



JÖNKÖPING UNIVERSITY
School of Health and Welfare

Theses presentations of the graduating class of the Prosthetics & Orthotics Program 2022

Prosthetics & Orthotics Thesis Presentations (2022)

4th, 5th, & 6th of May 2022, 8:30-16:10



The location of the presentations is in the QR code or link below:

<https://ju-se.zoom.us/j/62434336095?pwd=cFV0QlhqSUU4TGRRtNE9LUjY4REhYZz09&from=addon>

Please consider yourself invited to attend the presentations of bachelor theses for 3rd-year graduating students in the Prosthetics & Orthotics Program at Jonkoping University, School of Health & Welfare for the academic year 2020. The presentations will take place on the 4th, 5th & 6th of May 2022 in the Kurt Johansson Aulan at the School of Health & Welfare, Jönköping University & the Zoom-link provided above.

If you have questions, feel free to contact David Rusaw: david.rusaw@ju.se



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Schedule of Presentations

Wednesday the 4th of May 2022

Authors: Karin Petterson & Vilma Lejonberg 8:30-9:30

Title Adherence in orthotic alternatives compared to the benchmark treatment of idiopathic congenital talipes equinovarus: a systematic review

Opponents: Felizia Wikner Zienkiewicz & Emma Lindén

Moderators: Ida & Andreasson & Lisa Kindbom Uddh

Examiner: Saffran Möller

Authors: Ida Andreasson & Lisa Kindbom Uddh 9:40-10:40

Title Comparison of non-invasive neuromodulation and plasticity guided treatment methods in patients experiencing phantom limb pain: a systematic review

Opponents: Jeana Abou Azan & Maria Foschi

Moderators: Faisal Ahmed Jalal & Oskar Lundberg

Examiner: Saffran Möller

Authors: Felizia Wikner Zienkiewicz & Emma Lindén 10:50-11:50

Title Comparison of treatment results between Providence night-time brace and Boston full-time brace for idiopathic scoliosis in adolescence: a systematic review

Opponents: Faisal Ahmed Jalal & Oskar Lundberg

Moderators: Jeana Abou Azan & Maria Foschi

Examiner: David Rusaw

Authors: Jeana Abou Azan & Maria Foschi 12:50-13:50

Title Investigating validity and reliability of the 11-item G-SAP scale in individuals with lower limb amputation - A new questionnaire for evaluating psychological factors influencing gait

Opponents: Karin Petterson & Vilma Lejonberg

Moderators: Felizia Wikner Zienkiewicz & Emma Lindén

Examiner: Louise Bæk Larsen

Authors: Faisal Ahmed Jalal & Oskar Lundberg 14:00-15:00

Title Change of the quality of life for people with diabetes over a 10-year period receiving orthotic care to prevent ulcers

Opponents: Ida Andreasson & Lisa Kindbom Uddh

Moderators: Karin Petterson & Vilma Lejonberg

Examiner: Louise Bæk Larsen



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Thursday the 5th of June 2022

Authors: Deepak Padinjarakuttu Santhosh & Jithu Thekkeppurath Saju 8:30-9:30

Title Efficiency of novel ankle-foot orthosis types in patients with cerebral palsy: a scoping review

Opponents: Berglind Jónsdóttir & Tóbias Halldórsson

Moderators: Sandra Gustaffson & Katrin Lilienthal

Examiner: Ulla Tang

Authors: Sandra Gustaffson & Katrin Lilienthal 9:40-10:40

Title An Analysis of National and International Clinical Practice Guidelines of Conservative Scoliosis Treatment using the AGREE II Instrument

Opponents: Sara Overgaard Dich & Jens Dyekær Nielsen

Moderators: Berglind Jónsdóttir & Tóbias Halldórsson

Examiner: Cleveland Barnett

Authors: Berglind Jónsdóttir & Tóbias Halldórsson 10:50-11:50

Title Experiences of Treatment Options for Individuals with Proximal Femoral Focal Deficiency - A qualitative interview study about the certified prosthetist/orthotist perspective from the nordic countries

Opponents: Deepak Padinjarakuttu Santhosh & Jithu Thekkeppurath Saju

Moderators: Joelle Schunck & Lisa Korsgren

Examiner: Saffran Möller

Authors: Sara Overgaard Dich & Jens Dyekær Nielsen 12:50-13:50

Title An investigation of circumstances surrounding prosthetic users' fall and fear of falling - A Cross-Sectional Survey

Opponents: Joelle Schunck & Lisa Korsgren

Moderators: Deepak Padinjarakuttu Santhosh & Jithu Thekkeppurath Saj

Examiner: Saffran Möller

Authors: Joelle Schunck & Lisa Korsgren 14:00-15:10

Title Deformation of the Iceross Casting Liner® during TT Direct Socket manufacturing - A pilot study investigating the liner and the effect of pressure, shape, and inherent features

Opponents: Sandra Gustaffson & Katrin Lilienthal

Moderators: Sara Overgaard Dich & Jens Dyekær Nielsen

Examiner: David Rusaw



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Friday the 6th of May 2022

Authors: Peter Wibe Enevoldsen & Miles Bailey-Brændgaard 8:30-9:30

Title Accuracy and Reliability of 3D Scanning Spatial Data when Capturing Limb Morphology for Use within Prosthetics and Orthotics: A Scoping Review

Opponents: Johan Petersson & Swan Yen Eng

Moderators: Nikolaj Ejlskov Hansen & Rikke Rasmussen

Examiner: Ulla Tang

Authors: Johan Petersson & Swan Yen Eng 9:40-10:40

Title Orthotic interventions for lower limb impaired patients with multiple sclerosis: an Umbrella Review

Opponents: Jonna Lind och Lisa Nilsson

Moderators: Maria Friis & Nadja Kvistgaard Andersen

Examiner: Gustav Jarl

Authors: Jonna Lind och Lisa Nilsson 10:50-11:50

Title The effect of different orthoses during gait for children with spastic equinus following cerebral palsy: a systematic review

Opponents: Nikolaj Ejlskov Hansen & Rikke Rasmussen

Moderators: Malin Stafås & Louise Dömstedt

Examiner: Gustav Jarl

Authors: Nikolaj Ejlskov Hansen & Rikke Rasmussen 12:50-13:50

Title Developing and Testing the Usability of a Communication Tool to enhance Evidence into Practice - A qualitative pilot study

Opponents: Peter Wibe Enevoldsen & Miles Bailey-Brændgaard

Moderators: Jonna Lind och Lisa Nilsson

Examiner: Gustav Jarl

Authors: Maria Friis & Nadja Kvistgaard Andersen 14:00-15:00

Title Donation of used assistive devices – A qualitative study

Opponents: Malin Stafås & Louise Dömstedt

Moderators: Johan Petersson & Swan Yen Eng

Examiner: Gustav Jarl

Authors: Malin Stafås & Louise Dömstedt 15:10-16:10

Title The evidence base of elevated vacuum and pin-lock suspension system in transtibial prosthetic users: A literature review with a systematic approach

Opponents: Maria Friis & Nadja Kvistgaard Andersen

Moderators: Peter Wibe Enevoldsen & Miles Bailey-Brændgaard

Examiner: Gustav Jarl