





PROGRAM 1st Young Researchers Day of the Belgian Pain Society

5 March 2020

Venue: UCLouvain - Woluwe campus, Auditoires centraux

Metro: Alma

Parking: 10 Avenue Hippocrate, B1200, Brussels





11.30 - 13.25 Registration and Poster Viewing with Welcome Lunch and Coffee Hall 71 Simonart

13.25 - 13.40 Welcome by the Belgian Pain Society and the Scientific Organizing Committee Auditorium 51 Maisin

13.40 - 15.10 Oral presentations

	Parallel Oral Session I - Auditorium 51 Maisin	Parallel Oral Session II - Auditorium 51 B
	Moderator: Prof. Dr Jessica Van Oosterwijck	Moderator: Dr Audrey Vanhaudenhuyse
13.40	Risk factors for insomnia in chronic spinal pain patients: A systematic review	Relationship between cognitive and emotional factors and healthcare
	and meta-analysis - Bilterys Thomas	utilization in patients experiencing pain: a systematic review – Huysmans Eva
13.53	Does fatigue have an influence on the nociceptive flexion reflex? A randomized	Do physical activity levels predict the efficacy of conditioned pain
	cross-over study in healthy people – Dhondt Evy	modulation? Results from a cross-sectional study in healthy individuals – Van
		Oosterwijck Sophie
14.06	Comparing the efficacy of five different conditioned pain modulation	Prevalence Of Signs Of Nociception During Physiotherapy In Patient With
	paradigms and the influencing effects of modifiable factors – Mertens Michel	Disorders Of Consciousness – Bonin Estelle
14.19	The influence of High Dose Spinal Cord Stimulation on the descending pain	The association between pain intensity and disability in patients with failed
	modulatory system in patients with failed back surgery syndrome – De Grootte	back surgery syndrome, treated with spinal cord stimulation – De Jaeger Mats
	Sander	
14.32	Study of dropout in chronic pain: What factors play a role? – Bicego Aminata	The exploration-exploitation dilemma in pain – Krypros Angelos
14.45	Developing the network pain rehabilitation Limburg: results of a feasibility	Using intracerebral EEG to characterize the modulations of insular ongoing
	study – Lamper Cynthia	oscillations exerted by sustained thermonociceptive and cool stimulation –
		Liberati Giulia
14.58	Functional expression and pharmacological modulation of nocicepter TRPM3	The impact of parental responses upon child pain behavior in the context of
	in human sensory neurons – Vangeel Laura	cancer-related painful procedures: the moderating role of parental self-
		oriented distress – Rheel Emma

15.10 - 15.30 Coffee break and poster viewing

Hall 71 Simonart







15.30 - 16.30 Poster Presentations

Hall 71 Simonart

	Pos	ter Walk A	Poster Walk B Moderator: Drs Andrea Polli			
	Мо	derator: Drs Arthur Courtin				
15.30	P 1	Measuring Upper Limb Disability for Patients with Neck Pain: Evaluation of the Feasibility of the Single Arm Military Press (SAMP) Test - Aboalmaty Heba	P1 0	Measures Of Upper Limb Function For People With Neck Pain: A Systematic Review Of Measurement And Practical Properties - Alreni Ahmad		
15.36	P 2	Investigating Brain Dynamics Underlying Reduced Habituation To Painful Stimuli In Migraine Using Dynamical Causal Modelling - Bassez lege	P1 1	Investigating The Multisensory Influence Of Vision On Nociception- Induced Cortico-Spinal Excitability - Filbrich Lieve		
15.42	P 3	The Predictive Value Of Psychosocial Factors And Nociceptive Stimuli Processing On Pain And Disability In Chronic (Sub)-Acute Low Back Pain: A 3-Month Follow-Up Study - Foubert Anthe	P1 2	Mechanisms And Effectiveness Of Chiropractic Spinal Manipulation For Spine Pain - Gevers-Montoro Carlos		
15.48	P 4	Burst-Like Conditioning Electrical Stimulation Of Cutaneous Nociceptors Is More Efficacious Than Continuous Stimulation In Inducing Heterosynaptic Facilitation Of Mechanical Nociceptive Input In Humans - Gousset Solenn	P1 3	The Influence Of Nociceptive And Neuropathic Pain States On The Processing Of Acute Electrical Nociceptive Stimulation: A Dynamic Causal Modeling Study - Goudman Lisa		
15.54	P 5	The Mediating Effect Of Perceived Injustice And Pain Catastrophizing In The Relationship Of Pain On Fatigue In Breast Cancer Survivors - Ivakhnov Sergei	P1 4	Transcranial Direct Current Stimulation In Primary Motor Cortex And Effects On Pressure Pain Threshold In Healthy Individuals: A Quasi-Experimental Single-Blind Sham-Controlled Trial - Guerin Mathias		
16.00	P 6	Virtual Reality Distraction Induces Analgesia In Patients With Chronic Low Back Pain: A Randomized Controlled Trial - Matheve Thomas	P1 5	Effect Of Brain Training Through Visual Mirror Feedback, Action Observation, And Motor Imagery On Orofacial Sensorimotor Variables: A Single-Blind Randomized Controlled Trial - Herranz-Gomez Aida		
16.06	P 7	Using Hypnosis And Virtual Reality During Pre And Postoperative Cardiovascular Surgery - Rousseaux Floriane	P1 6	Exploring Pain, Body Composition And Physical Activity In Children With Cancer: A Case-Control Study – Rheel Emma		
16.12	P 8	The Association Between Central Sensitization And Sleep In Patients With Chronic Spinal Pain And Comorbid Sleep Problems: Secundary Analysis Of A Randomized Controlled Multicenter Trial - Siffain Carolien	P1 7	Localized Neuropathic Pain: Patch Or Pill? A Multicentre, Randomized, Open-Label, Comparative Study - Spaas Catheline		
16.18	P 9	Posterior Spinal Fusion Surgery For Adolescent Idiopathic Scoliosis: Implementation Of A Multidisciplinary Biopsychosocial Perioperative Care Model - Wildemeersch Davina	P1 8	The Cognitive Modulation Of Mechanical Hypersensitivity: Does Autonomic Arousal Play A Role? – Meyers Elke		







	Poste	er Walk C	Poster Walk D		
	Mode	erator: Dr Cigdem Yilmazer	Moderator: Dra Lotte Meert		
15.30	P19	Unravelling The Prognostic Role Of Socio-Cultural Factors In Patients	P2	Peripheral Nerve Stimulation In The Treatment Of Sural Neuroma Pain:	
		With Non-Specific Musculoskeletal Pain In Primary Care Physiotherapy;	8	A Successful Case - Antunes Da Silva Patricia	
		The Cultural Pain Diversity (Cupid) Prospective Cohort Study -			
		Annevelink Renske			
15.36	P20	Pain-Related Fear Is Related To Glenohumeral Movement Variability	P2	Associations Between Cognitive, Emotional And Behavioral Factors And	
		During Unpredictable Reaching Tasks – De Baets Liesbet	9	Symptoms Of Central Sensitization In People With Non-Specific Low	
				Back Pain In Primary Care: A Cross-Sectional Study - Den Brandt Hester	
15.42	P21	The Effect Of Pain Education And Exercise Therapy On Motor Control,	Р3	The Influence Of Physiological Factors On The Nociceptive Flexion	
		Lumbar Muscle Strength And Psychological Factors In Patients With	0	Reflex In Healthy Adults: A Systematic Review And Meta-Analysis –	
		Recurrent Low Back Pain - Goubert Dorien		Dhondt Evy	
15.48	P22	The Effect Of Pain Neuroscience Education And Behavioural Graded	P3	The Effectiveness Of Pain Neuroscience Education On Postoperative	
		Activity Compared To Usual Care On Chronic Pain In Breast Cancer	1	Functioning In Breast Cancer Patients: A Randomized Controlled Trial -	
		Survivors: Protocol For A Randomised Controlled Trial - Lahousse Astrid		Van Der Gucht Elien	
15.54	P23	The Effectiveness Of Hands-Off Therapy In The Management Of	P3	The (Cost-) Effectiveness Of Primary Care For Patients With Chronic	
		Patients With Headache: A Systematic Review - Mukhtar Naziru Bashir	2	Musculoskeletal Pain Following Network Pain Rehabilitation Limburg:	
				Protocol Of A Pragmatic Trial - Lamper Cynthia	
16.00	P24	Protocol For A Randomized Controlled Trial: How Does Exercise	P3	Does Peak Alpha Frequency Predict Secondary Hyperalgesia? - Lebrun	
		Therapy For Knee Osteoarthritis Pain Work? - Puts Sofie	3	Louisien	
16.06	P25	Feasibility Of An Ultrasound-Guided Approach To Radiofrequency	P3	The Predictive Value Of Fear Avoidance Beliefs For Surgical Outcome	
		Ablation Of The Superolateral, Superomedial And Inferomedial	4	Following Lumbar Degenerative Disease: Protocol Of A Systematic	
		Genicular Nerves: A Cadaveric Study - Vanneste Bert		Review And Meta-Analysis - Van Bogaert Wouter	
16.12	P26	The Development And Measurement Properties Of The Dutch Version	Р3	Comparison Of Cooled Versus Conventional Radiofrequency Treatment	
		Of The Fear-Avoidance Component Scale – De Baets Liesbet	5	Of The Genicular Nerves For Chronic Knee Pain: A Multicentre	
				Randomised Controlled Non-Inferiority Pilot Trial (COCOGEN Trial) –	
				Vanneste Thibault	
16.18	P27	The Presence Of Central Sensitization In Chronic Idiopathic Neck Pain: A	Р3	Effectiveness Of A Radiofrequency Treatment Of The Genicular Nerves	
		Study Protocol – Lenoir Dorine	6	In Chronic Knee Pain – Vanneste Thibault	







	Poster Walk E			
	Moderator: Prof. Dr Jessica Van Oosterwijck			
15.30 P37		Association Between Work-Related Factors And Musculoskeletal Pain		
		In Healthcare Workers: Moderating Role Of Pain Catastrophizing And		
		Kinesiophobia – Keyaerts Stijn		
15.36	.36 P38 Unravelling Shoulder- And Knee Pain And Related Disabili			
		Sectional Study Examining The Contribution Of Pathological, Pain		
		Physiological And Psychological Factors – Van Loo Mark		
15.42 P39 Transcutaneous Electrical Ne		Transcutaneous Electrical Nerve Stimulation Reduces Movement-		
		Evoked Pain In People With Chronic Low Back Pain: A Randomised		
		Crossover Study – Leemans Lynn		
15.48	P40	Modulating Mechanisms In Patients With Chronic Subjective Tinnitus: A		
		Study Protocol – De Meulemeester Kayleigh		
15.54	P41	Pharmacological Characterization Of The Spinal A2-Adrenoceptors		
		Subtypes Which Modulates The Nociception - Lopez Corodoba Gustavo		
16.00	P42	Chronic Pain In Ehlers-Danlos Syndrome: A Case Control Study Protocol		
		To Reveal New Insights In Pain Symptomatology And Pathophysiology –		
		Colman Marlies		
16.06	P43	Identifying Pain Generators And Potentiators Of Residual Complaints		
		Following Lumbar Discectomy: Protocol Of A Prospective Cohort Study		
		– Van Oosterwijck Sophie		
16.12	P44	A European Survey About Needs And Beliefs Of Healthcare And Family		
		Caregivers Regarding Pain Assessment And Management In DOC		
		Patients - Bonin Estelle		
16.18	P45	Transcutaneous-VNS and Nociception: electrophysiologic insight from		
		the insula – Dumoulin Manon		







16.30 – 18.15 Plenary session: Central sensitization, what are we actually talking about? A multidisciplinary hot topic debate

Moderator: Drs Andrea Polli

Introduction and voting

Keynote presentation 1: What is central sensitization? - Emanuel Van den Broeke, basic scientist, PhD (UCLouvain)

Keynote presentation 2: Dealing with uncertainty: a clinical perspective on the concept of central sensitisation – Sanneke Don,

Physiotherapist, PhD (VUB)

Keynote presentation 3: Probabilities, predictions, and perceptions - Jonas Zaman, Psychologist, PhD (KU Leuven)

Discussion

Auditorium 51 Maisin

18.15 – 18.30 Closing and awards ceremony

Auditorium 51 Maisin

18.30 – ... Networking event

Hall 71 Simonart