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**SCIENTIFIC
PROGRAMME**

THURSDAY, SEPTEMBER 20

HALL EMERALD 1

● 9:00 – 10:00 **OPENING CEREMONY, SPEECH OF THE PRESIDENT OF ISPO INTERNATIONAL**
Friedbert Kohler (Australia)

10:00 – 10:30 Coffee break

● 10:30 – 12:00 **PLENARY SESSION I**
Chairs: *Friedbert Kohler (Australia), Edward Lemaire (Canada)*

10:30 – 11:00 THE RENAISSANCE IN PROSTHETICS AND ORTHOTICS
Sir Saeed Zahedi (United Kingdom)

11:00 – 11:30 KNEE EXARTICULATION / HOW AND WHEN
Klemen Kerin (Austria)

11:30 – 12:00 LIVING WELL WITH LIMB LOSS: A PSYCHOSOCIAL PERSPECTIVE
Pamela Gallagher (Ireland)

● 12:00 – 12:30 **WORKSHOP – MOOR I**
THE EFFECT OF PROSTHETIC INTERFACES ON THE HEALTH OUTCOMES OF AMPUTEES.
David House, Boštjan Boltežar (Slovenia)

12:00 – 13:30 Lunch

HALL EMERALD 1

● 13:30 – 14:30	PLENARY SESSION II <i>Chairs: Pamela Gallagher (Ireland), Maja Mlakar (Slovenia)</i>
13:30 – 14:00	OUTCOME MEASUREMENT IN PROSTHETICS AND ORTHOTICS <i>Franco Franchignoni (Italy)</i>
14:00 – 14:30	EVIDENCE BASED PROSTHETICS AND ORTHOTICS - NOT JUST OUTCOMES MEASURES. <i>Terry Supan (United States)</i>

HALL EMERALD 1

● 14:30 – 16:00	PSYCHOLOGICAL ISSUES AND PAIN AFTER AMPUTATION <i>Chairs: Pamela Gallagher (Ireland), Miha Rutar (Slovenia)</i>
14:30 – 14:45	RISK OF DEPRESSION FOLLOWING TRAUMATIC LIMB AMPUTATION – A GENERAL POPULATION-BASED COHORT STUDY <i>Helen Lindner, Scott Montgomery, Ayako Hiyoshi (Sweden)</i>
14:45 – 15:00	RELATIONSHIP BETWEEN BRIEF COGNITIVE SCREENING AND FUNCTIONAL OUTCOMES AFTER LOWER EXTREMITY AMPUTATION <i>Miha Rutar (Slovenia)</i>
15:00 – 15:15	ADAPTATION TO LOWER-LIMB AMPUTATION AND SATISFACTION WITH PROSTHESIS <i>Urška Zupanc, Gaj Vidmar (Slovenia)</i>
15:15 – 15:30	ALTERATION OF PAIN IN LOWER LIMB AMPUTEES EFFECTED BY DIFFERENT ANAESTHESIC METHODS <i>Eszter Veszprémi, Agnes Mayer, Peter Farkas (Hungary)</i>
15:30 – 15:45	NEUROREHABILITATION OF PAIN AND FUNCTIONAL RECOVERY VIA PROMOTION OF MOTOR EXECUTION <i>Max Ortiz-Catalan (Sweden)</i>

15:45 – 16:00	<p>PHANTOM MOTOR EXECUTION AS A TREATMENT FOR PHANTOM LIMB PAIN: DESIGNING AN INTERNATIONAL, DOUBLE-BLIND, RANDOMISED, CONTROLLED CLINICAL TRIAL.</p> <p><i>Eva Lendaro, Liselotte Hermanson, Helena Burger, Corry van der Sluis, Brian E. McGuire, Monika Pilch, Lina Bunketorp-Käll, Katarzyna Kulbacka-Ortiz, Ingrid Rignér, Anita Stockselius, Lena Gudmundson, Cathrine Widehammar, Wendy Hill, Sybille Geers, Martin Diers, Max Ortiz Catalan (Sweden)</i></p>
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HALL EMERALD 2

● 14:30 – 16:00	<p>RESEARCH IN P&O</p> <p><i>Chairs: Kerstin Hagberg (Sweden), Zlatko Matjačić (Slovenia)</i></p>
14:30 – 14:42	<p>MECHANICAL TESTING OF DIFFERENT LAMINATED COMPOSITE MATERIALS FOR PROSTHETIC SOCKETS</p> <p><i>Matic Bombek, Uroš Vesenjāk, Marko Pisek, Gaj Vidmar, Maja Mlakar (Slovenia)</i></p>
14:42 – 14:55	<p>CYBERLEGS PLUS PLUS: WEARABLE SENSORS APPARATUS</p> <p><i>Grega Logar, Zoran Ivanič, Marko Munih (Slovenia)</i></p>
14:55 – 15:08	<p>THE EFFICACY OF THE ANKLE MIMICKING PROSTHETIC FOOT PROTOTYPE 4.0 DURING WALKING: PHYSIOLOGICAL DETERMINANTS</p> <p><i>Kevin De Pauw, Pierre Cherelle, Bart Roelands, Dirk Lefeber, Romain Meeusen (Belgium)</i></p>
15:08 – 15:21	<p>3D PRINTING COMBINED WITH GENUINE INNOVATIVE DESIGN ALLOW FOR FULLY INDIVIDUAL APPROACH</p> <p><i>Dejan Tašner, Matej Vlašič, Petra Timošenko (Slovenia)</i></p>
15:21 – 15:34	<p>MACRO-GEOMETRY AND THE OPTIMISED DESIGN OF CARBON COMPOSITE ANKLE-FOOT ORTHOSES.</p> <p><i>David Buchanan (United Kingdom)</i></p>

15:34 – 15:47	VISUAL FLOW WITH AN IMMERSIVE VIRTUAL REALITY SYSTEM REDUCES GAIT VARIABILITY IN STEADY WALKING: A SELF-PACED TREADMILL STUDY <i>Kenji Kato, Keita Aimoto, Izumi Kondo (Japan)</i>
15:47 – 16:00	A NEW METHOD FOR DETERMINING THE LEG LENGTH DISCREPANCY <i>Karlo Obrovac, Zoran Vrhovski, Josip Nižetić, Alan Mutka, Jadranka Vuković-Obrovac (Croatia)</i>
16:00 – 16:30	Coffee break

HALL EMERALD 1

● 16:30 – 17:30	ISPO INITIATIVES <i>Chairs: Rajiv Hanspal (United Kingdom), Nataša Tomić (Bosnia and Herzegovina)</i>
16:30 – 16:50	THE WHO STANDARDS FOR PROSTHETICS AND ORTHOTICS <i>Sandra Sexton, Ander Eklund (United Kingdom)</i>
16:50 – 17:10	MOVAID - INTEGRATION OF ORTHOPAEDIC PRODUCT AND SERVICE PROVISION <i>Saeed Zahedi, Rajiv Hanspal, Marco Cavallaro, Nadine Stech (United Kingdom)</i>
17:10 – 17:20	DIGITAL TECHNOLOGIES PROPOSE EQUITABLE ACCESS TO REHABILITATION SERVICES, FOR PERSONS WITH DISABILITY HUMANITY & INCLUSION PROGRAMS IN AFRICA AND THE MIDDLE EAST <i>Jerome Canicave (Madagascar)</i>
17:20 – 17:30	HUNGARIAN HISTORY OF PROSTHETICS FROM 19TH CENTURY TO THE PRESENT <i>Ágnes Mayer, Mercédesz Hamvasi, Zsolt Káplár, László Vizi (Hungary)</i>

HALL EMERALD 2

● 16:30 – 17:30	WHEELCHAIRS <i>Chairs: Matjaž Mihelj (Slovenia), Metka Moharič (Slovenia)</i>
16:30 – 16:45	POWERED ALL-TERRAIN WHEELCHAIR <i>Matjaž Mihelj, Sebastjan Šlajpah, Janez Podobnik, Jure Rejc, Marko Munih (Slovenia)</i>
16:45 – 17:00	FUNCTIONAL ABILITY OF PATIENTS AFTER STROKE AND PRESCRIPTION OF WHEELCHAIRS <i>Julija Ocepek, Nika Goljar, Mojca Debeljak (Slovenia)</i>
17:00 – 17:15	WHEELCHAIR PRESCRIPTION IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS IN SLOVENIA <i>Metka Moharič (Slovenia)</i>
17:15 – 17:30	HOW ARE PARENTS OF CHRONICALLY ILL CHILDREN SATISFIED WITH THE USE OF WHEELCHAIRS, PROCESSES OF DELIVERY AND MAINTENANCE OF WHEELCHAIRS <i>Darinka Brezovar, Simona Korelc, Katja Groleger Sršen (Slovenia)</i>

HALL EMERALD 1

● 17:30 – 18:00	WORKSHOP – OSSUR I BENEFITS OF LINERS IN LOWER EXTREMITY, WHAT ARE THE POSSIBILITIES FOR YOUR AMPUTEES <i>Wiebe Heidema (The Netherlands)</i>
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HALL EMERALD 2

● 17:30 – 18:15	WORKSHOP - OTTO BOCK I INDIVIDUEL SOLUTIONS FOR YOUR INDIVIDUEL END USERS – HOW LINER MATERIALS AND SUSPENSION CAN INFLUENCE YOUR FITTING QUALITY“ <i>Kai H.Bussiek-Cillien (Germany)</i>
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18:30 – 21:00 Welcome cocktail/Foyer

FRIDAY, SEPTEMBER 21

HALL EMERALD 1

- 08:15 – 08:45 **WORKSHOP - OSSUR 2**
ALGORITHM BEHIND LINER CHOICE, OPTIMAL CHOICE
FOR INDIVIDUAL PATIENT APPROACH
Wiebe Heidema (The Netherlands)

HALL EMERALD 1

- 09:00 – 10:30 **PLENARY SESSION III**
Chairs: Helena Burger (Slovenia), Serap Alsancak (Turkey)
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- 9:00 – 9:30 ORTHOTIC TREATMENT OF DIABETIC FOOT
Peter Farkas (Hungary)
-
- 09:30 – 10:00 EVIDENCE BASED REHABILITATION OF PEOPLE
AFTER LOWER LIMB AMPUTATION: FOCUS ON NEW
DEVELOPMENTS
Johan Rietman, Erik Prinsen (The Netherlands)
-
- 10:00 – 10:30 EVIDENCE BASED REHABILITATION OF PEOPLE AFTER
UPPER LIMB AMPUTATION – ACQUIRED AND CONGENITAL
Corry van der Sluis (The Netherlands)
-
- 10:30 – 11:00 Coffee break

HALL EMERALD 1

● 11:00 – 12:30	ORTHOPAEDIC FOOTWEAR AND LOWER LIMB ORTHOTICS <i>Chairs: Peter Farkas (Hungary), Primož Novak (Slovenia)</i>
11:00 – 11:15	A COMPARISON OF EFFECTIVENESS OF STANDARD AND CAD/CAM-PRODUCED FOOT ORTHOSES <i>Tomaz Štajer, Helena Burger, Gaj Vidmar (Slovenia)</i>
11:15 – 11:30	DETERMINATION OF PLANTAR PRESSURE DISTRIBUTION AND SATISFACTION IN DIFFERENT SPORT SHOES <i>Enver Güven, Ali Koray Özgün, Ms Serap Alsancak (Turkey)</i>
11:30 – 11:45	FOOT ORTHOSES IN RHEUMATOID ARTHRITIS PATIENTS <i>Primož Novak, Zala Kacijan, Gaj Vidmar (Slovenia)</i>
11:45 – 12:00	MODIFIED ORTHOTIC CARE FOR CHILDREN WITH INFANTILE FORM OF BLOUNT'S DISEASE: PRELIMINARY RESULTS <i>Katja Groleger Sršen, Janez Mohar, Hermina Damjan, Žan Boltežar (Slovenia)</i>
12:00 – 12:15	THE USE OF ANKLE-FOOT ORTHOSES IN PATIENTS AFTER STROKE FOR WALKING IN HOME ENVIRONMENT <i>Marko Rudolf, Urška Puh, Nika Goljar (Slovenia)</i>
12:15 – 12:30	EFFECT OF DYNAMIC CONTRACTURE MANAGEMENT FOLLOWING LOW LOAD PROLONGED STRETCH TO OBTAIN AN INCREASE OF RANGE OF MOTION <i>Flora Versyck (The Netherlands)</i>

HALL EMERALD 2

● 11:00 – 12:30	OUTCOME MEASUREMENT IN P&O <i>Chairs: Franco Franchignioni (Italy), Helena Burger (Slovenia)</i>
11:00 – 11:15	ROEHAMPTON STUMP SCORE: A SURVEY OF RESIDUAL LIMB QUALITY <i>Sellaiiah Sooriakumaran, Maggie Walker (United Kingdom)</i>
11:15 – 11:27	PHYSICAL CAPACITY AND REHABILITATION OUTCOME AFTER BILATERAL TRANSTIBIAL AMPUTATION DUE TO PERIPHERAL VASCULAR DISEASE <i>Erjavec Tatjana (Slovenia)</i>
11:27 – 11:39	ESTABLISHING K-LEVELS AND PRESCRIBING TRANSTIBIAL PROSTHESES USING SIX-MINUTE WALK TEST AND ONE-LEG STANDING TEST ON PROSTHESIS <i>Neža Majdič, Gaj Vidmar, Helena Burger (Slovenia)</i>
11:39 – 11:51	THE L TEST OF FUNCTIONAL MOBILITY: RELIABILITY AND CORRELATION WITH THE 6 MINUTE WALK TEST AND THE 10 METER WALK TEST IN PEOPLE AFTER LOWER-LIMB AMPUTATION IN EARLY REHABILITATION – PRELIMINARY RESULTS. <i>Veronika Podlogar, Helena Burger, Simon Drole, Urška Puh (Slovenia)</i>
11:51 – 12:03	DEVELOPMENT OF A FREE-LIVING REHABILITATION MONITOR FOR USE WITHIN LOWER-LIMB PROSTHETIC AND ORTHOTIC POPULATIONS <i>Nicholas Smith, David Loudon, Andy Kerr (United Kingdom)</i>

12:03 – 12:15 INTER-RATER RELIABILITY OF THE AMPUTEE MOBILITY PREDICTOR IN PATIENTS WITH LOWER LIMB AMPUTATIONS
Janja Polenšek Ivančič, Veronika Podlogar, Gaj Vidmar (Slovenia)

12:15 – 12:27 INTER-RATER RELIABILITY OF CLINICAL GAIT ANALYSIS IN PEOPLE AFTER TRANS-TIBIAL AMPUTATION – PRELIMINARY RESULTS
Metka Zalar, Simon Drole, Janja Polenšek Ivančič, Mateja Vesel, Veronika Podlogar (Slovenia)

12:27 – 12:30 Discussion

12:30 – 14:00 Lunch

HALL EMERALD 1

● 12:50 – 13:20 **WORKSHOP - MOOR 2**
USE OF MEGAFLEX PNEUMATIC ORTHOSIS IN THE TREATMENT OF A PERSON WITH NEUROLOGICAL IMPAIRMENT. NEW TRENDS IN ORTHOPAEDIC FOOTWEAR
Herve Teysse, Robert Ferfolja, Enrico Molinari, Žan Boltežar, Tatjana Jeglič

HALL EMERALD 1

● 14:00 – 15:00 **PLENARY SESSION IV**
Chairs: *Sandra Sexton (United Kingdom), Tomaž Maver (Slovenia)*

14:00 – 14:30 CONSIDERATIONS FOR DEVELOPING AN EVIDENCED-BASED PRACTICE IN ORTHOTICS AND PROSTHETICS
Nerrolyn Ramstrand (Sweden)

14:30 – 15:00 SILICONE PROSTHESES - MULTIDISCIPLINARY TEAM APPROACH
Jiri Rosicky, Mario Paravan, Martin Paciorek, Ales Grygar, Tomas Bouma, Petr Chapcak (Czech Republic)

HALL EMERALD 1

● 15:05 – 16:30	<p>REHABILITATION OF PEOPLE AFTER LOWER LIMB AMPUTATION</p> <p><i>Chairs: Johan Rietman (The Netherlands), Sellaiiah Sooriakumaran (United Kingdom)</i></p>
15:05 – 15:17	<p>THE INFLUENCE OF THE PRIMARY PROSTHETIC FITTING ON THE FORMATION OF AMPUTATION STUMP</p> <p><i>Biljana Majstorović (Bosnia and Herzegovina)</i></p>
15:17 – 15:29	<p>EDUCATION AS AN IMPORTANT FACTOR IN PREVENTING LOWER LIMB AMPUTATIONS DUE TO VASCULAR DISEASE</p> <p><i>Martina Omerzo, Romana Petkovšek-Gregorin (Slovenia)</i></p>
15:29 – 15:41	<p>FUNCTIONAL TRAINING OF PATIENTS WITH LOWER LIMB AMPUTATION WITH MUSIC (DMT)</p> <p><i>Tonja Robida, Helena Burger, Mateja Vesel, Zdenka Pihlar (Slovenia)</i></p>
15:41 – 15:53	<p>MOTOR IMAGERY ABILITY AFTER LOWER LIMB AMPUTATION</p> <p><i>Esma Nur Kolbaşı, Burcu Ersöz Hüseyinsinoğlu, Nurgül Bulut (Turkey)</i></p>
15:53 – 16:05	<p>BALANCE CONFIDENCE AND FALLS OF COMMUNITY-DWELLING PATIENTS WITH LOWER-LIMB AMPUTATION</p> <p><i>Andrej Bavec, Helena Burger (Slovenia)</i></p>
16:05 – 16:17	<p>MECHANISMS UNDERLYING DYNAMIC BALANCING DURING PERTURBED WALKING ON A TREADMILL IN SUBJECT WITH A BELOW-KNEE PROSTHESIS</p> <p><i>Zlatko Matjačić, Matjaž Zadavec, Andrej Olenšek, Helena Burger (Slovenia)</i></p>
16:17 – 16:30	<p>TECHNOLOGY USE AMONG OLDER PEOPLE AFTER LOWER LIMB AMPUTATION IN SLOVENIA – PRELIMINARY RESULTS FROM SAAM PROJECT</p> <p><i>Mojca Debeljak, Zlatko Matjačić, Helena Burger (Slovenia)</i></p>

HALL EMERALD II

● 15:05 – 16:30	REHABILITATION OF PEOPLE AFTER UPPER LIMB AMPUTATION <i>Chairs: Corry van der Sluis (The Netherlands), Liselotte Hermansson (Sweden)</i>
15:05 – 15:22	LIFE WITH HAND PROSTHESIS <i>Lena Gabršček (Slovenia)</i>
15:22 – 15:39	DESIGNING A NEW TRAINING METHOD FOR ADVANCED HAND PROSTHESES <i>Cathrine Widehammar, Karin Eriksson, Liselotte Hermansson (Sweden)</i>
15:39 – 15:56	OCCUPATIONAL THERAPY WITH CHILDREN AFTER CONGENITAL AND ACQUIRED AMPUTATION OF HAND <i>Darinka Brezovar, Matej Burgar, Agata Križnar, Helena Burger (Slovenia)</i>
15:56 – 16:13	CHILDREN WITH CONGENITAL LIMB DEFICIENCY; PARENT'S EXPERIENCES OF THEIR ROLE IN DECISION AND TREATMENT <i>Lis Sjöberg, Liselotte Hermansson, Carin Fredriksson (Sweden)</i>
16:13 – 16:30	BILATERAL TRANSHUMERAL AMPUTATION – BODY-POWERED OR ELECTRIC PROSTHESES? <i>Matej Burgar, Maja Mlakar, Helena Burger, Agata Križnar, Zdenka Pihlar (Slovenia)</i>
16:30 – 17:00	Coffee break

HALL EMERALD 1

● 17:00 – 18:30	LOWER LIMB PROSTHETICS <i>Chairs: Edward Lemaire (Canada), Max Ortiz-Catalan (Sweden)</i>
17:00 – 17:12	DIRECT SKELETAL FIXATION (DSF) IN TRANSFEMORAL AMPUTATION: EVIDENCE REVIEW <i>Sellaiiah Sooriakumaran (United Kingdom)</i>
17:12 – 17:24	18 YEARS FOLLOW-UP OF PATIENTS WITH TRANSFEMORAL AMPUTATION TREATED WITH THE OPRA IMPLANT SYSTEM IN SWEDEN - A DESCRIPTION OF IMPLANT MECHANICAL COMPLICATIONS <i>Shadi-Afarin Ghassemi Jahani, Katarzyna Kulbacka-Ortiz, Kerstin Hagberg (Sweden)</i>
17:24 – 17:36	DESCRIPTION OF PROSTHETIC ACTIVITY LEVEL AND IMPLANT MECHANICAL COMPLICATIONS IN PATIENTS WITH UNILATERAL TRANSFEMORAL AMPUTATION TREATED WITH THE OPRA IMPLANT SYSTEM IN SWEDEN – A RETROSPECTIVE COHORT STUDY. <i>Kerstin Hagberg, Katarzyna Kulbacka-Ortiz, Shadi-Afarin Ghassemi Jahani (Sweden)</i>
17:36 – 17:48	INFLUENCE OF AN AUTO-ADAPTIVE PROSTHETIC KNEE ON RESPONSES TO DYNAMIC BALANCE PERTURBATIONS: A RANDOMIZED CROSS-OVER TRIAL <i>Erik Prinsen, Marc Nederhand, Maarten Prins, Bart Koopman, Hans Rietman (The Netherlands)</i>

17:48 – 18:00	COGNITIVE PERFORMANCE AND BRAIN DYNAMICS DURING WALKING WITH CURRENT AND NOVEL PROSTHETIC DEVICES <i>Kevin De Pauw, Pierre Cherelle, Eva De Becker, Bruno Tassignon, Jeroen Van Cutsem, Bart Roelands, Dirk Lefebber, Romain Meeusen (Belgium)</i>
18:00 – 18:12	TAKE THE EXTRA STEPS: VARIABILITY OF SPATIOTEMPORAL AND KINEMATIC VARIABLES OF INDIVIDUALS WITH A TRANSFEMORAL AMPUTATION <i>Erik Prinsen, Jaap Burke, Bart Koopman, Hans Rietman (Netherlands)</i>
18:12 – 18:24	VALIDATION OF THE CYBERLEGS ACTIVE TRANSFEMORAL PROSTHESIS (ATP) DURING VARIED AMBULATION TASKS. <i>Louis Flynn, Joost Geeroms, Dirk Lefebber (Belgium)</i>
18:24 – 18:30	Discussion

17:00 – 18:30 POSTER SESSION

FOYER

● RESEARCH IN P&O

-
- P1 INNOVATIVE MECHATRONICS DEVICE FOR UPPER LIMB REHABILITATION
Tea Arrigoni, Tea Schnurrer Luke Vrbanić, Saša Zelenika, Ervin Kamenar (Croatia)
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- P2 SENSORY SUPPORTED MOVEMENT ANALYSIS METHODS
Sebastjan Šlajpah, Matjaž Mihelj, Marko Munih (Slovenia)
-
- P3 DEVELOPMENT OF NUMERICAL PRODUCTION SYSTEMS FOR THE NEEDS OF O&P PRACTICE
Karlo Obrovac, Jadranka Vuković-Obrovac, Josip Nižetić, Alan Mutka, Zoran Vrhovski, Dejan Tašner (Croatia)
-
- P4 RELIABILITY OF MODIFIED SENSORY INTERACTION SINGLE-LEG STANCE TEST USING A FORCE PLATFORM
Monika Pavlović (Slovenia)

● LOWER LIMB PROSTHETICS

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- P5 DESIGN AND MECHANICAL VERIFICATION BASED ON FEA OF PYLON PROTOTYPE FOR LOWER LIMB PROSTHESIS APPLICATIONS, FABRICATED BY ADDITIVE MANUFACTURING COMPOSITES.
Ignacio López-Gómez, Mr Miguel Araya-Calvo, Nicolette Chamberlain-Simon, José Luis León-Salazar, Teodolito Guillén-Girón, Bruno Chiné, Olga Sánchez-Brenes (Costa Rica)
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- P6 DESIGN OF A NOVEL FOOT DEVICE FOR PROSTHETIC APPLICATIONS FABRICATED WITH FIBER REINFORCEMENT ADDITIVE MANUFACTURING TECHNOLOGY
Miguel Araya-Calvo, Ignacio López-Gómez, Nicolette Chamberlain-Simon, José Luis León-Salazar, Teodolito Guillén-Girón, Juan Sebastián Corrales-Cordero, Olga Sánchez-Brenes (Costa Rica)

P7 MODERN FIRST PROSTHETIC FITTING OF A MOTORCYCLIST FOLLOWING TRAUMATIC BELOW-KNEE AMPUTATION
Borka Gavrilovic, Dr Bozidar Grujic, Dr Branislav Markovic (Serbia)

P8 FITTING HYBRID SOFT SOCKET ON DIFFERENT LOWER LIMB AMPUTATION LEVELS AND MANAGING VOLUME CHANGES
Boštjan Boltežar (Slovenia)

P9 HIP DISARTICULATION PROSTHETIC SOCKET – CLASSICAL (CANADIAN) VS. BIKINI STYLE SOCKET
Robert Janežič (Slovenia)

● REHABILITATION OF PEOPLE AFTER LOWER LIMB AMPUTATION

PI0 PRIMARY REHABILITATION IN THE PROSTHETIC PHASE IN PATIENTS WITH VASCULAR COMPLICATIONS
Nikola Bajić, Biljana Majstorović, Mladen Pešta, Zoran Roljić (Bosnia and Herzegovina)

PII STRUCTURE OF PATIENTS ADMITTED FOR PRIMARY PROSTHETIC REHABILITATION IN THE INSTITUTE „DR MIROSLAV ZOTOVIĆ“ DURING THE PERIOD 2015 – 2017.
Katarina Golić, Biljana Majstorović (Bosnia and Herzegovina)

PI2 6-MINUTE WALK TEST IN PATIENTS AFTER LOWER LIMB AMPUTATION AT DISCHARGE AND AT THE FIRST CONTROL AFTER HOSPITALISATION
Mateja Vesel (Slovenia)

PI3 VARIOUS TYPES OF ULCERS IN PATIENTS HOSPITALIZED DUE TO LOWER LIMB AMPUTATION IN URI-SOČA IN YEAR 2017
Romana Petkovšek-Gregorin (Slovenia)

PI4 INFLUENCE OF ELASTIC ADHESIVE TAPES ON THE IMPROVEMENT OF BLOOD CIRCULATION IN THE REMAINING LIMB IN PATIENTS AFTER LOWER LIMB AMPUTATION – PRELIMINARY RESULTS
Simon Drole, Tatjana Erjavec, Helena Burger (Slovenia)

P15 ASSISTIVE DEVICES FOR PEOPLE AFTER LOWER LIMB AMPUTATION
Sara Rupnik Mihelčič, Helena Burger (Slovenia)

P16 THE MOST FREQUENT SOCIAL PROBLEMS OF PEOPLE AFTER
LOWER LIMB AMPUTATION TREATED AT THE UNIVERSITY
REHABILITATION INSTITUTE IN LJUBLJANA
Jolanda Stevanovič (Slovenia)

● UPPER LIMB PROSTHETICS

P17 THE USE OF 3D PRINTERS IN UPPER LIMB PROSTHETICS
Nejc Markus (Slovenia)

P18 EFFECTS OF UPPER-LIMB PROsthESIS ON KINETIC PARAMETERS IN
GAIT CYCLE
Senem Guner, Serap Alsancak (Turkey)

P19 USER SATISFACTION WITH UPPER LIMB PROsthESIS AND SERVICE
AT THE CENTRE FOR ORTHOTICS AND PROsthETICS
Maja Mlakar, Helena Burger, Matej Burgar (Slovenia)

P20 CLINICAL CASES OF PATIENT CARE WITH SILICONE AESTHETIC
PROsthESIS AND EPIThESIS IN SLOVENIA
Špela Kerin (Slovenia)

P21 IMPROVEMENT IN HAND FUNCTION WITH PROsthETIC FINGER
EXTENSION IN PATIENT AFTER POLYTRAUMA AND STROKE
Natasa Ogrin Jurjevic, Tomaz Maver, Primoz Novak (Slovenia)

P22 COMPARISON OF DIFFERENT SPLINT MATERIALS FOR TREATING
TRIGGER THUMB
Dejana Zajc (Slovenia)

P23 CUSTOM-MADE NEOPRENE ORTHOSES
Mira Barič (Slovenia)

P24 INVESTIGATING THE PREFERENCES OF PROsthETIC LIMB USERS:
AN ONLINE SURVEY
Anna Vlachaki, Abby M. J. Paterson, C. Samantha Porter, Richard J. Bibb (United Kingdom)

P25 SATISFACTION OF VERY ACTIVE USER WITH LOWER LIMB PROSTHESIS AT A CENTRE FOR ORTHOTICS AND PROSTHETICS
Uroš Vesenjāk, Maja Mlakar, Helena Burger (Slovenia)

P26 PROSTHESIS SATISFACTION AND SELF-PERCEPTION IN THE LOWER LIMB AMPUTEE
Maja Tomašević, Vedran Ružić, Neven Kauzlarić (Croatia)

P27 IMPACT OF ADVANCED ASSISTIVE TECHNOLOGY ON USER SATISFACTION OF A PERSON WITH TETRAPLEGIA – CASE STUDY
Mojca Debeljak, Julija Ocepek (Slovenia)

● LOWER LIMB ORTHOTICS

P28 COMPARISON OF EFFECTS OF THREE CUSTOM-MADE ANKLE-FOOT ORTHOSES ON GAIT PATTERN AND SPEED IN PATIENTS AFTER STROKE: MULTIPLE CASE REPORT
Marko Rudolf, Andreja Erzar, Maruša Kržišnik, Nika Goljar, Helena Burger, Urška Puh (Slovenia)

P29 STABILOMETRIC ANALYSIS IN PATIENTS SUPPLIED WITH ANKLE AND FOOT ORTHOSIS
Iva Lončarić, Krešimir Horvat, Ognjen Živković (Croatia)

P30 COMPARISON OF DIFFERENT ANKLE-FOOT ORTHOSES IN PATIENTS AFTER A STROKE: THE EFFECTS ON FUNCTIONAL MOBILITY AND PATIENTS' OPINION: A PILOT STUDY
Tina Freitag, Nataša Bizovičar, Marko Rudolf, Maruška Kržišnik, Urška Puh (Slovenia)

P31 FOLLOW-UP ON USAGE OF SERIAL ANKLE-FOOT ORTHOSES AND ANKLE ORTHOSES –RESULTS OF A SURVEY
Gorec Petra, Nika Goljar (Slovenia)

P32 THE IMPACT OF ANKLE FOOT ORTHOSIS WITH DORSAL AND VENTRAL SPRING ANKLE JOINT ON GAIT PATTERN IN CHILD WITH HEMIPLEGIC CEREBRAL PALSY – A CASE STUDY
Ksenija Osrečki, Imre Cikajlo, Varja Flander, Katja Groleger Sršen (Slovenia)

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- P33 STANCE-CONTROL KNEE-ANKLE-FOOT ORTHOSIS: A CASE STUDY
Marko Pisek, Klemen Grabljevec (Slovenia)
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- P34 THE IMPACT OF STATIC PROGRESSIVE STRETCH ON THE RANGE OF MOTION IN HEAMOPHILIC PATIENTS AFTER TOTAL KNEE REPLACEMENT
Borut Pompe, Simona Filipidis, BSc (physio) Petra Dovč, Prof. Peter Bonutti (Slovenia)
-
- P35 APPLICATION OF BOTULIN TOXINE AND ORTHOSIS IN TREATMENT OF SPASTICITY IN CHILDREN WITH CEREBRAL PALSY- CASE REPORT
Miriam Brenčič, Darko Kraguljac, Tea Schnurrer Luke Vrbanic (Croatia)

● ORTHOPAEDIC FOOTWEAR

-
- P36 COMPARISON OF FOOT PLANTAR PRESSURE MEASUREMENT WITH FOOTPRINT METHOD
Enver Güven, Ali Koray Özgün, Senem Güner, Serap Alsancak (Turkey)

● SPINAL ORTHOTICS

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- P37 APPLICATION OF SPINAL ORTHOSIS IN TREATMENT OF PATIENTS WITH IDIOPATHIC SCOLIOSIS
Djurdjica Papic, Goran Talić, Samra Pjanić, Gabriela Mirković, Nataša Tomić (Bosnia and Herzegovina)
-
- P38 TREATMENT WITH SEAS SCOLIOSIS-SPECIFIC EXERCISES AND BRACING IN THREE GIRLS WITH AIS
Nada Naglič, Anja Udovčič Pertot, Josip Horvat (Slovenia)
-
- P39 BRACING FOR CHRONIC LOW BACK PAIN IN ADULTS WITH SPINAL DEFORMITIES: RESULTS OF A NEW MODULAR PREFABRICATED BRACE
Domenico Pallini (Italy)
-
- P40 USER SATISFACTION WITH CUSTOM-MADE ABDOMINAL HERNIA BELTS
Tjaša Lahovič (Slovenia)

● WHEELCHAIRS

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- P41 CUSTOM MADE SEATING UNIT
Gregor Hočevar (Slovenia)
-
- P42 USABILITY OF USERS ASSESSMENT OF SATISFACTION WITH WHEELCHAIR AND RELATED SERVICES BASED ON QUEST 2.0 (QUEBEC USER EVALUATION OF SATISFACTION WITH ASSISTIVE TECHNOLOGY - VERSION 2.0)
David Brecelj, Katja Brancelj Galič, Mojca Debeljak (Slovenia)
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- P43 FUNCTIONS OF POWERED WHEELCHAIRS FOR VERY HEAVY MOVEMENT HANDICAP IN SLOVENIA
Anita Erženičnik (Slovenia)
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- P44 FITTING AN ELECTRICAL POWERED WHEELCHAIR FOR A YOUNGER HIGH COMPLETE CERVICAL SPINAL CORD INJURY PATIENT
Tanja Štefančič Smisl, Urša Miklič, Petra Grabner, Nataša Puzić (Slovenia)
-
- P45 PROTOCOL OF ASSESSMENT AND TRAINING FOR WHEELCHAIR USE IN PATIENTS WITH LOWER LIMB AMPUTATION
Dragomir Arambašić (Bosnia and Herzegovina)
-
- P46 WHEELCHAIRS FOR PEOPLE AFTER LOWER LIMB AMPUTATION
Agata Križnar, Helena Burger (Slovenia)
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- P47 WHEELCHAIR TESTING IN LONG-TERM WHEELCHAIR USER WITH MUSCULAR DYSTROPHY
Katja Brancelj Galič (Slovenia)

● MISCELANEOUS

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- P48 MULTIDRUG RESISTANT BACTERIA AND HAND HYGIENE IN PROSTHETICS AND ORTHOTICS
Irena Zupančič Knavs, Urška Zupanc, Helena Burger (Slovenia)
-
- P49 REVIVING THE WORK OF ISPO IN BOSNIA AND HERZEGOVINA
Nataša Tomić, Biljana Majstorović, Đurđica Stevanović-Papić, mr Predrag Stojanović (Bosnia and Herzegovina)

19:30 – 23:00 Conference dinner/Beach party

SATURDAY, SEPTEMBER 22

HALL EMERALD 1

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- 08:00 – 08:45 **WORKSHOP - OTTO BOCK 2**
EXTREMITY RECONSTRUCTION IN THE 21ST CENTURY
Oskar Aszmann (Austria)

HALL EMERALD I

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- 09:00 – 10:00 **PLENARY SESSION V**
Chairs: Nerrolyn Ramstrand (Sweden), Franz Landauer (Austria)
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- 09:00 – 09:30 BIOMECHANICAL EVALUATION OF A VARIABLE RESISTANCE ORTHOTIC KNEE
Edward Lemaire, Johnny Farah, Jawaad Bhatti, Chris Duke (Canada)
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- 09:30 – 10:00 EVIDENCE BASED ON CONSERVATIVE TREATMENT OF SPINAL DISORDERS
Fabio Zaina (Italy)

10:00 – 10:30 Coffee break

HALL EMERALD 1

● 10:30 – 12:00	SPINAL ORTHOTICS <i>Chairs: Fabio Zaina (Italy), Anja Udovčič Pertot (Slovenia)</i>
10:30 – 10:45	BIOMECHANICS OF THE LUMBAR SPINE IN BRACING <i>Franz Landauer (Austria)</i>
10:45 – 11:00	QUANTITATIVE ASSESSMENT OF SPINAL BRACE WEAR IN TREATMENT OF IDIOPATHIC SCOLIOSIS <i>Anja Udovčič Pertot, Josip Horvat (Slovenia)</i>
11:00 – 11:15	THE OUTCOME OF A MODIFIED VERSION OF THE RIGOCHENEAU BRACE (MOOR S BRACE) IN ADOLESCENT IDIOPATHIC SCOLIOSIS (AIS): A RETROSPECTIVE STUDY <i>Marina Mršnik, Edita Boltežar Smuk, Nikša Hero (Slovenia)</i>
11:15 – 11:30	EFFECT OF BACKPACK LOAD ON HEAD POSTURE AND PERFORMANCE <i>Serap Alsancak, Senem Guner (Turkey)</i>
11:30 – 11:45	PRIMARY EVALUATION OF A HEAD ORTHOSIS CONCEPT ON ACTIVITY LEVEL OF NECK MUSCLES <i>Mohammad Nauzef Mahmood, Ali Tabasi, Hans de Koning, Idsat Kingma, Jaap H. van Dieën (The Netherlands)</i>
11:45 – 12:00	TRUNK MOVEMENT AND MUSCLE ACTIVITY IN CHILDREN WITH DUCHENNE MUSCULAR DYSTROPHY WHEN PERFORMING SEATED DAILY ACTIVITIES <i>Laura Peeters, Idsat Kingma, Jaap van Dieën, Imelda de Groot (The Netherlands)</i>

HALL EMERALD 2

● 10:30 – 12:00	UPPER LIMB PROSTHETICS <i>Chairs: Dick H. Plettenburg (The Netherlands), Jiri Rosicky (Czech Republic)</i>
10:30 – 10:50	UPPER-LIMB PROSTHESES – FUTURE PERSPECTIVES <i>Dick H. Plettenburg (The Netherlands)</i>
10:50 – 11:10	NEURAL CONTROL AND DIRECT SKELETAL ATTACHMENT OF BIONIC LIMB PROSTHESES <i>Max Ortiz-Catalan, Jason Millenaar, Alexander Thesleff, Bo Håkansson, Rickard Brånemark (Sweden)</i>
11:10 – 11:25	PERFORMING SHAP TEST WITH BODY-POWERED AND MYOELECTRIC SIMULATOR <i>Helena Burger, Matej Burgar, Maja Mlakar, Darinka Brezovar, Urša Miklič, Sebastjan Šlajpah, Matjaž Mihelj (Slovenia)</i>
11:25 – 11:40	PLAYING MUSICAL INSTRUMENTS WITH SILICONE PROSTHESIS – PRELIMINARY RESULTS <i>Tomaz Maver, Helena Burger, Gaj Vidmar (Slovenia)</i>
11:40 – 11:55	SATISFACTION, ADJUSTMENT AND CONTINUED USE OF UPPER LIMB PROSTHESES IN SLOVENIA <i>Klara Šosterič, Helena Burger, Gaj Vidmar (Slovenia)</i>
11:55 – 12:00	Discussion

HALL EMERALD 1

● 12:00 – 12:30	CLOSING CEREMONY
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