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The scientific fields of interests are the determinants and effectiveness of physical medicine, pain treatment, health problems of elderly people, quality of life for women with endometriosis, health-related quality of life, animals-assisted therapy and zoophysiotherapy

The research project contribution:

I. ENDOMETRIOSIS - LEVEL OF KNOWLEDGE AND QUALITY OF WOMEN'S LIFE:

1. Impact of endometriosis on the quality of life and functioning of women.
2. Assessment of knowledge and awareness of women of different ages regarding the relationship between chronic pelvic pain and endometriosis.
3. Women and endometriosis - living with pain.

II. PROJECT IN COOPERATION WITH THE UNIVERSITY OF ECONOMICS AND INNOVATION IN LUBLIN:

1. Nurses and medical rescue as public officers in the context of acts of aggression (violence) against them.
2. Quality of life and occupational burnout among physiotherapists and nurses - reasons and differences depending on the nature of the work.

III. INTERDISCIPLINARITY IN STUDYING THE QUALITY OF LIFE OF PEOPLE WITH DISABILITIES:

1. Means of public and individual transport and the needs of people with disabilities.

Publications:

E. Wróblewska, J. Szymańska, J. Witkoś, A. Rudzińska, S. Mazurczak. Some methods of evaluation of changes in pain level under the influence of manual therapy in patients with low back and peripheral joints' pain. *Fizjoterapia* 2006; 14(4), 37- 44.

Rudzińska, J. Nowotny, J. Dąbrowska, J. Szymańska, J. Witkoś. Manner of maintaining posture vs. body build in 7-year-olds. *Fizjoterapia* 2006; 14(1), 59-64.

Kowalczyk, J. Witkoś, J. Szymańska, A. Famuła, K. Klinke, J. Dąbrowska. Quality of life in multiple sclerosis patients undergoing comprehensive rehabilitation. *Ann.Acad.Med. Siles.*2007; 61(4), 298-304.

J. Witkoś, J. Nowotny, A. Rudzińska, J. Szymańska. Changes of pain threshold under influence of low intensity pulsed magnetic field. *Fizjoterapia* 2007; 15(1),17-22.

J. Witkoś, M. Wodarska, I. Nowakowska, J. Szymańska, A. Kowalczyk, D. Szydłak. Using electrotherapy in pain affections softening. *Eukrasia* 2008, 10, 153-158.

J. Szymańska, J. Witkoś, J. Nowotny. Changes of skin temperature after ultrasounds continuous and impulse waves. *Fizjoterapia Pol.* 2008; 8(2), 161-169.

J. Witkoś, A. Kowalczyk, J. Szymańska, M. Wodarska, I. Nowakowska. Physical Activity among Elderly People. *Eukrasia*, 2009, 11, 165-170.

Nowakowska, J.Szymańska, J. Witkoś, M. Wodarska, M.Kucharzewski, M. Dembkowski. The influence of high tone power therapy on the peripheral microcirculation in the lower limbs. *Fizjoterapia* 2009; 17(4), 10-18.