


PERSONAL INFORMATION

Ciro Villani

 Department of Anatomical, Histological, Legal Medical and Locomotive System Sciences  
P.le Aldo Moro 5, Roma, 00185, Italy

Sex male | Nationality Italian

OCCUPATIONAL FIELD

Diseases of the Locomotive System (MED33)

WORK EXPERIENCE

- 2017 Chief of Orthopaedics and of Dipartements with Integrated Activities of Emergency and Acceptance of Policlinico Umberto I of Rome
- 2013 Chief of Complex Operative Unit of Orthopaedics and Traumatology of the University area of Policlinico Umberto I of Rome
- 2013 Director of specialization school of Orthopaedics and Traumatology of the University of Rome “La Sapienza”
- 2010 Coordinator of the Section of Locomotive System Sciences in the Department of Anatomical, Histological, Legal Medical and Locomotive System Sciences
- 2005-2010 Director of the University Department of Locomotive System Sciences
- 2005 Ordinary Professor
- 2000 Associated Professor for the F16A Scientific Disciplinary Sector
- 1989 Research Worker
- 1988 In charge of the Complex Operative Unit (Associated Professor)

Occupation and position held

Chief of Orthopaedics and Rehabilitation of Dipartements with Integrated Activities of Emergency and Acceptance of Policlinico Umberto I of Rome  
Ordinary Professor (MED 33)  
Chief of the Orthopedics and Traumatology Complex Operative Unit (UOC)  
Director of specialization school of Orthopaedics and Traumatology at University “La Sapienza” of Rome  
In charge of the Locomotive System Science, Anatomical, Histological, Legal, Medical and Locomotive System Sciences

Name and address of employer

Department of Orthopaedics and Traumatology of “La Sapienza” University, P.le Aldo Moro 5, Rome, Italy

Sector

Diseases of the Locomotive System

Main activities and responsibility

Didactics, Research and Assistance in the **Orthopaedics and Traumatology B (UOC)** and activity in the Trauma Ward.Outpatients Clinic, Plaster and Operating Rooms

EDUCATION AND TRAINING

1983	Specialization in Physical Medicine and Rehabilitation
1981	Specialization in Orthopedics and Traumatology
1979-1981	Health Officer
April-October 1981	Practical Hospital Internship with full marks at the Orthopedic Clinic of the University "La Sapienza" in Rome
November 1977	Qualification for Medical Activity.
October 1977	Graduation Magna Cum Laude in Medicine e Surgery at the University of "L'Aquila"
Title of qualification awarded	Orthopaedist Medical Doctor and Surgeon

PERSONAL SKILLS

Surgeon and Physician  
 University Professor  
 Competent Leader of the Operative Unit  
 Director of Emergency Department

English, French	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	B1	B1	B1	B1	B1
FRENCH	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

Mother tongue ▪ Italian

Driving licence B

## PUBLICATIONS

1. Patellofemoral dysplasia in infantile cerebral palsy Ital J Orthop Traumatol. 1988 Jun
2. Prosthetic reconstruction of the anterior cruciate ligament of the knee: the roles of CT scan and M.R. Ital J Orthop Traumatol 1988 Sep
3. A comparative study of the extensor force of the quadriceps between subjects with a normal patella and those with patella alta of neurological pathogenesis Ital J Orthop Traumatol 1988
4. Nuclear magnetic resonance as a contribution to the choice of technique in lengthening of the Achilles tendon in a spastic equine foot Ital J Orthop Traumatol 1989 Mar
5. Histological and morphological aspects of muscle in infantile cerebral palsy Ital J Orth Traumatol 1989 Mar
6. Arthroscopy in the treatment of osteochondrosis dissecans of the talus Italian J Orthop Traumatol. 1990 Dec
7. Congenital club foot: Histomorphological study. Foot Diseases. Vol III n°1, June 1996.
8. Extraarticular localized nodular synovitis (Giant cell Tumor of tendon Sheath Origin) attached to the subtalar joint. Foot and Ankle, Vol. 17, n°7, July 1996.
9. L'osso deidratato con solvente tutoplast nelle ricostruzioni dopo curettage o resezione segmentale di tumori ossei benigni attivi: studio preliminare dopo RMN. Lo Scalpello. OTODI, Vol. XI, fasc. 1, 1997.
10. L'impiego dell'artroprotesi d'anca anatomica negli esiti di displasia congenita. Minerva Ortopedica e Traumatologica, Vol. 49 (11);p. 407 – 415, November 1998.
11. Rehabilitation of allograft with bone dehydrated with solvents in reconstruction after removal of bone tumors: MRI evaluation Chir Org Mov 1999 Oct-Dec
12. La mano spastica: trattamento con la tossina botulinica. Riv Chir Riab Mano Arto Sup, 38 (1), p.113-119, 2000.
13. Individuazione radiografica del centro di rotazione femorale ai fini della protesizzazione di anche con esiti di displasia congenita: confronto tra metodi radiografici. GIOT 26, p. 143-148, 2000.
14. L'instabilità vertebrale nelle fratture toraco lombari non neurologiche: valore predittivo dei metodi di misura. Chirurgia Organi di Movimento LXXXV, p. 121-127, 2000.
15. Capsuloplasty for the treatment of recurrent anterior dislocation of the shoulder: long-term evaluations of the Putti-Platt method and Bankart method with anchors Chir Org Mov 2000 Jan-Mar
16. Vertebral Instability in non-neurologic thoracolumbar fractures: the predictive value methods of measurement Chir Org Mov 2000 Apr-Jun
17. Epiphysiolysis of the Hip: relationship between etiopathogenesis and hormone status Chir Organi Mov 2000 Oct-Dec
18. Prevalenza dell'epatite B e dell'epatite C in un reparto di ortopedia e traumatologia. Chirurgia Organi di Movimento LXXXVI, p. 167-173, 2001.
19. Artrodesi lombari rigide VS osteosintesi elastiche. Italian Journal of Spinal Disorders, Vol. I, fasc. 3, p. 487-497, 2001.
20. Rigid fixation and fusion versus elastic osteosynthesis of the lumbar spine: complications and clinical failures. Eur. Spine J., 10:354, 2001.

21. Possibilità e limiti dell trattamento conservative nelle fratture toraco-lombari non neurologiche. Ital. J. Spinal Disord., 2 (1), p. 63-69, 2002.
22. Congenital Hypotonia with favorable outcome. Pediatric Neurology, Vol. 26, n°5, 2002.
23. Il piede piatto:tecniche chirurgiche a confronto. Chirurgia Organi di Movimento, LXXXVIII, p. 49-55, 2003.
24. Endoprotesi di spalla per fratture a 3-4 frammenti: approccio riabilitativo e valutazione a breve termine. Minerva Ortopedica, n°6, October 2003.
25. Surgical correction of talipes equinovarus: clinical, radiographic and instrumental long term evaluation. Minerva Ortopedica e Traumatologica, Vol. 56, n°1, p. 1, February 2005.
26. Vertebral fractures assessment by morphometric X-ray absorptiometry (MXA) in children with Osteogenesis Imperfecta (OI). BONE, Vol. 36, May 2005 (impact factor: 3.829)
27. Bone remodelling in THA : A comparative DXA study between conventional implants and a new stemless femoral component. A preliminary report. Hip int. vol 16, p 9-15 2006
28. Vascular complications of orthopaedic surgery: an update on diagnosis and management. J. Ortopaedic Traumatology, Vol. 7, p.163-168, 2006.
29. Normocalcaemia during neridronate treatment of newborn infant with osteogenesis imperfecta. Journal of the Italian Society of Osteoporosis, Mineral Metabolism of Skeletal Diseases, Vol. III, n°1, Jenuary-April 2006.
30. Mini invasive removal of an osteoid osteoma in the talar neck. A new arthroscopic technique: case report. Mediterranean Journal of Musculoskeletal Disorders, Vol. 3, 2007
31. Congenital pseudoarthrosis of the clavicle: treatment and review of the literat ure. Acta Orthopaedica Belgica
32. High levels of serum prostaglandin E2 in childen with osteogenesis imperfect are reduced by neridronate treatment. Pediatr. Res., Vol. 63, p. 203-206, February 2008.
33. Surgical treatment of congenital pseudoarthrosis of the clavicle: areport on 17 cases. Acta Orthopaedica Belgica, Vol. 74 (2), p. 161-166, April 2008.
34. Metha short-stemmed prosthesis with large femoral head: early follow-up and gait analisys evaluation. Hip International, Vol. 18 (3), July-September 2008.
35. Hip subluxation and dislocation in cerebral palsy: outcome of bone surgery in 21 hips. Acta Orthopaedica Belgica, Vol. 74 (5), p. 609-614, October 2008
36. Complications following correction of planovalgus foot in cerebral palsy by arthroeresis. Acta Orthopaedica Belgica, Vol. 75 (3), p. 374-379, June 2009.
37. Outcomes of intralesional curettage with adjuvants for low-grade chondrosarcoma of the bone. Acta Orthopaedica Belgica, 2011
38. Prosthesis infections, our treatment protocol. Eur Surg Res, Vol. 45, p. 158-307, October 2010.
39. Adequacy of treatment, bone remodeling, and clinical outcome in pediatric supracondylar humeral fractures. J pediatric Orthopedics B, Sep. 2011
40. Intralesional curettage with phenol and cement as adjuvants for low grade intramedullary chondrosarcoma of the long bones Acta Orthop Belg 2011 Oct

41. Proximal femur fractures in elderly patients: the influence of comorbidity on prognosis in the short, medium and long term. *La Clinica terapeutica*. 2011; 163(3): e95-9.
42. Prosthetic hip revision: relationship between bone stock and quality of life in aseptic loosening of the femoral component. *La Clinica terapeutica*. 2012; 164(1), e11-5.
43. Adequacy of treatment, bone remodeling, and clinical outcome in pediatric supracondylar humeral fractures. *Journal of Pediatric Orthopaedics B*. 2012; 21(2): 115-120
44. "Can early diagnosis and partial meniscectomy improve quality of life in patients with lateral discoid meniscus? *La Clinica Terapeutica*. 2013; 164(5): e359-64.
45. Risk analysis in tibial plateau fractures: association between severity, treatment and clinical outcome. *Musculoskeletal surgery*. 2013; 97(2): 131-136.
46. The Endolog system for moderate-to-severe hallux valgus. *Journal of Orthopaedic Surgery*. 2013;21(1)47-50.
47. Serum Brain type creatine Kinase increases in children with osteogenesis imperfecta during neridronate treatment *Pediatr Res*. 2014 May;75(5):626-30. doi: 10.1038/pr.2014.20
48. Association between spondylolisthesis and L5 fracture in patients with Osteogenesis Imperfecta. *European Spine Journal*. 2014; 1-6.
49. Sonication technique improves microbiological diagnosis in patients treated with antibiotics before surgery prosthetic joint infections. *New Microbiol*. 2014; 37(3): 321-328
50. Italian Version of University of California at Los Angeles (UCLA) Activity Score: Cross-Cultural Adaptation. *The Journal of arthroplasty*. 2014; 29(9): 1733-1735
51. Serum brain-type creatine kinase increases in children with osteogenesis imperfecta during neridronate treatment. *Pediatric research*. 2014; 75(5): 626-630.
52. "Management delle fratture e deformità a carico delle ossa lunghe degli arti inferiori in un gruppo di pazienti affetti da Osteogenesi Imperfetta tipo I, III e IV". *GIOT – Giornale Italiano di Ortopedia e Traumatologia*. 2014; 40 (suppl. 3): S115-124
53. Association between spondylolisthesis and L5 fracture in patients with Osteogenesi Imperfecta *Euro spine J* 2015 Jan 1
54. Osteochondritis dissecans of the lateral femoral condyle in a patient affected by osteogenesis imperfecta: a case report *Journal of Pediatric Orthopaedics*
55. Stage-related results in treatment of hip osteonecrosis with core-decompression and autologous mesenchymal stem cells *Acta Orthop Belg*. 2015 sep;81(3):406-12
56. A study of 44 patients with subtrochanteric fractures treated using long nail and cerclage cables *Musculoskelet Surg*. 2015 Dec;99(3):225-30
57. "Osteogenesis Imperfecta and Clubfoot - A rare combination. Case Report and Review of the literature". *Medicine (Baltimore)*. 2016, 95(31): e450-55
58. Lateral wedge osteotomy for pediatric post-traumatic cubitus varus: Kirschner-wire or locking angular plate? *J pediatric Orthop B*. 2016 Mar 24
59. Fluoroscopic Freehand and electromagnetic-guided targeting system for distal locked screw of humeral intramedullary nail *Muskoloskelet Surg*. 2016 Nov.22

- 60 Intra-articular hyaluronic acid vs platelet-rich plasma in the treatment of hio osteoarthritis **Med Ultrason.** 2016 Dec 5;18(4):463-468. doi: 10.11152/mu-874
- 61 “Apophyseal and epiphyseal knee injuries in the adolescent athlete”. *La Clinica Terapeutica* 2016, 167(6)
- 62 “Assessment and therapeutic choice in septic arthritis of the hip in an intravenous drug abuser: case report at 14 years follow-up and review of literature”. *La Clinica Terapeutica* 2017,168(1): e8-e13
- 63 Isolated olecranon fractures in children affected by osteogenesis imperfect type I treated with single screw or Tension band wiring system: Outcomes and pitfalls in relation to bone mineral density . *Medicine (Baltimore)*, 2017 , 96 (20): e6766
- 64 Bilateral posterior fracture-dislocation of the shoulder after epileptic seizure. In *Trauma Case report*
- 65 Intraoperative bleeding in patients with osteogenesis imperfect type III treated by Fassier- Duval femoral rodding: analysis of risk factors In *Journal of pediatric orthopaedics B*
- 66 Le infezioni croniche in ortopedia : line generali di trattamento GIOT VOL XLIII, 03/2017, suppl 1: S55.
- 67 Achilles Tendons Total Rupture, Open Surgical Treatment with PRF augmentation: Clinical, Morphological and Functional Evaluation *Clinical Research on Foot & Ankle* June 2017
- 68 Aetiopathogenesis of cuff-tear arthropathy: Could juvenile joint laxity be considered a predisposing factor? *Int Orthop.* 2017 Dec 23
- 69 Radial Head dislocation and malalignment in osteogenesis imperfecta type V: Case report, pitfalls in the treatment and review of the literature *Journal of Orthopaedics* 2018 Part B
- 70 Shoulder pain due to cervical radiculopathy: an underestimated long –term complication of herpes zoster virus reactivation? *Int Orthop.* 2018 Jan
- 71 The treatment of femoral fractures in children with cerebral palsy *La clinica terapeutica* 169 2018-09-18
- 72 Intraoperative bleeding in patients with osteogenesis imperfect type III treated by Fassier-Duval femoral rodding : Analysis of risk factors *Journal of Pediatric Part B* 2018

**TEXTBOOKS**

1. **L'osteogenesi Imperfetta.** Quaderni Azzurri, Vol. 11, collana SITOP, 2007.
2. **Manuale di Ortopedia e Traumatologia.** Monduzzi Editore, 2010.
3. **Diagnosi e cura delle deformità rotatorie e torsionali degli arti** CIC Edizioni Internazionali 2017 Cap. Introduttivo

Roma 17/09/2018

prof. **Ciro Villani**