

Currículum vitae.

May 9, 2009

1. General information

Name: Jaime F. Bravo, MD.

Site and date of birth: Santiago. Chile. April 7, 1936.

Title and Academic titles: MD.

Rheumatologist.

Assistant professor. University of Chile (1971).

Clinical Professor. University of Colorado Health Sciences Center. Denver. Colorado. USA until 1998.

Honorary Member of San Juan de Dios Hospital, Rheumatology Unit. Santiago. Chile.

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2. Studies realized.

2.1. Training Activities:

Lived 30 years in Denver, Colorado: Fellow in Rheumatology for 2 years, at the University of Colorado Health Sciences Center (UCHSC). Resident in Internal Medicine for 3 years at Saint Joseph Hospital, in Denver. Assistant professor in Medicine (Department of Rheumatology) at UCHSC for one year (1974). Private practice and teaching at Saint Joseph Hospital, Saint Lukes Hospital, Rose Memorial Health Center and Denver Veteran Hospital, from 1974 until June 1998, date that I retired and returned to Chile. Attended Rheumatology courses and Annual Meetings of the Chilean Rheumatology Society while in Chile (from 1961 until 1964, from 1967 until 1970 and from 1998 until now). Attended or participated in innumerable rheumatology courses and Osteoporosis thru my years in Denver (1965-1966 and 1970-1998). Attended the Annual ACR Meetings since 1974 until now, except for a few exceptions. Attendance to the Kyoto International Rheumatology Congress, in October 1973. VI Rheumatology Congress in Toronto, Canada, in June 1974. International Rheumatology Congress in Paris, in 1975.

Internal Medicine residency, for 3 years at Saint Joseph Hospital in Denver, CO.
From November 1970 until November 1973. Chief resident for the last year.

Attendance Ad-honorem daily for 2 hours at the Rheumatology Service San Juan de Dios Hospital, since May 1961 until May 1962.

3. Distinctions obtained

Best paper presented to the Chilean Rheumatology Society in 1968.

Certificate of appreciation from the National Commission on Arthritis and Related Musculoskeletal Diseases, December 1975.

Distinguish Service Award, Arthritis Foundation, March 1982.

Centennial recognition Award for Meritorious Services, University of Colorado School of Medicine May 1983.

Recognition of 20 years of Service to the Arthritis Foundation, Rocky Mountain Chapter, on March 1985 and of 30 years on June 1998, specially in the areas of Patient and Community services Committee, Scientific Committee and Patient Service.

American Academy of Family Practice Recognition Award as Active Teacher, 1987.

4. Fellowships

Rheumatology Fellowship for 2 years (1965 & 1966), at the University of Colorado Health Sciences Center. Denver. Colorado. USA.

5. Work Chronology

Private practice in Rheumatology in Santiago, Chile from June 1998 until present.

Private practice in Rheumatology at the Denver Arthritis Clinic, Denver, Colorado, from 1974 until 1998.

Medical academic rheumatologist Coordinator of the Regional Arthritis Program for Colorado and Wyoming, for 2 years, 1974 and 1975.

Assistant professor, Department of Medicine (Rheumatology) at UCHSC, for one year (1973-1974).

Resident in Medicine at Saint Joseph Hospital, Denver, Colorado, for 3 years (1970-1973).

Private practice (Internal Medicine and Rheumatology) in Santiago, Chile, from January 1967 until October 1970. Concomitantly, staff of the Rheumatology Unit at San Juan de Dios Hospital (4 hours a day)..

Rheumatology Fellow at UCHSC, Denver, Colorado from December 1964 to December 1966.

Staff member of the Police Force (Internal Medicine) Santiago, Chile, from June 1961 to October 1970.

Rheumatology Fellowship for 2 years (1965 & 1966), at the University of Colorado Health Sciences Center. Denver. Colorado. USA.

Staff member (Rheumatologist) of the National Medical Employee Service (SERMENA), from October 1962 to December 1964, in Santiago, Chile.

Staff rheumatologist, Trudeau Hospital, Santiago, Chile from October 1962 to December 1964.

Staff member (Internist and Rheumatologist), of the hospitals of the communities of Buin and San Bernardo, near Santiago, Chile.

Private practice, in Santiago, Chile, from June 1961 to December 1964.

6. Academic activities

6.1. Teaching.

Teaching activities to physicians, fellows, residents, medical students at the San Juan de Dios Hospital, Rheumatology Department, twice a week from June 1998 until present, Ad Honorem.

Participation in the weekly Internal Medicine Grand Rounds at San Juan de Dios Hospital, from 1998 until 2004.

Up to date articles published by the San Juan de Dios Hospital Bulletin, Chilean Rheumatology Society journal, Chilean surgeons journal and a paper in the Arthritis & Rheumatism.

Papers about Joint Hypermobility Syndrome and other Hereditary Diseases of the Connective Tissues presented at the Annual Meetings of the Chilean Rheumatology Society, PANLAR, EULAR, Rheumatology Congress of the Southern Hemisphere and of the Chilean Congress on Bone and Mineral Metabolism.

Clinical Professor of Medicine (Division of Rheumatology) UCHSC from January 1996 till retirement in June 1998.

Associate Clinical Professor of Medicine (Division of Rheumatology) UCHSC from January 1984 to January 1996.

Clinical Assistant Professor of Medicine (Division of Rheumatology) UCHSC from January 1975 to January 1984.

Medical Co-ordinador (Academic) of the Regional Arthritis Program for Colorado and Wyoming, during 2 years (1974 & 1975), with 20 teaching visits to different cities in these two states.

Instructor of Medicine (Division of Rheumatology) UCHSC from November 1973 to June 1975.

Assistant Professor, University of Chile, Internal Medicine Faculty. July 1971.

Assistant of Medicine UCHSC from January 1965 to December 1966, during rheumatology fellowship.

6.2. Lecture teaching:

Chief resident. Saint Joseph Hospital. Denver. Colorado. For one year (1973).

Rheumatology classes for students, fellows and post graduate physicians in the Denver Hospitals (University Hospital, Saint Joseph Hospital, Rose Medical Center, Saint Lukes Hospital and Veteran Medical Center), from 1974 until 1998.

Speaker at innumerable Rheumatology courses run by the University of Colorado Medical Center, Rose Hospital and the Arthritis Foundation, from 1974 to 1998.

6.3. Personalized, tutorial teaching.

Volunteer Attending at the Rheumatology Clinic of the Veterans Hospital in Denver, Colorado, once a year for one month per year, from 1974 to 1998.

A total of 40 residents from the UCHSC did a two months rotation with me, in my private office (The Denver Arthritis Clinic, in Denver. Colorado. USA.).

6.4. Other Academic Activities:

Member of the Board at the Rocky Mountain Chapter of the Arthritis Foundation, (Colorado and Wyoming) for 32 years since 1976. Member of local and national committees at the Central Office in Atlanta, Georgia. I was appointed as Chairman of the Scientific Committee, Patient Service Committee and Public Education Committee at the local and national level, thus participating actively in medical and public education.

6.5 Investigation and artistic creation.

During the last 10 years, while back in Chile, I have devoted myself to the clinical investigation of Joint Hypermobility Syndrome and other Hereditary Diseases of the Connective Tissues. I have presented papers to National and International Meetings and I have published in the Chilean rheumatology Journal, San Juan de Dios Hospital Bulletin, Chilean surgical Society journal and the Arthritis and Rheumatism. All this can be found in my personal Web Site that already has had 58,000 visits and has been a personal effort for public and medical teaching. www.reumatologia-dr-bravo.cl In this Web Site I include some of my photographs, that are one of my hobbies.

6.6. Forwarding information

Besides medical publications in public journals and magazines, medical journals and papers presented to Medical Meetings, the mayor forwarding of my knowledge has been thru my Web Site.

7. Profesional Activities

7.1. Profesional work:

Rheumatologist in private practice, in Santiago, from June 1998 until present.

Rheumatologist in private practice, at Clinica Arauco Salud, in Santiago, from June 1998 until now.

Rheumatologist in private practice, at the Denver Arthritis Clinic, from 1974 until 1998.

Medical Co-ordinator (Academic Rheumatologist) of the Regional Arthritis Program for Colorado and Wyoming, for 2 years, 1974 and 1975.

Assistant Professor, Department of Medicine (Rheumatology) UCHSC, for one year (June 1973 until June 1974).

Internal Medicine Residency, Saint Joseph Hospital, Denver, Colorado, for 3 years (1970-1973). Chief Resident during the last year.

Private practice (Internal Medicine and Rheumatology) in Santiago, Chile, from January 1967 until October 1970. Concomitantly with the position of staff rheumatologist at the Rheumatology Service. San Juan de Dios Hospital (4 hours a day).

Rheumatology Fellowship at UCHSC. Denver. Colorado, from December 1964 until December 1966.

Internist and Rheumatologist of the Chilean Police Armed Forces, Santiago, (June 1961-October 1970). With Hernan Aris, MD we founded the Rheumatology Department at the Police Hospital in Santiago.

Rheumatology Fellowship, UCHSC. Denver. Colorado. (January 1965-December 1966)

Staff Rheumatologist at SERMENA (National Employee Medical Service). Santiago, (October 1962-December 1964). I was in charge of rheumatological retirement evaluations.

Staff Rheumatologist at Trudeau Hospital. Santiago. (October 1962-December 1964). I founded the Rheumatology department at Barros Luco-Trudeau Hospital.

Internist and Rheumatologist at the Hospitals of the communities of Buin and San Bernardo, near Santiago. (June 1961-December 1964).

7.2. Projects and special activities.

One of my mayor projects was the study of rheumatological complaints of 40 kidney transplants survivors in 1965 (Dr. Starzel). Denver. Colorado. Study published in Annals of Internal Medicine, January 1967.

Another big accomplishment has been identifying the very high frequency of the Joint Hypermobility Syndrome (JHS) in Chile (40% of the population) and the personal crusade to make this diagnosis accepted and known not only in Chile, but also in other countries, obtaining international recognition for this endeavor.

To be the Co-ordinator for the Joint Hypermobility Syndrome (JHS) Study Group at the ACR in 2007, 2008 and 2009.

My active work as a volunteer of the Arthritis Foundation for 32 years, especially participating in medical and public education.

An important accomplishment was to re-start my medical career in USA, having to pass exams to be able to do private practice and teaching and finally getting to be a Clinical Professor of Medicine (Rheumatology) at the University of Colorado Health Sciences Center.

Another interesting work was to be the Medical Co-ordinator (Academic Rheumatologist) of the Regional Arthritis Program for Colorado and Wyoming, for 2 years, 1974 and 1975.

Together with Professor Charley J Smyth, MD we created the Team Approach for the Treatment of Rheumatic patients, that was a Center for comprehensive treatment of hospitalized rheumatological patients at Rose Memorial Hospital, that for a long time was considered a model for similar establishments throughout the country.

Another important activity has been the creation of my personal rheumatological Web Site www.reumatologia-dr-bravo.cl, which has had to date 58,000, visits, nationally and internationally and has been very well received. Has been a very good way to educate physicians, patients and general public. I have answered thousands of letters from both patients and physicians from all over the world in the last 8 years.

8. Teaching Auto evaluation.

I think that the most important of my teaching activity has been, throughout the years, to teach rheumatological semiology to medical students, residents, fellows and physicians and also developing a very complete rheumatological chart. I have taught dedication, how to listen carefully to the patient, to give them the necessary time, to do a thorough examination, to be gentle and polite, to be up to date in medical knowledge, not to postpone the patients needs for clinical drug studies, to be honest in medical publications and not to be selfish with their knowledge and to be cordial and loyal to their peers.

8.1. Books and book chapters

I wrote a chapter about Vasculitis for a Rheumatological book that Prof. Fernando Valenzuela was writing in Chile, but unfortunately was not finished in that opportunity.

I have written the chapter on Dysautonomia for the book on Joint Hypermobility edited by Professor Rodney Grahame (London.UK), which will be published shortly.

8.2. Publications.

Bravo JF. Síndrome de Ehlers-Danlos (SED) con especial énfasis en el síndrome de Hiperlaxitud Articular (SHA). Review. To be published in Rev Méd Chile 2009.

Bravo JF. Significado e Importancia de Estudiar a las Personas con Hiperlaxitud Articular; Editorial. Reumatología 2008; 24(1):4-5.

Bravo JF. Síndrome de Ehlers-Danlos Vascular (SEDV), antes llamado SED tipo IV. Reumatología 2008; 24(1):6-11.

Bravo JF. Charla sobre el Síndrome de Hiper movilidad Articular dictada en el Curso de Actualizaciones en Dolor e Inflamación en Reumatología. Reumatología 2007; 23 (3): 130 - 133.

Bravo JF, Wolff C. Clinical Study of 1124 Cases of Ehlers-Danlos Syndrome (Classic EDS, JHS and Vascular EDS). Arthritis Rheum: Vol.56, No 9(Suppl), November 2007; pp 1633. Abstract .

Bravo JF, Wolff C, Correa S. Clinical Study of 972 Rheumatological Patients with Joint Hypermobility Syndrome (JHS), using the Brighton Criteria. Ann Rheum Dis 2007;66(Suppl II):244. Abstract.

Bravo JF, Wolff C. Estudio de Densidad Mineral Ósea (DMO) en 100 pacientes menores de 50 años, con Síndrome de Hiperlaxitud Articular (SHA). Reumatología 2006; 22(3):88. Abstract.

Bravo JF, Wolff C. Alteración de la Densidad Mineral Ósea en pacientes menores de 50 años con Síndrome de Hiperlaxitud Articular Estudio clínico en 79 pacientes. JCR: J Clin Rheumatol 2006; 12, (4): Supplement S30. Abstract.

Bravo JF, Wolff C. Clinical study of hereditary disorders of connective tissues in a Chilean population. Joint hypermobility syndrome and vascular Ehlers-Danlos syndrome. Arthritis Rheum 2006;54 (2): pp 515-523.

Bravo JF. Precauciones y posibles complicaciones quirúrgicas de las Alteraciones hereditarias de la fibra colágena (AHFC). Rev. Chilena de Cirugía 2005; 57 (6): 516 -22.

Bravo JF, Wolff C, Rojas P. Alteración de la Densidad Mineral Ósea en pacientes menores de 50 años con Síndrome de Hiperlaxitud Articular: Estudio Clínico preliminar de 36 enfermos. Reumatología 2005; 21 (3): 154.

Bravo J F y Wolff C. Importancia del estudio de los adolescentes de Fenotipo Marfanoide (MF), por el riesgo de presentar una forma frágil de las Alteraciones Hereditarias de la Fibra Colágena (AHFC), el Síndrome de Hiperlaxitud Articular (SHA). Reumatología 2005; 21 (3): 153.

Bravo JF. Ácido fólico en la prevención de Defectos del Tubo Neural, problemas coronarios, accidentes vasculares cerebrales, cataratas, Alzheimer, osteoporosis y posiblemente del Síndrome de Hiperlaxitud Articular. Boletín Hosp. San Juan de Dios 2005;52:134-43.

Bravo JF. Malformaciones congénitas y administración de Ácido Fólico en mujeres en edad fértil. Boletín Hosp. San Juan de Dios 2003;50:300-02.

Bravo JF. Importancia de la Laxitud Articular como causa de morbilidad. Reumatología 2003;19(1):33-38.

Bravo JF, Arteaga MP, Coello L. Utilidad de la Cintigrafía Ósea en el estudio de las alteraciones hereditarias de la fibra colágena (AHFC). URL: www.alasbimnjournal.cl/revistas/22/bravo_esp.html.

Bravo JF. Síndrome de Hiperlaxitud Articular (SHA): Cómo diferenciarlo de las Otras Alteraciones Hereditarias de la Fibra Colágena. Reumatología 2004;20(1):24-30.

Bravo JF. Disautonomía: un problema médico poco conocido. Boletín Hosp. San Juan de Dios 2004;51:64-9.

Bravo JF. "Hereditary Disorders of the Connective Tissues (HDCT). A clinical study of 249 cases". *Arthritis Rheum* Vol. 50, No 9 (Supplement), September 2004, pp S309 . Abstract.

Bravo JF.: "Importancia del Estudio de los Chilenos Altos: Estudio Comparativo de 33 Marfanoides (MF) y 230 casos de Síndrome de Hiperlaxitud Articular (SHA)" . Abstract. *Reumatología* 2004;20(4):218.

Bravo JF, Jacobson MP, Mertens BF. "Fatty liver and pleural effusion with ibuprofen therapy. *Ann Intern Med.* 1977 Aug;87(2):200-1.

Smyth CJ, Bravo JF., "Antirheumatic drugs: clinical pharmacological and therapeutic aspects. *Drugs.* 1975;10(5-6):394-425.

Bravo JF, Herman JH, Smyth CJ. "Musculoskeletal disorders after renal homotransplantation. A clinical and laboratory analysis of 60 cases. *Ann Intern Med.* 1967 Jan;66(1):87-104.

8.3. Others.

Letters to the editor:

Spontaneous pneumothorax is seen in the joint hypermobility syndrome (JHS) *Rheumatology*2006; 45 (8): 1052-53.

8.4. Conferences.

Joint Hypermobility Syndrome (JHS). Talk dictated during the Pain and Inflammation Course. Chilean Rheumatological Society. Santiago. Chile. *Reumatología* 2007; 23 (3): 130 – 133. Powerpoint.

Joint Hypermobility Syndrome (JHS). Talk for rheumatic patients. La Serena. Chile. October 13, 2006.

Generalities about Joint Hypermobility. Teleconference to the Association of patients with Ehlers-Danlos and Hypermobility (ASEDH). June 2007 in Barcelona, Spain. (Video, 35 min.).

Gout. League of rheumatological patients (VOLAR). Santiago. 2004

Osteoporosis. Public Forum. Arauco Salud. Santiago. 2003.

Multiples talks about the Joint Hypermobility Syndrome (JHS) to physicians of the following specialties:

Rheumatologists. Chilean Rheumatological Society. Santiago. Chile.
 Orthopedists. Chilean Orthopedist Society. Santiago. Chile.
 Ophthalmologists. San Juan de Dios Hospital. Santiago. Chile
 Orthodontists. Group from Las Condes. Santiago. Chile
 Internal Medicine. San Juan de Dios Hospital. Santiago. Chile
 Kinesiologists. Integra Médica. Barcelona Street. Santiago. Chile
 Multi-specialists. Clínica Arauco Salud. Santiago. Chile

9. Profesional and academia formation.

In my professional formation I would like to recognize the following masters:

Prof. Rodolfo Armas Cruz. Santiago. Chile.
 Prof. Fernando Bravo Escobar (my father). Santiago. Chile.
 Prof. Fernando Valenzuela Ravest. Santiago. Chile.
 Prof. Charley J. Smyth, MD. UCHSC. Denver. Colorado. USA.
 Prof. Rodney Grahame, MD. London. UK.

10. Medical Societies, to which I belong.

Chilean Rheumatological Society.
 Chilean Medical Society.
 Santiago Medical Society..
 American College of Physicians (Emeritus). .
 American College of Rheumatology.(Emeritus).

11. References.

Walter Briney, MD.	Denver. CO. USA.	Walter.Briney@UCHSC.edu
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Michael Schiff, MD.	Denver. CO. USA.	Lmschiff@aol.com
Dr. Aurelio Carvallo	Santiago. Chile	aureliocarvallo@hotmail.com
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