

September 10-11, 2018

Zurich, Switzerland

Pavel Cherkas, J Dent Craniofac Res 2018, Volume 3
DOI: 10.21767/2576-392X-C3-008

NEW APPROACHES IN MANAGEMENT OF ENDODONTIC PAIN – MAKING SENSE OF THE EVIDENCE

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This evidence-based lecture presents a broad overview of contemporary literature and clinical and scientific experience in acute and chronic endodontic pain management. Comprehensive understanding of different pain mechanisms provides an ultimate way for managing dental pain emergencies and post-operative conditions. The latest information on pharmacological and technological approaches will be provided to help clinicians with successful management of different types of endodontic emergencies. What is the best time for treatment of irreversible pulpitis? Can we predict which patients are more likely to experience pain after an endodontic therapy? What doesn't work for post-op pain? What are genetic determinants of pain? What is a personalized medicine concept and how to apply it in dentistry? At the conclusion, participants should be able to: discuss different pain mechanisms; discuss the genetic determinants of pain and; apply a personalized medicine concept in dentistry.

Biography

Pavel Cherkas has graduated from the Faculty of Dentistry at the Hebrew University of Jerusalem, Israel and also successfully defended his MMedSc and PhD theses in Neuroscience at the same university. He also graduated from a MSc Endodontics program at the University of Toronto. He has conducted pain research at several Universities worldwide such as Cambridge (UK), Leipzig (Germany) and Tokyo (Japan). He has served as a Resident Member on the Regenerative Endodontics Committee of the American Association of Endodontists. Currently, he is an Assistant Professor at the University of Toronto and an active member of Dr. Sessle's laboratory where he continues to conduct research on the central mechanisms of orofacial pain. He is also involved in clinical research, has lectured nationally and internationally and has published extensively in peer-reviewed journals and textbook chapters. .

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