenile scoliosis"
Minerva Orthopedics 2021; 72: 270-278
- 187) F. Xu, F. Canavese, F. Liang, Y. Li, F. Xun, W. Shi, H. Xu
"Effects of posterior hemivertebra resection and short segment fusion on the evolution of sagittal balance in children with congenital scoliosis"
J Pediatr Orthop B 2022; 31(1): 64-71
- 188) F. Canavese, A. Dimeglio
"Idiopathic clubfoot: past, present and future"
Ann Translat Med 2021; 9(13): 1094
- 189) F. Canavese, F. Alberghina, A. Dimeglio, A. Andreacchio
"Proximal humerus fractures in children and adolescents"
Minerva Orthopedics 2021; 72: 8-14
- 190) H. Deng, H. Mei, E. Wang, Q. Li, L. Zhang, F. Canavese, L. Li
"The association between fibular status and frontal plane tibial alignment postunion in congenital pseudarthrosis of the tibia"
J Child Orthop 2021; 15(3): 261-269
- 191) A. Fournier, F. Monget, C. Ternynck, D. Fron, A. Mezel, B. Herbaux, F. Canavese, E. Nectoux
"Comparison between anterior cuneiform osteotomy and Dunn procedure in the surgical management of unstable severe slipped femoral epiphysis: a case-control study of 41 patients"
Orthop Traumatol Surgery Res 2022; 108(1): 103167
- 192) PWH. Cheung, F. Canavese, CYW. Chan, JSH. Wong, H. Shigematsu, KDK. Luk, JPY. Cheung
"The Utility of a Novel Proximal Femur Maturity Index for Staging Skeletal Growth in Patients with Idiopathic Scoliosis"
J Bone Joint Surgery (Am) 2022; 104(7): 630-640
- 193) A. Andreacchio, F. Alberghina, F. Canavese
"The advent of elastic stable intramedullary nailing for the treatment of long bone fractures in skeletally immature patients".

- 194) J. Li, F. Xun, Y. Li, Y. Liu, H. Xu, F. Canavese
"Three-dimensional gait analysis in children with recurrent idiopathic clubfoot undergoing complete tibialis anterior tendon transfer"
J Pediatr Orthop B 2022; 31(4): 397-406
- 195) X. Zhi, X. Xiao, Y. Wan, P. Wei, F. Canavese, H. Xu
"Tübingen hip flexion splint for the treatment of developmental dysplasia of the hip in children younger than six months age: a meta-analysis"
J Child Orthoped 2021; 15(4): 402-408
- 196) W. Wang, Z. Xiong, Y. Li, Y. Guo, M. Li, H. Mei, F. Canavese, S. Chen, Chinese Multicenter Pediatric Orthopedic Study Group
"Variables influencing radiological fracture healing in children with femoral neck fractures treated surgically: A review of 177 cases"
Orthop Traumatol Surgery Res 2022; 108(1): 103502
- 197) L. Colombo, V. Caretti, C. Vella, A. Pansini, F. Alberghina, F. Canavese, A. Andreacchio
"Vertebral body tethering as a treatment for adolescent scoliosis: one-year experience"
Minerva Orthopedics 2021; 72: 322-327
- 198) V. Pavone, A. Vescio, A. Andreacchio, A. Memeo, C. Gigante, L. Lucenti, P. Farsetti, F. Canavese, B. Moretti, G. Testa, M. De Pellegrin
"Results of the Italian Pediatric Orthopedics Society juvenile flexible flatfoot survey: diagnosis and treatment options"
J Pediatr Orthop B 2022; 31(1): e17-e23
- 199) N. Mainard, D. Sharma, D. Fron, A. Mezel, F. Canavese, M. Bonneville, E. Nectoux
"Porous Ceramic Sternal Prosthesis Implantation in a 13-Year-Old Patient Presenting with Metastatic Ewing's Sarcoma"
European J Pediatr Surg Rep 2022;10:e1-e5
- 200) G. Lucchesi, F. Bonnel, J. Wartelle, N. Boutry, N. Orlando, A. Dimeglio, G. Beltrami, F. Canavese
"Anatomical characterization of the too-long anterior process of the calcaneum: a computed tomography scan analysis of 69 feet"
J Pediatr Orthop B 2023; 32(1): 47-53
- 201) J. Li, C. Xu, Y. Li, Y. Liu, H. Xu, F. Canavese
"Are early antero-posterior and lateral radiographs predictive of clubfoot relapse requiring surgical intervention in children treated by Ponseti method?"
J Child Orthopedic 2022; 16(1): 35-45
- 202) W. Zhou, W. Luo, D. Liu, F. Canavese, L. Li, Q. Zhao
"Fluoride increases the susceptibility of developmental dysplasia of the hip via increasing capsular laxity triggered by cell apoptosis and oxidative stress in vivo and in vitro"
Ecotoxicol Environ Saf 2022; 234: 113408
- 203) A. Vescio, G. Testa, M. Sapienza, A. Caldaci, M. Montemagno, A. Andreacchio, F. Canavese, V. Pavone
"Is Obesity a Risk Factor for Loss of Reduction in Children with Distal Radius Fractures Treated Conservatively?"
Children 2022; 9: 425-433
- 204) J. Wartelle, B. Hocqueta, G. Lucchesi, R. Coursier, N. Boutry, J-F. Budzik, D. Fron, S. Bourelle, E. Nectoux, F. Canavese
"The too-long anterior process and osteochondral lesion of the talus: Is there an anatomical predisposition? A case-control study on 135 feet"
Foot Ankle Surgery 2022; 28(7): 1076-1082
- 205) V. Pavone, A. Vescio, FMC. Panvini, L. Lucenti, A. Caldaci, M. Sapienza, F. Canavese, G. Testa
"Patellofemoral Pain Syndrome in Young Female Athletes: A Case-Control Study"
Adv Orthop 2022; 2022: 1907975

- 206) F. Monget, M. Sapienza, KL. McCracken, E. Nectoux, D. Fron, A. Andreacchio, V. Pavone, F. Canavese
"Clinical Characteristics and Distribution of Pediatric Fractures at a Tertiary Hospital in Northern France: A 20-Year-Distance Comparative Analysis (1999–2019)"
Medicina 2022; 58(5): 610
- 207) F. Canavese, L. Montanari, F. Alberghina, KL. McCracken, F. Monget, M. Sapienza, V. Pavone, A. Andreacchio,
"Functional and radiological outcome of C-shaped intercondylar fractures in children"
J Pediatr Orthop B 2023; 32(2): 127-133
- 208) YQ. Li, F. Canavese, YH. Liu, JP. Wu, JC. Li, Z. Yuan, HW. Xu,
"Incidence and risk factors for persistent acetabular dysplasia in patients with developmental dislocation of the hip treated by Pavlik Harness"
J Pediatr Orthop B 2023; 32(4): 312-317
- 209) R. Sacco, M. Bonneval, E. Nectoux, D. Fron, M. Ould-Slimane, D. Sharma, G. Lucchesi, F. Canavese,
"Thoracogenic scoliosis: a retrospective review of 129 pediatric patients with a mean follow-up of 10 years"
Eur Spine J 2022; 31(9): 2287-2294
- 210) Y. Li, F. Canavese, Y. Liu, J. Wu, J. Li, Z. Yuan, Q. Zhou, Y. Liu, W. Chen, H. Xu,
"Does a Graf Type-I Hip Justify the Discontinuation of Pavlik Harness Treatment in Patients with Developmental Dislocation of the Hip?"
Children 2022; 9(5): 752
- 211) C. Roeder, C. Alves, A. Balslev-Clausen, F. Canavese, E. Gercek, T. Kassai, T. Klestil, L. Klingenberg, N. Lutz, M. Varga, G. Jozsa, A. Weinberg, L. Tüshaus
"Pilot Study and Preliminary Results of Biodegradable Intramedullary Nailing of Forearm Fractures in Children"
Children 2022; 9(5): 754
- 212) Y. Lu, F. Canavese, R. Lin, J. Chen, Y. Chen, Y. Huang, S. Chen
"Elastic Stable Intramedullary Nailing and Temporary External Fixation for the Treatment of Unstable Femoral Shaft Fractures in Children Aged 5-11 Years Old a Retrospective Study of 28 Cases"
Front Pediatr 2022; 10: 914834
- 213) Y. Liu, W. Shi, H. Zhao, Y. Li, J. Li, F. Xun, F. Canavese, H. Xu
"Closed reduction and percutaneous pinning versus open reduction and internal fixation for Jakob type 3 lateral condyle fractures in children"
Int Orthop 2022; 46(10): 2291-2297
- 214) L. Duan, F. Canavese, L. Li
"Flexible intramedullary nails or Spica casting? A metaanalysis on the treatment of femur fractures in preschool children aged 2–5years"
J Pediatr Orthop B 2023; 32(3): 292-301
- 215) Y. Lu, F. Canavese, G. Nan, R. Lin, Y. Huang, N. Pan, S. Chen
"Is Femoral Neck System a Valid Alternative for the Treatment of Displaced Femoral Neck Fractures in Adolescents? A Comparative Study of Femoral Neck System versus Cannulated Compression Screw"
Medicina 2022; 58(8): 999
- 216) JP. Wu, WZ. Shi, XM. Lin, JC. Li, K. Hong, YZ. Liu, YQ. Li, F. Canavese, HW. Xu
"Modified Radiographic Classification System for Congenital Thumb Duplication: An Analysis of 2,300 Thumbs in 2,108 Children"
J Hand Surgery Am 2024; 49(3): 275.e1-275.e8
- 217) PA. Guillaume, N. Mainard, F. Canavese, M. Baudoux, A. Mézel, C. Chantelot, M. Saab
"Medium to long term functional and radiographic outcomes in patients with Madelung's deformity treated by isolated or combined radioulnar osteotomy"
Orthop Traumatol Surgery Res 2022; 108(7): 103374
- 218) V. Pavone, M. Sapienza, A. Vescio, A. Caldaci, KL. McCracken, F. Canavese, G. Testa

- "Early developmental milestones in patients with idiopathic clubfoot treated by Ponseti method"
Front Pediatr 2022; 10: 869401
- 219) Y. Lu, F. Canavese, R. Lin, Y. Huang, X. Wu, B. Lin, S. Chen
"Distraction osteogenesis at the proximal third of the ulna for the treatment of Masada type I/IIb deformities in children with hereditary multiple exostoses: a retrospective review of 20 cases"
Int Orthop 2022; 46(12): 2877-2885
- 220) C. Bettuzzi, G. Lucchesi, G. Salvatori, C. Fruttero, N. Orlando, D. Antonioli, F. Canavese, M. Lampasi
"Residual elbow instability in children with posterior or postero-lateral elbow dislocation"
J Pediatr Orthop B 2023; 32(2): 139-144
- 221) Q. Wang, WT. Wang, PH. Zhang, ZY. Zhou, T. Li, JF. Li, F. Canavese, MM. Gao
"A Simplified Method for RNA Isolation from Biofabricating Hydroxyapatite Scaffolds and Identification of Appropriate Reference Genes"
J Med Biol Eng 2022; 42: 713-721
- 222) I. Abusag, A. Martins, M. Mansour, A. Samba, A. Dimeglio, F. Canavese
"Radiologic, clinical, and functional evaluation of children with lateral humeral condyle fractures using the Quick Disabilities of the Arm, Shoulder, and Hand questionnaire"
J Pediatr Orthop B 2023; 32(2): 121-126
- 223) MM. Gao, JM. Wang, LY. Jiang, XM. Pan, F. Canavese, YQ. Li, WT. Wang, ZY. Zhou, WM. Zhu
"Magnetic resonance imaging R2* sequences can better detect microstructural cartilage changes than T2 mapping in cynomolgus monkeys with limited knee kinematics: preliminary imaging findings"
BMC Musculoskelet Disord 2022; 23(1): 870
- 224) S. Gao, QC. Yao, L. Geng, J. Lu, M. Li M, K. An, G. Ren, F. Canavese, SJ. Kim, C. Gwam, P. Wang, D. Ren
"A finite element analysis of the supportive effect of a new type of rotary support plate on lateral tibial plateau fractures"
Ann Transl Med 2022;10(18):1020.
- 225) JP. Wu, WZ. Shi, XM. Lin, JC. Li, Z. Yuan, M. Zhu, YZ. Liu, YQ. Li, F. Canavese, HW. Xu
"Epidemiological characteristics and distribution of congenital thumb duplication in south China: An analysis of 2,300 thumbs in 2,108 children"
Front Pediatr 2022; 10: 1027243
- 226) G. Lucchesi, F. Bonnel, N. Mainard, N. Orlando, R. Sacco, A. Dimeglio, F. Canavese
"Interrelations Between the Too-Long Anterior Calcaneal Process, Hind and Mid-tarsal Bone Volumes, Angles and Osteochondral Lesion of the Dome of the Talus: Analysis by Software Slicer of 69 CT Scan of Feet"
Indian J Orthop 2022; 56(12): 2228-2236
- 227) Y. Liu, H. Zhao, H. Xu, W. Shi, J. Li, Y. Li, F. Canavese
"To Angulate or Not to Angulate the Ulna during the Progressive Distraction Period Performed with a Monolateral External Fixator in Paediatric Patients with a Chronic Monteggia Fracture?"
Medicina 2022; 58(11): 1666
- 228) Y. Liu, W. Shi, Y. Li, K. Hong, J. Li, F. Xun, F. Canavese, H. Xu
"Ulnar osteotomy and monolateral external fixator for the treatment of chronic Monteggia fractures in children: comparison between gradual and acute radial head reduction"
J Pediatr Orthop B 2023; 32(6): 583-592
- 229) A. Zampieri, C. Girardin, B. Hocquet, R. Coursier, A. Fournier, C. Martin, E. Nectoux, F. Canavese
"Patellar dislocation recurrence after pediatric MPFL reconstruction: bone tunnels and soft tissues versus suture anchors and interference screw"
Orthop Traumatol Surg Res 2023; 109(8): 103515
- 230) V. Pavone, A. Andreacchio, F. Canavese
"Editorial: Upper and lower limbs trauma in childhood"
Front Pediatr 2023; 10: 1127990

- 231) C. Li, WZ Zhou, Y. Chen, F. Canavese, L. Li
"Management and effects of residual limbus inversion following closed reduction in developmental hip dysplasia: Protocol for a multicenter randomized controlled trial"
Front Pediatr 2023; 10: 1072831
- 232) M. Sapienza, R. Kapoor, F. Alberghina, R. Maheshwari, KL. McCracken, F. Canavese, AN. Johari
"Adverse effects following botulinum toxin A injections in children with cerebral palsy"
J Pediatr Orthop B 2023; 32(5): 435-451
- 233) H. Jiang, J. Guo, J. Li, C. Li, W. Du, F. Canavese, C. Baker, H. Ying, J. Hua
"Artificial Neural Network Modeling to Predict Neonatal Metabolic Bone Disease in the Prenatal and Postnatal Periods"
JAMA New Open 2023; 6(1): e2251849
- 234) S. Luo, Z. Chen, L. Deng, Y. Chen, W. Zhou, F. Canavese, L. Li (2023)
"Causal Link between Gut Microbiota, Neurophysiological States, and Bone Diseases: A Comprehensive Mendelian Randomization Study"
Nutrients 2023; 15(18): 3934
- 235) N. Mainard, E. Saghbini, T. Langlais, J-D. Metaizeau, E. Choufani, V. Cunin, R. Gouron, P. Journeau, B. Ilharborde, Y. Lefevre, R. Vialle, D. Fron, F. Canavese
"Clinical and radiographic evolution of graduate patients treated with magnetically controlled growing rods: results of a French multicentre study of 90 patients"
Eur Spine J 2023; 32(7): 2558-2573
- 236) N. Mainard, E. Saghbini, T. Langlais, R. Vialle, E. Nectoux, J. Sales de Gauzy, D. From, F. Canavese
"Clinical and radiological results of final fusion in patients who underwent lengthening with magnetically controlled growing rods. About 66 patients with a mean follow up of 5 years"
Eur Spine J 2023; 32(9): 3118-3132
- 237) A. Rava, F. Alberghina, M. Cravino, F. Canavese, A. Andreacchio
"Closed reduction and cast immobilization of overriding distal forearm fractures under nitrous oxide as conscious sedation without the use of imaging control"
Musculoskeletal Surgery 2023; 107(4): 413-421
- 238) Y. Lu, F. Canavese, Y. Xia, R. Lin, D. Huang, T. Chen, S. Chen
"Diagnosis and treatment of "medial to lateral diagonal injury of the elbow" in children: Concomitant medial epicondylar and radial neck fractures"
J Child Orthopedic 2023; 17: 339-347
- 239) F. Canavese
"Editorial Advanced Trauma Operative Management in Children"
Medicina 2023; 59(5): 963
- 240) T. Liu, Q. Jie, E. Wang, L. Li, F. Canavese
"Editorial: Elbow injury in pediatric patients"
Front Pediatr 2023; 11:1228234
- 241) JP. Wu, YT. Lu, XX. Wei, PX. Zou, YQ. Li, YZ. Liu, F. Canavese, HW. Xu
"Epidemiological characteristics and distribution of pediatric supracondylar fractures in South China: a retrospective analysis of 760 cases"
J Pediatr Orthop B 2024; 33(2): 136-141
- 242) YQ. Li, H. Liu, YM. Guo, SY. Chen, F. Canavese, YH. Liu, JC. Li, HW. Xu, HM. Xia, Chinese Multicenter Pediatric Orthopaedic Study Group
"Factors influencing outcomes of pelvic osteotomy for residual acetabular dysplasia following closed reduction in patients with developmental dysplasia of the hip"
J Pediatr Orthop B 2024; 33(4): 340-347
- 243) C. Andre, R. Coursier, M. Saab, A. Mezel, E. Nectoux, D. Fron, C. Pouges, F. Canavese

"Functional and radiologic outcomes of non-displaced scaphoid waist fractures in adolescents approaching skeletal maturity: comparison between conservative treatment and percutaneous screw fixation"

Orthop Traumatol Surg Res 2024; 110(6): 103636

244) A. Bischoff, E. Solecruz, N. Mainard, G. Faivre, F. Canavese

"How are French pediatric orthopedic surgeons affected by burnout? Results of a nationwide survey"

Orthop Traumatol Surg Res 2023; 109(8): 103628

245) X. Zhi, H. Wu, C. Xiang, J. Wang, Y. Tan, C. Zeng, H. Xu, F. Canavese

"Incidence of total hip arthroplasty in patients with Legg-Calve-Perthes disease after conservative or surgical treatment: a meta-analysis"

Int Orthop 2023; 47(6): 1449-1464

246) Y. Lu, F. Canavese, R. Lin, Y. Huang, X. Wu, B. Lin, S. Chen

Response to Jacques Canon, MD's comments on the article "Distraction osteogenesis at the proximal third of the ulna for the treatment of Masada type I/IIb deformities in children with hereditary multiple exostoses: a retrospective review of twenty cases" by Lu et al."

Int Orthop 2023; 47(5): 1383-1384

247) N. Mainard, F. Canavese

"News in pediatric orthopedic surgery: an overview of the latest advances in pediatric orthopedics and traumatology (2020-2023)"

Int Orthop 2023; 47(8): 2113-2123

248) S. Luo, L. Deng, Y. Chen, W. Zhou, F. Canavese, L. Li

"Revolutionizing pediatric orthopedics: GPT-4, a groundbreaking innovation or just a fleeting trend?"

Int J Surg 2023; 109(11): 3694-3697

249) M. Sapienza, G. Testa, A. Vescio, F.M.C. Panvini, A. Caldaci, S.C. Parisi, V. Pavone, F. Canavese

"The Role of Patient Position in the Surgical Treatment of Supracondylar Fractures of the Humerus: Comparison of Prone and Supine Position"

Medicina 2023; 59(2): 374

250) R. Sacco, M. Ould Slimane, M. Bonneville, E. Nectoux, A. Zago, F. Dujardin, F. Canavese

"Thoracogenic scoliosis: coronal deformity progression in paediatric patients"

Eur Spine J. 2023; 32(2): 639-650

251) W.T. Wang, D.H. Huang, Z. Xiong, Y.M. Guo, P.R. Liu, M. Li, H.B. Mei, Y.Q. Li, Y.Q. F. Canavese, S.Y. Chen

"Is there an alternative to the Delbet-Colonna classification? Introduction and reliability assessment of a new classification system for paediatric femoral neck fractures: preliminary results"

Int Orthop 2024; 48: 1507-1516

252) Y. Lu, F. Canavese, R. Lin, Y. Pan, N. Pan, J. Lai, S. Chen

"Radiologic, clinical, and functional evaluation of children with displaced T-condylar fractures treated by closed reduction and percutaneous fixation using the Mayo Elbow Performance Score"

Int Orthop 2024; 48: 1471-1479

253) J. Wu, W. Shi, H. Zhao, J. Li, Y. Li, K. Hong, Z. Yuan, M. Zhu, Y. Liu, F. Canavese, H. Xu (2024)

"Radiographic features of congenital thumb duplication type C2 of Wu et al. classification: new subtypes and surgical strategies"

Front Pediatr 2024; 11: 1286662-1286668

254) W.T. Wang, Q.Q. Mei, Y.M. Guo, B. He, H.B. Mei, Y.Q. Li, F. Canavese, S. Chen (2024)

"The Duration of Hardware Retention After Radiologic Union of Surgically Treated Femoral Neck Fractures in Children May Predict the Aggravation or Occurrence of Avascular Necrosis of the Femoral Head or Neck After Hardware Removal"

J Pediatr Orthop 2024; 44: 7-14

255) S. De Salvo, R. Sacco, N. Mainard, L. Lucenti, M. Sapienza, A. Dimeglio, A. Andreacchio, F. Canavese

"Total hip arthroplasty in patients with common pediatric hip orthopedic pathology"

J Child Orthopedic 2024; 18: 134-152

256) N. Mainard, E. Saghbini, S. Pesenti, R. Gouron, B. Ilharreborde, Y. Lefevre, T. Haumont, J. Sales de Gauzy, F. Canavese

"Is posterior vertebral arthrodesis at the end of the electromagnetic rod lengthening program necessary for all patients? Comparative analysis of sixty six patients who underwent definitive spinal arthrodesis and twenty four patients with in situ lengthening rods"
Int Orthop 2024; 48: 1599-1609

257) JX. Zhi, Z. Wen, J. Zhang, D. Lai, H. Ye, J. Wu, J. Li, Y. Shao, F. Canavese, H. Xu, C. Zeng

"Epidemiology and distribution of cruciate ligament injuries in children and adolescents, with an analysis of risk factors for concomitant meniscal tear"
Front Pediatr 2024; 12: 1332989-1332996

258) W. Zhi, KT. Luo, YY. Tan, HM. Wu, Y. Zhou, ZF. Xu, JQ. Wang, YQ. Li, HW. Xu, F. Canavese, C. Zeng

"Cast versus Kirschner wire fixation in type II paediatric phalangeal neck fractures"
Int Orthop 2024; 48: 489-1499

259) S. Luo, F. Canavese, A. Aroojis, A. Andreacchio, D. Anticevic, M. Bouchard, P. Castaneda, V. De Rosa, MA. Fiogbe, SL. Frick, JH. Hui, AN. Johari, A. Loro, X. Lyu, M. Matsushita, H. Omeroglu, DP. Roye MM. Shah, B. Yong, L. Li

"Are Generative Pretrained Transformer 4 Responses to Developmental Dysplasia of the Hip Clinical Scenarios Universal? An International Review"
J Pediatr Orthop 2024; 44: 504-511

260) M. Corradin, R. Schiavon, A. Micaglio, S. Pierantoni, V. Luppi, F. Canavese

"Simultaneous subtalar arthroeresis, midfoot soft tissue release, and talo-navicular arthrodesis in children with planovalgus neurologic foot"
Eur J Orthop Surt Traumatol 2024; 34: 2163-2170

261) S. Luo, Y. Chen, W. Zhou, F. Canavese, L. Li

"Pioneering a chick embryo model to explore the intrauterine etiology of developmental dysplasia of the hip in oligohydramnios conditions"
Osteoarthritis Cartilage 2024; 32(7): 869-880

262) X. Wu, L. Wu, F. Canavese, D. Huang, S. Chen

"Closed reduction with percutaneous Kirschner wire fixation for delayed treatment of distal humeral epiphyseal fracture separation"
J Child Orthop 2024; 18: 642-651

263) F. Canavese, PM. de Moraes Barros Fucs, AN. Johari

"Pediatric orthopaedics: a special issue dedicated to current concepts and recent progress"
Int Orthop 2024; 48(6): 1367-1371

264) J. Li, J. Gao, Z. Zhao, F. Canavese, Q. Cai, Y. Li, Y. Wang

"Quantitative computed tomography assessment of bone mineral density in adolescent idiopathic scoliosis: correlations with Cobb angle, vertebral rotation, and Risser sign"
Transl Pediatr 2024; 13: 610-623

265) YQ. Li, S. Wei, F. Canavese, YZ. Liu, JC. Li, YH. Liu, HW. Xu

"Treatment and Outcome of Supracondylar Humeral Fractures in Children Over 10 Years of Age at the Time of Injury: A Review of 60 Cases"
J Pediatr Orthop 2024; 44: 580-587

266) X. Wu, T. Chen, F. Canavese, Y. Lu, S. Chen

"Outcomes in children with delayed surgical treatment of medial humeral condyle fractures"
Int Orthop 2024;c48(8):c2101-2112

267) J. Li, F. Xun, C. Xu, Y. Li, H. Xu, F. Canavese, H. Xia

"Early radiographic characteristics of the lateral talocalcaneal angle and its predictive significance for relapse in patients with idiopathic clubfoot treated with the Ponseti method"
J Foot Ankle Surg 2024; 63(6): 646-652

268) F. Canavese, P. de Moraes Barros Fucs, AN. Johari
"Paediatric orthopaedics: a special issue dedicated to current concepts and recent progress"
Int Orthop 2024; 48(6): 1367-1371

269) F. Canavese, SY. Chen, YC. Pan
"How to conduct clinical research in pediatric orthopedics: a complex but feasible task"
J Clin Ped Surg 2024; 23(6): 509

270) X. Wu, T. Chen, F. Canavese, Y. Lu, S. Chen
"Outcomes in children with delayed surgical treatment of medial humeral condyle fractures"
Int Orthop 2024; 48(8): 2101-2112

271) J. Li, J. Gao, Z. Zhao, F. Canavese, Q. Cai, Y. Li, Y. Wang
"Quantitative computed tomography assessment of bone mineral density in adolescent idiopathic scoliosis: correlations with Cobb angle, vertebral rotation, and Risser sign"
Transl Pediatr 2024; 3: 610-624

272) L. Vandewalle, A. Mézel, F. Canavese, A. Hamel, H. Béhal, F. Duteille
"Comparison of limb reconstruction with vascularized fibula flap versus induced membrane technique in 54 pediatric cases over 16 years"
J Plast Reconstr Aesthet Surg 2024; 95: 75-8

273) W. Wang, Z. Xiong, D. Huang, Y. Li, Y. Huang, Y. Guo, A. Andreacchio, F. Canavese, S. Chen
"Risk factors for unsuccessful reduction of chronic Monteggia fractures in children treated surgically" a review of 209 cases
Bone Jt Open 2024; 5(7): 581-591

274) S. Chen, X. Tang, F. Canavese
"Editorial: Fractures and deformities of the lower extremity in children and adolescents: etiology, diagnosis and treatment"
Front Pediatr 2024; 12: 1493293-1493294

275) H. Jiang, J. Guo, J. Li, C. Li, W. Du, F. Canavese, F. Xie, H. Li, J. Yang, H. Ying, J. Hua
"Do birth outcomes mediate the association between drug use in pregnancy and neonatal metabolic bone disease? A prospective cohort study of 10,801 Chinese women"
Front Pub Health 2024; 12: 1377070

276) WT. Wang, QQ. Mei, H. Liu, YM. Guo, HB Mei, F. Canavese, A. Andreacchio, HQ. Lyu, SY. Chen, SH. He
"Risk factors for proximal radial abnormalities in children with untreated chronic Monteggia fractures: a review of 142 cases"
J Orthop Traumatol 2024; 25(1): 60

277) JP. Wu, H. Zhao, CY. Li, YZ. Liu, F. Canavese, HW Xu
"Radiographic Characteristics of the Triphalangeal Thumb in Patients With Congenital Thumb Duplication: An Analysis of 383 Thumbs in 368 Children"
J Hand Surg Am 2024 Dec 10: S0363-5023(24)00547-1

278) Y. Lu, Y. Pan, F. Canavese, R. Lin, J. Lai, S. Chen
"Lateral Open Wedge Osteotomy and Lateral Condyle Fusion In Situ for Children With Condyle Nonunion and Cubitus Valgus Deformity"
J Pediatr Orthop 2025; 45(2): 68-74

279) J. Wu, F. Canavese, L. Li
"Morphologic Development of the Posterior Sloping Angle of the Proximal Femoral Epiphysis in Children: What Is the Peak Risk Age for Slipping?"

J Pediatr Orthop 2025 (in press)

280) M. Sapienza, G. Testa, A. Vescio, B. Scuderi, C. de Cristo, L. Lucenti, MS Vaccalluzzo, A. Caldaci, F. Canavese, V. Pavone

“Comparison between unilateral and bilateral clubfoot treated with Ponseti method at walking age: static and dynamic assessment”

J Pediatr Orthop B 2025 (in press)

281) M. Lampasi, G. Lucchesi, C. Bettuzzi, S. Bonfiorte, F. Canavese

“Was the ultrasound examination for developmental dysplasia of the hip performed correctly? Introduction of a rapid training tool for nonexpert practitioners”

J Pediatr Orthop B 2025 (in press)