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 UNIVERSITY OF INSUBRIA



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Contact data

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Biography

Born in Milan (Italy) on September 3, 1956
1975-1982: Medical School and Graduation cum laude at the University of Pavia (Italy)
1982 and 1984-1990: Resident in Orthopedics at the University of Pavia (Italy)
1983-1984: Medical Officer in the Italian Army
1984-1985: Research fellow in Hand Surgery and Microsurgery in the Department of Orthopedic Surgery of Hiroshima University (Japan) with Professor Kenya Tsuge
1990-: Attending orthopedic surgeon at Ospedale di Circolo Varese (Italy)

Qualifications and awards

1984: grant from the Government of Japan (Monbusho) for a research fellowship in Hand Surgery and Microsurgery in the Orthopedic Department of Hiroshima University (Japan)
1985 and 1986: grant from Ospedale Policlinico S. Matteo Pavia (Italy) for a research project in the field of Limb Replantation
1987: specialization in Orthopedics in the University of Pavia (Italy)
1987: grant from the Ministry of University and Scientific and Technological Research for attendance of the School of specialization in Hand Surgery of the University of Pavia (Italy)
1988: grant from the University of Pavia for attendance at the School of specialization in Hand Surgery of the University of Pavia (Italy)
1990: specialization in Hand Surgery in the University of Pavia (Italy)
1996: best experimental paper award, Italian Society for Hand Surgery

Research interests

Clinical outcome studies in hand surgery, with particular interest in the treatment of degenerative disease of the hand in the elderly and of traumatic conditions of the wrist.

Development of new fixation devices for the surgical treatment of hand and wrist fractures.

Development of minimally invasive techniques for the treatment of fractures of the upper extremity.

Teaching experience and appointments

1992-2001: Assistant Professor, Dept. of Orthopedics and Trauma Sciences, University of Insubria Varese (Italy)

2001-2002: Associate Professor, Dept. of Orthopedics and Trauma Sciences, University of Insubria Varese (Italy)

2002-: Professor, Dept. of Orthopedics and Trauma Sciences, University of Insubria Varese (Italy)

2003-: Chairman of the School of Rehabilitation Therapy of the University of Insubria Varese (Italy)

Faculty member of the following residency programs: Orthopedics and Trauma Sciences, Sport Medicine, Physical Therapy and Rehabilitation, Oncology

Representative publications

1 P. Cherubino, G.F. Berzero, G. Pilato: Dorsal dislocation of metacarpo-phalangeal joint of index finger. Etiopathogenetic and therapeutic considerations. *Rivista di Chirurgia della Mano*, XXIV (2): 191-195, 1987 (IT).

2 P. Cherubino, G.F. Berzero, G. Pilato: Our experience in the surgical treatment of Madelung deformity. *Rivista di Chirurgia della Mano*, XXVI (2-3): 175-179, 1989 (IT).

3 P. Cherubino, G.F. Berzero, G. Pilato: Primary bone tumours of the hand in the age of growth. *Rivista di Chirurgia della Mano*, XXVI (2-3): 231-236, 1989 (IT).

4 G. Pilato, U. Borromeo, M.I. Sturla: Sport pathology of trapezial-metacarpal joint. *Rivista di Chirurgia della Mano*, XXVII (3): 357-361, 1990 (IT).

5 P. Cherubino, U.E. Pazzaglia, G. Pilato, C. Montoli: New concepts in osteoarthritis etiopathogenesis. *Rivista di Chirurgia della Mano*, XXVIII (1): 23-31, 1991 (IT).

6 P. Cherubino, G. Pilato: Intra-tendinous chondroma of a flexor tendon. *The Journal of Hand Surgery (British Volume)*, 16B: 462-463, 1991.

7 G. Zatti, P. Rolla, G. Pilato, U.E. Pazzaglia: Spontaneous evolution of a case of severely slipped upper femoral epiphysis. Considerations on therapeutical indications. *Minerva Ortopedica e Traumatologica*, 43 (4): 297-299, 1992 (IT).

8 P. Cherubino, G. Pilato: Entrapment neuropathies of the wrist in rheumatoid arthritis. *Giornale Italiano di Ortopedia e Traumatologia*, XVIII (Supplemento n. 1): 173-178, 1992 (IT).

9 G. Pilato, C. Montoli, P. Cherubino: Etiology and pathology of traumatic amputations of fingers. *Rivista di Chirurgia e Riabilitazione della Mano e dell'Arto Superiore*, XXIX (1-2): 7-11, 1992 (IT).

10 G. Pilato, A. Giughello, P. Cherubino: The surgical treatment of pantrapezial osteoarthritis: comparison between Swanson implant and resection-arthroplasty with tendon interposition. *The Journal of Bone*

and Joint Surgery, 75-B, Orthopaedic Proceedings Supplement II: 166, 1993.

11 G. Pilato, A.M. Viotto, A. Giughello: Ulnar aplasia and ulnar deviation of the wrist. *Rivista di Chirurgia e Riabilitazione della Mano e dell'Arto Superiore*, XXX (1): 85-91, 1993 (IT).

12 G. Pilato, D. Prestamburgo, A. Giughello, A.M. Viotto: Congenital absence of the ulna. Classification and treatment. *Minerva ortopedica e traumatologica*, 45 (1-2): 21-25, 1994 (IT).

13 G. Pilato, A. Giughello, U.E. Pazzaglia: Alterations of hand bones in hereditary multiple exostoses. *Rivista di Chirurgia e Riabilitazione della Mano e dell'Arto Superiore*, XXXI (3): 307, 1994 (IT).

14 G. Pilato, A.M. Viotto, A. Bini: Subperiosteal osteoid osteoma of the hamate. Abstract book, 6th Congress of the International Federation of Societies for Surgery of the Hand (I.F.S.S.H.), Helsinki, 3-7 luglio 1995.

15 P. Cherubino, G. Pilato: Biological arthroplasties: FCR ligamentoplasty and "anchovy" tendon interposition. In: *Monografie della Società Italiana di Chirurgia della Mano*, Vol. 1: La Rizoartrosi, Casa Editrice Mattioli, Parma, 1996 (IT).

16 G. Pilato, A.M. Viotto, R. Casalone, D. Mazzola, E. Meroni, M. Modesti: Cytogenetic studies in Dupuytren's disease. *The Journal of Hand Surgery (British and European Volume)*, 22B Supplement: 14, 1997.

17 G. Pilato, F. Baldo, P. Cherubino: Old unreduced dislocation of the radial head in children. *The Journal of Hand Surgery (British and European Volume)*, 22B Supplement: 26, 1997.

18 R. Casalone, D. Mazzola, E. Meroni, R. Righi, E. Minelli, P. Granata, A. Panattoni, A.M. Viotto, M. Modesti, G. Pilato: Cytogenetic and interphase Cytogenetic Analyses Reveal Chromosome Instability but No Clonal Trisomy 8 in Dupuytren Contracture. *Cancer Genet Cytogenet*, 99: 73-76, 1997.

19 G. Pilato, A. Bini, F. Baldo, F. D'Angelo: The treatment of carpal scaphoid fractures and non-union by Herbert screw. Analysis of factors influencing outcome. *Rivista di Chirurgia e Riabilitazione della Mano e dell'Arto Superiore*, XXXV (3): 187-195, 1998 (IT).

20 G. Pilato, A. Bini, F. Baldo: Metastasis to brachial muscle as the presenting sign of pulmonary adenocarcinoma. *Rivista di Chirurgia e Riabilitazione della Mano e dell'Arto Superiore*, XXXV (3): 231-234, 1998 (IT).

21 G. Pilato, A. Bini, F. Baldo: Herbert screw fixation for delayed union and nonunion of scaphoid. Analysis of factors influencing outcome. *The Journal of Hand Surgery (British and European Volume)*, 24B Supplement: 22, 1999.

22 G. Pilato, A. Bini, M. Modesti: The treatment of static scapho-lunate dissociation by interosseous ligament repair. Correlation between clinical outcome and radiological results. Poster Book of the VII Congress of the Federation of the European Societies for Surgery of the Hand, Barcelona, 21-24 giugno 2000.

23 A. Bini, M. Casali, G. Pilato: Anterior subcutaneous transposition in the treatment of ulnar neuropathy at the elbow. Analysis of results and predictive factors. *The Journal of Hand Surgery (British and European Volume)*, 25B Supplement: 29-30, 2000.

24 G. Pilato: Scaphoid nonunion. Wichtig editore, Milano, 2002 (IT).

25 G. Pilato, A. Bini, M.F. Surace, A. Ferrari: Results of surgical treatment of complex articular fractures of distal radius. Correlation between functional and radiographic outcome. *The Journal of Hand Surgery (British and European Volume)*, 27B Supplement 1: 7, 2002.

26 G. Pilato, F. Baldo, A. Bini: Perilunate dislocations and fracture-dislocations. Surgical treatment results. *Rivista di Chirurgia della Mano*, 39 (1): 48-57, 2002 (IT).

27 G. Pilato, A. Bini, M.F. Surace, A. Ferrari: Results of surgical treatment of complex articular fractures of distal radius. Correlation between functional and radiographic outcome. *Proceedings of 8th Congress of the Federation of the European Societies for Surgery of the Hand*, pag. 65-70. Monduzzi editore, Bologna, 2002.

28 G. Pilato, A. Bini, F. Baldo, L. Murena: Proximal row carpectomy through volar approach. *The Journal of Hand Surgery (British and European Volume)*, 28B Supplement 1: 57, 2003.

29 S. Sangiorgi, A. Manelli, T. Congiu, A. Bini, G. Pilato, M. Reguzzoni, M. Raspanti: Microvascularization of the human digit as studied by corrosion casting. *Journal of Anatomy*, 204: 123-131, 2004.

30 G. Pilato, M. De Pietri, W. Vernieri, A. Bini: The surgical treatment of fractures of the radial head: a comparison between osteosynthesis and capitellectomy. *La Chirurgia degli Organi di Movimento*, LXXXIX: 213-222, 2004 (IT).

Clinical interests

Clinical practice consists of general orthopedic care, but is mainly focused on surgery of the hand and upper extremity.

Trauma cases include injuries of the upper extremity. Operative treatment of fractures consists of open reduction and internal fixation or minimally invasive procedures with use of percutaneous fixation and eventually external fixation. A special interest is devoted to reconstructive surgery after osteo-ligamentous injuries of the wrist, which may require arthroscopic assistance. Complex injuries of the hand, affecting bone as well as skin and soft tissues are treated with a comprehensive approach including microsurgical reconstruction of vessels and nerves.

Other operative procedures include reconstruction of the arthritic hand

and wrist, tendon transfers in definitive palsies of the nerves of the upper limb, treatment of entrapment neuropathies, release of contractures and treatment of bone and soft tissue neoplasms.