

A call for HPV vaccination moratorium

To the Honorable Members of the Scottish Petitions Committee:

I am Manuel Martínez-Lavín MD., a rheumatologist and pain researcher. You can view my full credentials below. I became interested in HPV vaccine adverse reactions after taking care of two girls who developed a disabling illness after HPV vaccination. Their disease was characterized by severe chronic widespread pain, profound fatigue and other vexing symptoms that prevented them from attending school. I published their case histories in the medical literature [1]. Similar cases have been reported from Denmark [2] and Japan [3]. As a matter of fact in 2013, the Japanese Health Ministry stopped recommending HPV vaccination while investigating similar serious adverse events.

HPV vaccination syndrome resembles Complex Regional Pain Syndrome, Postural Orthostatic Tachycardia Syndrome, Fibromyalgia and Myalgic Encephalomyelitis. These are difficult to diagnose illnesses that have overlapping clinical features. [2-5] Unfortunately, the overwhelming majority of practicing physicians are unable to recognize these syndromes. As result of this lack of knowledge, patients may either go undiagnosed or be misdiagnosed as suffering from a figured psychological ailment.

Our group just published the results of an international survey on HPV vaccination syndrome. We collected information from 45 injured individuals living in 13 different countries. Twenty nine percent had their illness onset immediately (within 24 hours) after the HPV jab.

Approximately 4 years after HPV vaccination 93% of these youngsters remain severely ill, and are unable to attend school or work. Their most frequent symptoms are profound fatigue, widespread pain, headache, muscle weakness, fainting, and dizziness [5]. Cases reported from Denmark [2] and Japan [3] have similar clusters of disabling symptoms.

We have proposed the possible mechanisms whereby HPV immunization could induce such severe disease. The vaccine virus-like particles and the aluminum adjuvant could damage key pain-transmitting nerve structures that are also in charge of maintaining blood pressure and other important body functions [4].

There are additional reasons to question the widespread use of this particular vaccine, its efficacy at preventing cervical cancer is inference based. There is no factual evidence demonstrating HPV vaccine effectiveness [4].

As result of this mounting knowledge, I strongly advocate for a HPV vaccination moratorium until the real vaccine adverse reactions are correctly appraised. I also suggest that a Medical Task Force is formed in order to carefully study those individuals who experienced the onset of a chronic illness soon after HPV immunization. Such persons can be easily identified through the concerned mother's internet blogs that have sprouted from many countries.

It is time for action. Many perfectly healthy girls have become chronically ill as result of this misguided HPV vaccination protocol.

Sincerely:

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PS. I declare no conflict of interest.

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1. Martinez-Lavin M (2014) Fibromyalgia-like illness in 2 girls after human papillomavirus vaccination. *J Clin Rheumatol*;20:392-393.
2. Brinth L, Theibel AC, Pors K, Mehlsen J (2015) Suspected side effects to the quadrivalent human papilloma vaccine. *Dan Med J* 62:A5064
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4. Martínez-Lavín M (2015). Human papillomavirus vaccination syndrome. Small fiber neuropathy and dysautonomia could be its underlying pathogenesis. *Clin Rheumatol* 34:1165-1169
5. Martínez-Lavín M, Martínez-Martínez LA, Reyes-Loyola P (2015). HPV vaccination syndrome: A questionnaire-based study. *Clin Rheumatol* Sept 10.

• **Professional education:**

Medical School, Universidad Nacional Autónoma de México.(UNAM) (1965-1971)

• **Postgraduate training:**

Internal Medicine. St. Louis University. St. Louis Missouri USA (1972-1975).

Rheumatology. Scripps Clinic. La Jolla California USA. (1975-1977)

Degrees and Qualifications:

Medical Doctor Degree. National Autonomous University of Mexico: 1971

License to practice Medicine in the state of Missouri USA. 1974

Appointed as Chief Resident of Internal Medicine. St. Louis City Hospital USA. 1975

Internal Medicine Diploma. St. Louis University USA. 1975

Internal Medicine Certificate. American Board of Internal Medicine. 1975

License to practice Medicine in the State of California. 1975

Rheumatology Diploma. Scripps Clinic and Research Foundation USA. 1977

Rheumatology Certificate. American Board of Internal Medicine. 1978

Rheumatology Certificate. Mexican Council of Rheumatology. 1978

Internal Medicine Certificate. Mexican Council of Internal Medicine. 1994

• **Academic Career:**

Clinical Researcher. Rheumatology Department, National Cardiology Institute of Mexico. 1977 to date.

Chief Rheumatology Department at the National Cardiology Institute. 1983 to date.

Assistant Professor of the Rheumatology. National Autonomous University of Mexico. 1980-1983.

Full Professor of the Rheumatology. National Autonomous University of Mexico. 1983 to date.
Titular Researcher. Level F (highest). National Health Institutes (Mexico), 1989 to date.
National Investigator level III (highest). National Investigation System (Mexico). 1990 to date.

• Academic Associations:

American College of Physicians. 1975 to 2005

American College of Rheumatology. 1977 to date

Association of Interns and Scholarship Holders at the National Cardiology Institute of Mexico. 1978 to date

Mexican Society of Rheumatology. 1978 to date

Mexican Society of Cardiology. 1979 to date

National Academy of Medicine (Mexico). 1990 to date

• Directive positions in academic societies:

Mexican Rheumatology Council. President 1984-1985

Mexican Rheumatology Society. President 1987-1988

National Academy of Medicine. Secretary. 1994

• Editorial board memberships:

Archivos de Cardiología 1980 a la fecha

Revista Mexicana de Reumatología (ahora Reumatología Clínica) 1986 a la fecha

Journal of Clinical Rheumatology 1997 a la fecha

Clinical Rheumatology 2003 a 2008

• Publications:

1. Lisker R, Hernández A, Martínez-Lavín M, Mutchinick O, Armas C, Reyes P, Robles-Gil J. Gerodermia osteodysplastica hereditaria: Report of three affected brothers and literature review. *Am J Med Gen* 1979;3:389-395; 2. Martínez-Lavín M, Vaughan JH, Tan EM. Autoantibodies and the spectrum of Sjögren's syndrome. *Ann Intern Med* 1979;92:185-190; 3. Reyes PA, Martínez-Lavín M. La enfermedad de Behcet: presentación de tres casos y revisión de la literatura reciente. *Gac Med Mex* 1979;115:573-577; 4. Pineda E, Martínez-Lavín M. Osteoartropatía hipertrófica en la cardiopatía congénita cianótica. Descripción de dos casos. *Arch Inst Cardiol Mex* 1980;50:151-155; 5. Martínez-Lavín M, Vaughan JH, Holman KI, Smyth C. A comparison of naproxen, indomethacin, and aspirin in osteoarthritis. *J Rheumatol* 1980;7:711-716; 6. Gobaira J, Bobadilla M, Martínez-Lavín M. Manifestaciones orales de la enfermedades reumáticas. *Acta Med Dom** 1980;2:33-36; 7. Martínez-Lavín M, Bobadilla M, Casanova J, Attié F, Martínez M. Hypertrophic osteoarthropathy in cyanotic congenital heart disease: its prevalence and relationship to bypass of the lung. *Arthritis Rheum* 1982;25:1186-1193; 8. Guadalajara JF, Martínez-Lavín M, Zusserman M, Solines L, Casanova JM, Reyes P. El corazón en esclerodermia, estudio fono-ecocardiográfico. *Arch Inst Cardiol Mex* 1983;53:27-32; 9. Martínez-Lavín M. La afección cardiopulmonar de las enfermedades reumáticas. *Arch Inst Cardiol Mex* 1983;53:247-251; 10. Martínez-Lavín M, Buendía A, Delgado E, Reyes P, Amigo MC, Sabanés J, Zghaib A, Attié F, Salinas L. A familial syndrome of pericarditis arthritis and camptodactyly. *N Engl J Med* 1983;309:224-225; 11. Martínez-Lavín M, Amigo MC, Castillejos G, Padilla L, Vintimilla F. Coexistent gout and hypertrophic osteoarthropathy in patients with cyanotic heart disease. *J Rheumatol* 1984;11:832-834; 12. Pop G, Romero L, Bialostozky D, Medrano G, Martínez-Lavín M. La afección cardiaca en la espondilitis anquilosante. *Arch Inst Cardiol Mex* 1985;55:63-67; 13. Pineda C, Weisman M, Guerra A, Resnick D, Martínez-Lavín M. The skeletal manifestations of clubbing: A study in patients with cyanotic heart disease and hypertrophic osteoarthropathy. *Semin Arthritis Rheum* 1985;14:263-267; 14. Martínez-Lavín M, Castillejos G. Los dedos hipocráticos y la osteoartropatía hipertrófica. *Arch Inst Cardiol Mex* 1985;55:415-419; 15. Martínez-Lavín M. Monoarthritis. *Rev Mex Reumatol** 1986;1:34-36; 16. Nava-Zavala A, Amigo MC, Martínez-

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2008;20:88-91; 96. Martinez-Lavin M, Vargas A, Rivera-Viñas M. Hypertrophic osteoarthropathy: a palindrome with a pathogenic connotation. *Curr Opin Rheumatol* 2008;20:88-91; 97. Martinez-Lavin M, Infante O, Lerma C. Hypothesis: The Chaos and Complexity Theory May Help our Understanding of Fibromyalgia and Similar Maladies. *Semin Arthritis Rheum.* 2008;37:260-4; 98. Martinez-Lavin M, Solano C. Dorsal root ganglia sodium channels and fibromyalgia sympathetic pain. *Med Hypotheses* 2009; 72:64-6; 99. Solano C, Martinez A, Becerril L, Vargas A, Figueira J, Navarro C, Ramos-Remus C, Martinez-Lavin M. Autonomic dysfunction in fibromyalgia assessed by the Composite Autonomic Symptoms Scale (COMPASS). *J Clin Rheumatol* 2009; 100. Martinez-Lavin M. Complex adaptive system allostasis in fibromyalgia. *Rheum Dis Clin North Am* 2009; 101. Pineda C, Mansilla-Lory J, Martinez-Lavin M, Leboreiro I, Izquierdo A, Pijoan C. Rheumatic diseases in the ancient americas. The skeletal manifestations of treponematoses. *J Clin Rheumatol* 2009; 102. Vargas-Alarcón G, Fragoso JM, Cruz-Robles D, Vargas A, Martinez A, Lao-Villadoniga JI, Garcia-Fructuoso F, Vallejo M, Martinez-Lavin M. Association of adrenergic receptor gene polymorphisms with different fibromyalgia syndrome domains. *Arthritis Rheum* 2009; 103. Martínez-Lavín M, Pineda Villaseñor C. Hypertrophic osteoarthropathy; causes, lineage and texture. *Rev Inv Clin* 2010;62:261-6; 104. Christensen T, Martinez-Lavin M, Pineda C. Periostitis and osteolysis in a medieval skeleton from south-west Hungary: (Leprosy, treponematoses, tuberculosis or hypertrophic osteoarthropathy. A diagnostic challenge. *Internat Journal Osteoarchaeol* 2011 . Published online: 31 Jan 2011.; 105. Lerma C, Martinez A, Ruiz N, Vargas A, Infante O, Martinez-Lavin M. Nocturnal heart rate variability parameters as potential fibromyalgia biomarker. Correlation with symptoms severity. *Arthritis Res Ther* 2011;13:R185.; 106. Martinez-Lavin M. Pachydermoperiostosis. *Best Pract Res Clin Rheumatol.* 2011;25:727-34.; 107. Martinez-Lavin M. Fibromyalgia when distress becomes (un)sympathetic pain. *Pain Res Treat.* 2012: 981565; 108. Vargas-Alarcon G, Alvarez-Leon E, Fragoso JM, Vargas A, Martinez A, Vallejo M, Martinez-Lavin M. A SCN9A gene-encoded dorsal root ganglia sodium channel polymorphism associated with severe fibromyalgia. *BMC Musculoskeletal Dis* 2012. 2012; 109. Martinez-Lavin M. Chaos complexity and cardiology. *Arch Inst Cardiol Mex* 2012;82:54-8.

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* = Journals not included in Index Medicus

• Thesis conduction:

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