

Curriculum vitae

Pavel Cerny, Ph.D., Eng.

Birthday: 17. July 1961, Prague, Czech Republic
Union: married
Children: four sons (31, 28, 26, 20), two daughters (18, 15)
Nationality: Czech Republic
Address: Kolma 352, 252 26, Trebotov, Prague - west
Phone: +420602346335

Workplace:

West Bohemia University, Faculty of Health Care Studies, Pilsen, Czech Republic
ORTOTIKA s.r.o., area of Faculty Motol Hospital, Prague, Czech Republic

Education:

- Primary School, Prague, 1967 - 1976
- Gymnasium, Prague, 1976 – 1980
- Czech Technical University in Prague, Faculty of Mechanical Engineering, 1980 – 1985, Eng.
- Charles University, Faculty of Physical Education and Sport in Prague, Biomechanics, 2008 – 2015, Ph.D.

Jobs:

- Research worker in Research department of Orthotics-Prosthetics, Ergon Company, 1985 - 1990
- Development and technology of microlight technique, 1990 - 1992
- Main orthotic technician in company ORTOTIKA s.r.o. since 1992
- West Bohemia University, Faculty of Health Care Studies, since 2015

Stay abroad:

- Nusser & Schaal, Werner Wicker Klinik, Bad Wildungen, Germany, February - August 1991

Language

- English - intermediate
- German – passive and fewer
- Russian – passive and fewer

Memberships:

- Member of Society on Scoliosis Orthopaedic and Rehabilitation Treatment (SOSORT)
- Member of committee of Society for Connective Tissues, Czech Medical Association
J. E. Purkyne
- Member of committee of Czech Prosthetics and Orthotics Society (“FOPTO”)
- Member of Czech Society for Prosthetics and Orthotics, Czech Medical Association
J. E. Purkyne
- Member of Czech Society of Biomechanics

Pedagogic activity:

- Main tutor for spinal bracing in the field Prosthetics and Orthotics in Czech Republic (Czech Prosthetics and Orthotics Society - “FOPTO”)
- External teacher in Department of Physical Education of Charles University for subjects:
 - Orthotics
 - Myoprosthesis
 - Epithetics
- Garant and teacher in West Bohemia University – Orthotics & Prosthetics

Research and development:

„Biaxial knee joint“, CZ industrial design AO~266~528, PV~6431~870, (Cerny P.).

„Dynamic corrective spinal orthosis“, patent No. 281~800~CZ, (Cerny P.).

„Fluent limit-motion polycentric knee joint“, patent No. 290~161~CZ, (Cerny P.).

„Reclination bandage“, CZ industrial design: 9430, 1999~10062, (Cerny P.).

„Dynamic corrective spinal brace for sitting“, CZ industrial design: 12158, 2002~12778, (Cerny P.).

„Active corrective night spinal brace“, patent No. 296~200~CZ (Cerny et al.)

„Total replacement of cartilage and subchondral bone“, patent No. PV~2007~283, (Cerny P., Petryl M.)

„Corrective insole“, CZ industrial design 34970, A61F, 2010, (Cerny P.).

„Two-variant orthosis“, CZ industrial design 35083, A61F, 2010, (Cerny P.).

„Orthosis with nano-textile liner“, CZ industrial design 35736, A61F, 2013, (Cerny P., Hudecek M.).

Grant:

Functional adaptation and pathobiomechanics of limb and axial skeleton by force effects. CZ grant, GACR 106/00/0006, 2002. Eng. Pavel Cerny, ORTOTIKA, s.r.o., Prague, co-resolver.