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# Experimental Surgery

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Experimental surgery uses animal models for research in the field of regenerative medicine, organ transplantation, traumatology of the locomotor system and soft tissues and organs, study of septic conditions, cardiovascular diseases, etc. It is a combination of basic research with clinical diagnostic and treatment goals. The role of experimental surgery in preclinical testing is absolutely irreplaceable.

### Selected outputs

- Skála-Rosenbaum J., Bartoniček J., Říha D., Waldauf P., Džupa V.: Single-centre study of hip fractures in Prague, Czech Republic, 1997-2007. *Int Orthop*, 35/4: 587-593, 2011 **IF 2,024**
- Báča V., Báčová T., Grill R., Otčenášek M., Kachlík D., Bartoška R., Džupa V.: Pudendal nerve in pelvic bone fractures. *Injury*, 44/7: 952-956, 2013 **IF 2,462**
- Zajíček R., Pintar D., Brož L., Šůca H., Königová R.: Toxic epidermal necrolysis and Stevens-Johnson syndrome at the Prague Burn Centre 1998-2008. *Journal of the European Academy of Dermatology and Venereology*, 2012, 26, (5), pp. 639 -643. **IF: 2.980**
- Měšťák O., Matoušková E., Spurková Z., Benková K., Veselý P., Měšťák Jan, Molitor M., Sukop A.: Mesenchymal stem cells seeded on cross-linked and non-cross-linked acellular porcine dermal scaffolds for long-term full-thickness hernia repair in a small animal model. *Artificial Organs*. 2014, **38**(7), 572-579. ISSN 0160-564X. DOI: 10.1111/aor.12224. **IF: 1.870**