

## Dissertations 2025

In 2025 68 dissertations took place within AMS. These were defended either at University of Amsterdam or Vrije Universiteit Amsterdam, and the PhD candidates were supervised by researchers affiliated with Amsterdam Movement Sciences Research Institute. We are proud to present the list of dissertations on the following pages.

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1. Berkhout, M. J. L., Treatment of symptomatic osteoarthritis of the wrist and thumb base. Iwan Dobbe, Marco Ritt, Geert Streekstra. 2/14/2025. (Vrije Universiteit Amsterdam)
2. bij de Weg, J. M., Aspirin in pregnancy. Marjon de Boer, Christianne de Groot, Hanneke de Vries. 2/18/2025. (Vrije Universiteit Amsterdam)
3. Bonell Monsonís, O., ZERO RISK DOES NOT EXIST. Vincent Goutteborge, Jörg Spörri, Evert Verhagen. 6/23/2025. (Vrije Universiteit Amsterdam)
4. Bouwmeester, T. A., Cardiac autonomous function and large-vessel hemodynamics. Didier Collard, Aart Nederveen, Bert-Jan H. van den Born. 11/20/2025. (Universiteit van Amsterdam)
5. Broers, D. L. M., Is the customer King?. A. de Jongh, Jan de Lange, Leander Dubois. 1/29/2025. (Universiteit van Amsterdam)
6. Buijs, G. S., Knee arthroplasty loosening. Leendert Blankevoort, Matthias Schafroth. 5/27/2025. (University of Amsterdam)
7. Burger, J. A., Tough choices in unicompartmental knee arthroplasty. Gino Kerkhoffs, P.A. Nolte, H.A. Zuiderbaan. 3/21/2025. (University of Amsterdam)
8. Caso, S., Enhancing the Understanding of Perceptual-Motor Skills through Video Notational Analysis. Yannick Hill, John van der Kamp. 6/13/2025. (Vrije Universiteit Amsterdam)
9. Cillekens, B. L. G., Occupational physical activity and health. Pieter Coenen, Maaïke Huijsmans, Allard van der Beek, Willem van Mechelen. 1/15/2025. (Vrije Universiteit Amsterdam)
10. Dahmen, J., Incremental cartilage damage of the ankle. Gino Kerkhoffs, Sjoerd Stufkens. 10/31/2025. (Universiteit van Amsterdam)
11. Dam, M., Physical Performance and Protein-energy Wasting in Chronic Kidney Disease and Nocturnal Hemodialysis. Franciscus Jan van Ittersum, Frans van Ittersum, Brigitta van Jaarsveld, Peter Weijs. 5/21/2025. (Vrije Universiteit Amsterdam)
12. de Ruiter, R. D., Disease activity in Fibrodysplasia Ossificans Progressiva. Elisabeth Eekhoff, Dimitra Micha, Petrus Raijmakers, Mohammed Maqsood Yaqub. 3/4/2025. (Vrije Universiteit Amsterdam)
13. el Mathari, S., Optimization of cardiac surgery outcomes by use of modern imaging modalities. Marco Gotte, M.J.W. Götte, Jolanda Kluin, Aart Nederveen, Pim van Ooij. 12/9/2025. (Universiteit van Amsterdam)
14. Felius, R. A. W., Making Sense of Sensor Data. Sjoerd Matthijs Bruijn, Michiel Punt, Jaap van Dieen. 9/16/2025. (Vrije Universiteit Amsterdam)
15. Frazzei, G., Predict to prevent. Sander Tas, Ronald van Vollenhoven. 6/3/2025. (University of Amsterdam)
16. Gramberg, M. C. T. T., Osteomyelitis of the foot in people with diabetes. Vincent de Groot, Martin den Heijer, Edgar Peters, Louise Sabelis. 3/19/2025. (Vrije Universiteit Amsterdam)

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17. Guevara Morel, A. E., Economic evaluations using real-world data. Judith Bosmans, Johanna Maria van Dongen, Digna Johanna Fransina van Schaik. 5/9/2025. (Vrije Universiteit Amsterdam)
18. Hagemeyer, N. C., Novel assessment techniques to diagnose syndesmotic instability. C. W. DiGiovanni, Gino Kerkhoffs, Bart Lubberts. 12/5/2025. (Universiteit van Amsterdam)
19. Heijboer, W. M. P., Diagnosis of longstanding groin pain in athletes. A. Serner, Hans Tol, A. Weir. 9/10/2025. (Universiteit van Amsterdam)
20. Heijsters, F. A. C., Surfing through digitalization. Mark-Bram Bouman, Martine de Bruijne, Margriet Mullender, Femke van Nassau. 9/23/2025. (Vrije Universiteit Amsterdam)
21. Helmer, L. M. L., Moving on after trauma. Jan de Lange, Leander Dubois, Michail Koutris, Frank Lobbezoo. 9/29/2025. (Universiteit van Amsterdam)
22. Hulshof, C. M., Plantar tissue stress in people with diabetes. Sicco Bus, M.A.G.M. Pijnappels, Jaap J. van Netten, S.J.J. van Netten. 5/9/2025. (University of Amsterdam)
23. Jenks, A. D., Managing Low Back Pain in Older Adults. Trijnke Hoekstra, Sidney Mark Rubinstein, Maurits van Tulder. 12/11/2025. (Vrije Universiteit Amsterdam)
24. Kievit, A. J., Life with arthroplasty. Leendert Blankevoort, Gino Kerkhoffs, Paul Kuijer, Matthias Schafroth. 1/23/2025. (University of Amsterdam)
25. Klerx, S. P., MAPPING LOW BACK PAIN. Sjoerd Matthijs Bruijn, Michel Coppieters, Annelies Goudzwaard, H. Kiers. 10/13/2025. (Vrije Universiteit Amsterdam)
26. Koolwijk, P., Movement Matters. Sanne Irene de Vries, Remo Mombarg, Geert Savelsbergh. 4/17/2025. (Vrije Universiteit Amsterdam)
27. Kragting, M., The complex (virtual) reality and illness perceptions of people with neck pain. Michel Coppieters, Annelies Goudzwaard, L.P. Voogt. 6/16/2025. (Vrije Universiteit Amsterdam)
28. Luijten, S. C. M., The Road to Tailored Injury and Illness Prevention in Adapted Sports. J.F.M. Holla, Thomas Janssen, Joske Nauta, Evert Verhagen. 2/11/2025. (Vrije Universiteit Amsterdam)
29. Lutke Schipholt, I. J. M., Exploring Neuroimmunological Mechanisms in Neck Pain and the Impact of Musculoskeletal Physiotherapy. Michel Coppieters, Wendy Scholten-Peeters. 9/10/2025. (Vrije Universiteit Amsterdam)
30. Memelink, R. G., Keep the muscles, lose the fat.: I. Bautmans, J. D. Schoufour, Michael Tieland, Peter Weijs. 6/17/2025. (Vrije Universiteit Amsterdam)
31. Merton, R., Accelerated 4D MRI for the assessment of aortic motion. Aart Nederveen, Eric Schrauben, Gustav Strijkers, Pim van Ooij. 6/24/2025. (University of Amsterdam)
32. Morrison, A. I., Modelling stromal-competent human lymph nodes in vitro. Lotte de Winde, Susan Gibbs, Jasper Koning, Reina Mebius. 6/30/2025. (Vrije Universiteit Amsterdam)
33. Nieboer, W., Paralympic Movement meets Eye Movements. Eli Brenner, David Mann. 5/14/2025. (Vrije Universiteit Amsterdam)

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34. Nikolakis, D., Pathogenetic mechanisms and therapeutic target discovery in chronic immune-mediated inflammatory diseases. Geert D'Haens, Joep Grootjans, Marleen van de Sande. 11/27/2025. (Universiteit van Amsterdam)
35. O'Byrne, A. M., Cracking tolerance. Lisa van Baarsen, Marleen van de Sande. 9/12/2025. (Universiteit van Amsterdam)
36. Oorschot, S., Improving physical fitness in neuromuscular diseases. Merel Brehm, Frans Nollet, Eric Voorn. 2/20/2025. (University of Amsterdam)
37. Ophey, M. J., Patellofemoral pain in young adults. Gino Kerkhoffs, Igor Tak. 3/13/2025. (University of Amsterdam)
38. Oud, T. A. M., Effectiveness of 3D-printed orthoses in persons with chronic hand conditions. Merel Brehm, Frans Nollet. 2/6/2025. (University of Amsterdam)
39. Penning, D., Improving ankle fracture surgery. Jens Halm, Tim Schepers. 3/13/2025. (University of Amsterdam)
40. Podieh, F. A., Regulatory mechanisms of endothelial barrier function. Peter Hordijk, Coen Ottenheijm. 5/2/2025. (Vrije Universiteit Amsterdam)
41. Popal, Z., Enhanced trauma care for the severely injured. Frank Bloemers, Georgios Giannakopoulos. 1/7/2025. (Vrije Universiteit Amsterdam)
42. Rijpma, D. D., Exploring Advancement in Operative Burn Care. Karel Claes, Annebeth Meij-de Vries, Anouk Pijpe, Paul van Zuijlen. 6/4/2025. (Vrije Universiteit Amsterdam)
43. Schreuder, W. H., A focus on Craniomaxillofacial Giant Cell Neoplasms. Arjen H. G. Cleven, Jan de Lange, Frederik Rozema, Henk van den Berg. 4/2/2025. (Universiteit van Amsterdam)
44. Smeets, G. J. J., Connected By Music. Xavier Moonen, Erik Scherder, Karin Volkers. 11/27/2025. (Vrije Universiteit Amsterdam)
45. Sueters, J., Vagina transplantation: fantasy or reality?. Freek Groenman, Zeliha Guler, Judith Huirne, Theo Smit. 5/13/2025. (Vrije Universiteit Amsterdam)
46. Szücs, A., Personality determinants of depression, suicide risk, and help-seeking in old age. A.Y. Dombrowski, Andrea Maier, K. Szanto, J.M. Valderas. 11/17/2025. (Vrije Universiteit Amsterdam)
47. van de Kamp, M. M., Psychomotor diagnostics and treatment for posttraumatic stress disorder. Peter Beek, Pim Cuijpers, Claudia Emck, M. Scheffers. 3/11/2025. (Vrije Universiteit Amsterdam)
48. van der Made, A. D., Hamstring tendon injury. Gino Kerkhoffs, Hans Tol, J.L. Tol. 4/10/2025. (University of Amsterdam)
49. van Gameren, M., In Balance: Weighing the Outcomes. Judith Bosmans, Daniel Bossen, Mirjam Adriana Gijsberta Maria Pijnappels, Bart Visser. 6/18/2025. (Vrije Universiteit Amsterdam)
50. van Iersel, T. P., Patient centered management of anterior shoulder instability. Michel van den Bekerom, D.F.P. van Deurzen, A. van Noort. 3/27/2025. (Vrije Universiteit Amsterdam)

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51. van Nunen, D. P. F., Robin sequence. Corstiaan Breugem, Peter Don Griot, E.C. Paes. 5/6/2025. (University of Amsterdam)
52. van Ooij, B., Multimodal pain management and fixation techniques in total knee arthroplasty. Leendert Blankevoort, Daniel Haverkamp, Matthias Schafroth. 12/16/2025. (Universiteit van Amsterdam)
53. van Spanning, S. H., Risk Factors for Treatment Failure following Traumatic Anterior Shoulder Instability. Geert Buijze, Michel van den Bekerom, L.P.E. Verweij. 12/12/2025. (Vrije Universiteit Amsterdam)
54. van Vliet, K. E., Study of hockey and orodental trauma. H.S. Brand, Jan de Lange, Frank Lobbezoo. 12/5/2025. (Universiteit van Amsterdam)
55. Verberne, S. J., Supportive Diagnostics for Periprosthetic Joint Infection: The Contribution of Nuclear Imaging and Alpha-Defensin Testing. Otto S. Hoekstra, Petrus Raijmakers, Olivier Temmerman. 10/29/2025. (Vrije Universiteit Amsterdam)
56. Voet, J. G. W., Gearing up for greatness. Jos de Koning, Robert Lamberts, Antonius Henricus Maria van Erp. 5/6/2025. (Vrije Universiteit Amsterdam)
57. Wagenaar, C. A., Plants for health. Dirkjan van Schaardenburg, Ronald van Vollenhoven, Wendy Walrabenstein. 11/5/2025. (Universiteit van Amsterdam)
58. Wassenaar, N. P. M., Quantitative MRI in pancreatic and liver diseases. Aart Nederveen, Jurgen Runge, Jaap Stoker, Hanneke van Laarhoven. 10/28/2025. (Universiteit van Amsterdam)
59. Weijdijk, L. P. M., Oral Health and diabetes: from evidence to insights. Jan de Lange, Dagmar Else Slot, G.A van der Weijden. 12:00:00 AM. (Universiteit van Amsterdam)
60. Wesselink, E. O., Unravelling the clinical meaning of paraspinal muscle health decline in low back pain through advances in computer vision. Michel Coppieters, Jim Elliott, Annelies Goudzwaard, Kenneth Weber. 4/8/2025. (Vrije Universiteit Amsterdam)
61. Wiersinga, J. H. I., Heart Brain Health in Geriatric Patients. Majon Muller, Mike Peters, Hanneke Rhodius, Marijke Trappenburg. 6/4/2025. (Vrije Universiteit Amsterdam)
62. Willemse, S. H., Contemporary challenges in the diagnosis & treatment of nontuberculous mycobacterial cervicofacial lymphadenitis.. Jan de Lange, Luc Karssemakers, Jerome Lindeboom. 12/3/2025. (Universiteit van Amsterdam)
63. Willinge, G. J. A., Virtual fracture care. Johan Goslings, B. A. Twigt, R. N. van Veen. 4/25/2025. (University of Amsterdam)
64. Yin, Q., Navigating a rugged landscape: exploring keloid treatment and advancing intralesional corticosteroid administration. Susan Gibbs, Oren Lapid, Frank Niessen, Albert Wolkerstorfer. 6/23/2025. (Vrije Universiteit Amsterdam)
65. Zhang, Y., Moving from the lab to home. Sjoerd Matthijs Bruijn, Sina David, Mirjam Adriana Gijssberta Maria Pijnappels. 6/16/2025. (Vrije Universiteit Amsterdam)

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66. Zhong, W., Unraveling novel pathogenic mechanisms mediating PLS3-linked osteoporosis. Nathalie Bravenboer, Elisabeth Eekhoff, Dimitra Micha, Janak Lal Pathak. 9/25/2025. (Vrije Universiteit Amsterdam)
67. Zi, Y., Early Motor Development and Physical Activity: A Behavioral Genetic Approach. Eco de Geus, Fuzhong Li. 1/8/2025. (Vrije Universiteit Amsterdam)
68. Ziaee, A., Narratives on Iran. Gijs Campenhout, van, David Mann, IM van Hilvoorde, Jacco van Sterkenburg. 5/7/2025. (Vrije Universiteit Amsterdam)

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