

Articles co-authored by Gerjon Hannink

126. Kuijpers MFL, [Hannink G](#), Vehmeijer SBW, van Steenbergen LN, Schreurs BW. (2019) **The risk of revision after total hip arthroplasty in young patients depends on surgical approach, femoral head size and bearing type; an analysis of 19,682 operations in the Dutch arthroplasty register.** BMC Musculoskelet Disord. Vol. 20(1):385. Published online: 2019/08/24, PMID: 31438921
125. Geense WW, van den Boogaard M, van der Hoeven JG, Vermeulen H, [Hannink G](#), Zegers M. (2019) **Nonpharmacologic Interventions to Prevent or Mitigate Adverse Long-Term Outcomes Among ICU Survivors: A Systematic Review and Meta-analysis.** Crit Care Med. Published online: 2019/08/24, PMID: 31464769
124. Wilkens OE, [Hannink G](#), van de Groes SAW. (2019) **Recurrent patellofemoral instability rates after MPFL reconstruction techniques are in the range of instability rates after other soft tissue realignment techniques.** Knee Surg Sports Traumatol Arthrosc. Published online: 2019/08/09, PMID: 31392368
123. Looock E, Michelet A, D'Utruy A, Molinazzi P, [Hannink G](#), Bertiaux S, Courage O. (2019) **Magnetic resonance arthrography is insufficiently accurate to diagnose biceps lesions prior to rotator cuff repair.** Knee Surg Sports Traumatol Arthrosc. Published online: 2019/07/28, PMID: 31346668
122. Scholten R, Leijten B, [Hannink G](#), Kamphuis ET, Somford MP, van Susante JLC. (2019) **General anesthesia might be associated with early periprosthetic joint infection: an observational study of 3,909 arthroplasties.** Acta Orthop.1-9. Published online: 2019/07/25, PMID: 31339401
121. Verspoor FGM, [Hannink G](#). (2019) **Systemic treatment of tenosynovial giant cell tumours in context.** Lancet. Vol. 394(10197):446-8. Published online: 2019/06/24, PMID: 31229239
120. van Egmond M, Rovers MM, [Hannink G](#), Hendriks CTM, van Heerbeek N. (2019) **Septoplasty with or without concurrent turbinate surgery versus non-surgical management for nasal obstruction in adults with a deviated septum: a pragmatic, randomised controlled trial.** Lancet. Vol. 394(10195):314-21. Published online: 2019/06/23, PMID: 31227374
119. van der Leest M, Israel B, Cornel EB, Zamecnik P, Schoots IG, van der Lelij H, Padhani AR, Rovers M, van Oort I, Sedelaar M, Hulsbergen-van de Kaa C, [Hannink G](#), Veltman J, Barentsz J. (2019) **High Diagnostic Performance of Short Magnetic Resonance Imaging Protocols for Prostate Cancer Detection in Biopsy-naive Men: The Next Step in Magnetic Resonance Imaging Accessibility.** Eur Urol. Published online: 2019/06/07, PMID: 31167748
118. van Vugt LJ, van den Reek J, [Hannink G](#), Coenen MJH, de Jong E. (2019) **Association of HLA-C*06:02 Status With Differential Response to Ustekinumab in Patients With Psoriasis: A Systematic Review and Meta-analysis.** JAMA Dermatol. Vol. 155(6):708-15. Published online: 2019/04/18, PMID: 30994858
117. Gerhardt D, Mors TGT, [Hannink G](#), Van Susante JLC. (2019) **Resurfacing hip arthroplasty better preserves a normal gait pattern at increasing walking**

- speeds compared to total hip arthroplasty.** Acta Orthop. Vol. 90(3):231-6. Published online: 2019/04/02, PMID: 30931667
116. Scholte M, Hentschel MA, [Hannink G](#), Kunst HPM, Steens SC, Rovers MM, Grutters JPC. (2019) **In search of the most cost-effective monitoring strategy for vestibular schwannoma: A decision analytical modelling study.** Clin Otolaryngol. Vol. 44(4):525-33. Published online: 2019/03/14, PMID: 30864276
 115. Verspoor FGM, Mastboom MJL, [Hannink G](#), van der Graaf WTA, van de Sande MAJ, Schreuder HWB. (2019) **The effect of surgery in tenosynovial giant cell tumours as measured by patient-reported outcomes on quality of life and joint function.** Bone Joint J. Vol. 101-b(3):272-80. Published online: 2019/03/01, PMID: 30813787
 114. Naghibi H, Mazzoli V, Gijsbertse K, [Hannink G](#), Sprengers A, Janssen D, Van den Boogaard T, Verdonschot N. (2019) **A noninvasive MRI based approach to estimate the mechanical properties of human knee ligaments.** J Mech Behav Biomed Mater. Vol. 93:43-51. Published online: 2019/02/16, PMID: 30769233
 113. Marcq G, Michelet A, [Hannink G](#), Rizk J, Sauvain J, Villers A, Saffarini M, Rochat CH. (2019) **Correction to: Risk of biochemical recurrence based on extent and location of positive surgical margins after robot- assisted laparoscopic radical prostatectomy.** BMC Cancer. Vol. 19(1): 124. Published online: 2019/02/09, PMID: 30732574
 112. Verbeek JFM, [Hannink G](#), Defoort KC, Wymenga AB, Heesterbeek PJC. (2019) **Age, gender, functional KSS, reason for revision and type of bone defect predict functional outcome 5 years after revision total knee arthroplasty: a multivariable prediction model.** Knee Surg Sports Traumatol Arthrosc. Published online: 2019/01/29, PMID: 30689000
 111. Colo E, Leenders LAM, Rijnen WHC, Schreurs BW, [Hannink G](#). (2019) **Lateral rim mesh in primary total hip arthroplasty.** Bone Joint J. Vol. 101-b(1):96-103. Published online: 2019/01/03, PMID: 30601046
 110. Marcq G, Michelet A, [Hannink G](#), Rizk J, Sauvain J, Villers A, Saffarini M, Rochat CH. (2018) **Risk of biochemical recurrence based on extent and location of positive surgical margins after robot-assisted laparoscopic radical prostatectomy.** BMC Cancer. Vol. 18(1):1291. Published online: 2018/12/28, PMID: 30587172
 109. van der Leest M, Cornel E, Israel B, Hendriks R, Padhani AR, Hoogenboom M, Zamecnik P, Bakker D, Setiasti AY, Veltman J, van den Hout H, van der Lelij H, van Oort I, Klaver S, Debruyne F, Sedelaar M, [Hannink G](#), Rovers M, Hulsbergen-van de Kaa C, Barentsz JO. (2018) **Head-to-head Comparison of Transrectal Ultrasound-guided Prostate Biopsy Versus Multiparametric Prostate Resonance Imaging with Subsequent Magnetic Resonance-guided Biopsy in Biopsy-naive Men with Elevated Prostate-specific Antigen: A Large Prospective Multicenter Clinical Study.** Eur Urol. Published online: 2018/11/28, PMID: 30477981
 108. Hoogervorst P, Appalsamy A, Meijer D, Doornberg JN, van Kampen A, [Hannink G](#). (2019) **Does altering projection of the fractured clavicle change treatment strategy?** J Shoulder Elbow Surg. Vol. 28(3):e65-e70. Published online:

2018/10/24, PMID: 30348543

107. Deckers C, Stephan P, Wever KE, Hooijmans CR, Hannink G. (2018) **The protective effect of anterior cruciate ligament reconstruction on articular cartilage: a systematic review of animal studies**. Osteoarthritis Cartilage. Published online: 2018/10/15, PMID: 30317001
106. Kuijpers MFL, Hannink G, van Steenberghe LN, Schreurs BW. (2018) **Total Hip Arthroplasty in Young Patients in The Netherlands: Trend Analysis of >19,000 Primary Hip Replacements in the Dutch Arthroplasty Register**. J Arthroplasty. Published online: 2018/09/16, PMID: 30217401
105. Hoogervorst P, Appalsamy A, Meijer D, Doornberg JN, van Kampen A, Hannink G. (2018) **Does altering projection of the fractured clavicle change treatment strategy?** J Shoulder Elbow Surg. Published online: 2018/10/24, PMID: 30348543
104. van Rensch PJH, Heesterbeek PJC, Hannink G, van Hellemond GG, Wymenga AB. (2018) **Improved clinical outcomes after revision arthroplasty with a hinged implant for severely stiff total knee arthroplasty**. Knee Surg Sports Traumatol Arthrosc. Published online: 2018/10/28, PMID: 30367195
103. van Sambeeck JDP, van de Groes SAW, Verdonschot N, Hannink G. (2017) **Trochleoplasty procedures show complication rates similar to other patellar-stabilizing procedures**. Knee Surg Sports Traumatol Arthrosc. Published online: 2017/12/07, PMID: 29210022
102. Godeneche A, Kempf JF, Nove-Josserand L, Michelet A, Saffarini M, Hannink G, Collin P. (2018) **Tenodesis renders better results than tenotomy in repairs of isolated supraspinatus tears with pathologic biceps**. J Shoulder Elbow Surg. Published online: 2018/05/23, PMID: 29784596
101. Hoogervorst P, Appalsamy A, Franken S, van Kampen A, Hannink G. (2018) **Quantifying shortening of the fractured clavicle assuming clavicular symmetry is unreliable**. Arch Orthop Trauma Surg. Vol. 138(6):803-7. Published online: 2018/03/15, PMID: 29536175
100. Bonnin MP, Rollier JC, Chatelet JC, Ait-Si-Selmi T, Chouteau J, Jacquot L, Hannink G, Saffarini M, Fessy MH. (2018) **Can Patients Practice Strenuous Sports After Uncemented Ceramic-on-Ceramic Total Hip Arthroplasty?** Orthop J Sports Med. Vol. 6(4):2325967118763920. Published online: 2018/05/01, PMID: 29707594
99. Hoogervorst P, Appalsamy A, van Geene AR, Franken S, van Kampen A, Hannink G. (2018) **Influence of x-ray direction on measuring shortening of the fractured clavicle**. J Shoulder Elbow Surg. Published online: 2018/05/01, PMID: 29706417
98. Stephan P, Roling MA, Mathijssen NMC, Hannink G, Bloem RM. (2018) **Developing a risk prediction model for the functional outcome after hip arthroscopy**. BMC Musculoskelet Disord. Vol. 19(1):122. Published online: 2018/04/21, PMID: 29673359
97. van den Boogaard M, Slooter AJC, Bruggemann RJM, Schoonhoven L, Beishuizen A, Vermeijden JW, Pretorius D, de Koning J, Simons KS, Dennesen PJW, Van der Voort PHJ, Houterman S, van der Hoeven JG, Pickkers P, van der

- Woude MCE, Besselink A, Hofstra LS, Spronk PE, van den Bergh W, Donker DW, Fuchs M, Karakus A, Koeman M, van Duijnhoven M, Hannink G. (2018) **Effect of Haloperidol on Survival Among Critically Ill Adults With a High Risk of Delirium: The REDUCE Randomized Clinical Trial**. *Jama*. Vol. 319(7):680-90. Published online: 2018/02/22, PMID: 29466591
96. Schmitz M, Timmer C, Hannink G, Schreurs BW. (2017) **Systematic review: lack of evidence for the success of revision arthroplasty outcome in younger patients**. *Hip Int*. Published online: 2017/12/01, PMID: 29192733
95. Rongen JJ, Hannink G. (2017) **The trouble with apples and oranges**. *Osteoarthritis Cartilage*. Published online: 2017/11/11, PMID: 29137954
94. Hoogervorst P, Hannink G, van Geene AR, van Kampen A. (2017) **Reliability of measurements of the fractured clavicle: a systematic review**. *Syst Rev*. Vol. 6(1):223. Published online, PMID: 29100498
93. Holla M, Hannink G, Eggen TGE, Daanen RA, Hosman AJF, Verdonschot N. (2017) **Restriction of Cervical Intervertebral Movement With Different Types of External Immobilizers: A Cadaveric 3D Analysis Study**. *Spine (Phila Pa 1976)*. Vol. 42(20):E1182-E9. Published online: 2017/10/15, PMID: 28230622
92. van Egmond N, Janssen D, Hannink G, Verdonschot N, van Kampen A. (2017) **Biomechanical comparison of two different locking plates for open wedge high tibial osteotomy**. *J Orthop Sci*. Published online: 2017/10/09, PMID: 29032860
91. Schmitz M, Hannink G, Gardeniers JWM, Verdonschot N, Slooff T, Schreurs BW. (2017) **Acetabular Reconstructions with Impaction Bone-Grafting and a Cemented Cup in Patients Younger Than 50 Years of Age: A Concise Follow-up, at 27 to 35 Years, of a Previous Report**. *J Bone Joint Surg Am*. Vol. 99(19):1640-6. Published online: 2017/10/04, PMID: 28976428
90. Rongen JJ, Govers TM, Buma P, Rovers MM, Hannink G. (2017) **Arthroscopic meniscectomy for degenerative meniscal tears reduces knee pain but is not cost-effective in a routine health care setting: a multi-center longitudinal observational study using data from the osteoarthritis initiative**. *Osteoarthritis Cartilage*. Published online: 2017/09/10, PMID: 28903016
89. van Workum F, Stenstra M, Berkelmans GHK, Slaman AE, van Berge Henegouwen MI, Gisbertz SS, van den Wildenberg FJH, Polat F, Irino T, Nilsson M, Nieuwenhuijzen GAP, Luyer MD, Adang EM, Hannink G, Rovers MM, Rosman C. (2017) **Learning Curve and Associated Morbidity of Minimally Invasive Esophagectomy: A Retrospective Multicenter Study**. *Ann Surg*. Published online: 2017/08/29, PMID: 28857809
88. den Hartog YM, Hannink G, van Dasselaar NT, Mathijssen NM, Vehmeijer SB. (2017) **Which patient-specific and surgical characteristics influence postoperative pain after THA in a fast-track setting?** *BMC Musculoskelet Disord*. Vol. 18(1):363. Published online: 2017/08/24, PMID: 28836971
87. van Brunschot S, Hollemans RA, Bakker OJ, Besselink MG, Baron TH, Beger HG, Boermeester MA, Bollen TL, Bruno MJ, Carter R, French JJ, Coelho D, Dahl B, Dijkgraaf MG, Doctor N, Fagenholz PJ, Farkas G, Castillo CFD, Fockens P, Freeman ML, Gardner TB, Goor HV, Gooszen HG, Hannink G, Lochan R, McKay

- CJ, Neoptolemos JP, Olah A, Parks RW, Peev MP, Raraty M, Rau B, Rosch T, Rovers M, Seifert H, Siriwardena AK, Horvath KD, van Santvoort HC. (2017) **Minimally invasive and endoscopic versus open necrosectomy for necrotising pancreatitis: a pooled analysis of individual data for 1980 patients.** Gut. Published online: 2017/08/05, PMID: 28774886
86. van der Ven PJP, van de Groes S, Zelle J, Koeter S, Hannink G, Verdonschot N. (2017) **Kneeling and standing up from a chair as performance-based tests to evaluate knee function in the high-flexion range: a randomized controlled trial comparing a conventional and a high-flexion TKA design.** BMC Musculoskelet Disord. Vol. 18(1):324. Published online: 2017/08/03, PMID: 28764691
85. Eggermont F, Derikx LC, Verdonschot N, Hannink G, Kaatee R, Tanck E, van der Linden YM. (2017) **Limited short-term effect of palliative radiation therapy on quantitative computed tomography-derived bone mineral density in femora with metastases.** Adv Radiat Oncol. Vol. 2(1): 53-61. Published online: 2017/07/26, PMID: 28740915
84. Valoroso M, Saffarini M, La Barbera G, Toanen C, Hannink G, Nover L, Dejour DH. (2017) **Correction of Patellofemoral Malalignment With Patellofemoral Arthroplasty.** J Arthroplasty. Published online: 2017/07/25, PMID: 28735802
83. Vrancken ACT, Hannink G, Madej W, Verdonschot N, van Tienen TG, Buma P. (2017) **In Vivo Performance of a Novel, Anatomically Shaped, Total Meniscal Prosthesis Made of Polycarbonate Urethane: A 12- Month Evaluation in Goats.** Am J Sports Med.363546517713687. Published online: 2017/07/19, PMID: 28719787
82. Bochynska AI, Hannink G, Rongen JJ, Grijpma DW, Buma P. (2017) **In Vitro and In Vivo Characterization of Biodegradable Reactive Isocyanate-Terminated Three-Armed- and Hyperbranched Block Copolymeric Tissue Adhesives.** Macromol Biosci. Published online: 2017/07/18, PMID: 28714290
81. van Egmond N, Hannink G, Janssen D, Vrancken AC, Verdonschot N, van Kampen A. (2017) **Erratum to: Relaxation of the MCL after an Open- Wedge High Tibial Osteotomy results in decreasing contact pressures of the knee over time.** Knee Surg Sports Traumatol Arthrosc. Published online: 2017/07/15, PMID: 28707117
80. Holla M, Driessen M, Eggen TGE, Daanen RA, Hosman AJF, Verdonschot N, Hannink G. (2017) **A New Craniothoracic Mattress for Immobilization of the Cervical Spine in Critical Care Patients.** J Trauma Nurs. Vol. 24(4): 261-9. Published online: 2017/07/12, PMID: 28692625
79. Bonnin MP, Saffarini M, Nover L, van der Maas J, Haerberle C, Hannink G, Victor J. (2017) **External rotation of the femoral component increases asymmetry of the posterior condyles.** Bone Joint J. Vol. 99-b(7): 894-903. Published online: 2017/07/01, PMID: 28663394
78. Saffarini M, Muller JH, La Barbera G, Hannink G, Cho KJ, Toanen C, Dejour D. (2017) **Inadequacy of computed tomography for pre-operative planning of patellofemoral arthroplasty.** Knee Surg Sports Traumatol Arthrosc. Published online: 2017/03/09, PMID: 28271370

77. Rongen JJ, van Tienen TG, Buma P, Hannink G. (2017) **Meniscus surgery is still widely performed in the treatment of degenerative meniscus tears in The Netherlands**. Knee Surg Sports Traumatol Arthrosc. Published online: 2017/03/05, PMID: 28258326
76. van der Wees PJ, Wammes JJ, Akkermans RP, Koetsenruijter J, Westert GP, van Kampen A, Hannink G, de Waal-Malefijt M, Schreurs BW. (2017) **Patient-reported health outcomes after total hip and knee surgery in a Dutch University Hospital Setting: results of twenty years clinical registry**. BMC Musculoskelet Disord. Vol. 18(1):97. Published online: 2017/03/04, PMID: 28253923
75. Holla M, Hannink G, Eggen TG, Daanen RA, Hosman AJ, Verdonschot N. (2017) **Restriction of Cervical Intervertebral Movement With Different Types of External Immobilizers: A Cadaveric 3D Analysis Study**. Spine (Phila Pa 1976). Published online: 2017/02/24, PMID: 28230622
74. Gerhardt DM, Hannink G, Rijnders T, van Susante JL. (2017) **Increase in physical activity after resurfacing hip arthroplasty is associated with calcaneal and acetabular bone mineral density changes**. Hip Int. Vol. 27(2): 140-6. Published online: 2017/02/22, PMID: 28218380
73. Schreurs BW, Hannink G. (2017) **Total joint arthroplasty in younger patients: heading for trouble?** Lancet. Vol. 389(10077):1374-5. Published online: 2017/02/18, PMID: 28209372
72. van Egmond N, Hannink G, Janssen D, Vrancken AC, Verdonschot N, van Kampen A. (2017) **Relaxation of the MCL after an Open-Wedge High Tibial Osteotomy results in decreasing contact pressures of the knee over time**. Knee Surg Sports Traumatol Arthrosc. Vol. 25(3):800-7. Published online: 2017/02/16, PMID: 28197694
71. Bochynska AI, Hannink G, Verhoeven R, Grijpma DW, Buma P. (2017) **Evaluation of novel biodegradable three-armed- and hyper-branched tissue adhesives in a meniscus explant model**. J Biomed Mater Res A. Vol. 105(5):1405-11. Published online: 2017/02/06, PMID: 28152576
70. Verspoor FG, Scholte A, van der Geest IC, Hannink G, Schreuder HW. (2016) **Cryosurgery as Additional Treatment in Tenosynovial Giant Cell Tumors**. Sarcoma. Vol. 2016:3072135. Published online: 2017/01/25, PMID: 28115910
69. Bochynska AI, Hannink G, Verhoeven R, Grijpma DW, Buma P. (2017) **The effect of tissue surface modification with collagenase and addition of TGF-beta3 on the healing potential of meniscal tears repaired with tissue glues in vitro**. J Mater Sci Mater Med. Vol. 28(1):22. Published online: 2016/12/28, PMID: 28025802
68. Bochynska AI, Hannink G, Janssen D, Buma P, Grijpma DW. (2017) **Development of a fast curing tissue adhesive for meniscus tear repair**. J Mater Sci Mater Med. Vol. 28(1):1. Published online: 2016/11/21, PMID: 27866344
67. Rongen JJ, Rovers MM, van Tienen TG, Buma P, Hannink G. (2017) **Increased risk for knee replacement surgery after arthroscopic surgery for degenerative meniscal tears: a multi-center longitudinal observational study using data from the osteoarthritis initiative**. Osteoarthritis Cartilage. Vol. 25(1):23-9. Published online: 2016/10/25, PMID: 27712957

66. van Bochove B, Hannink G, Buma P, Grijpma DW. (2016) **Preparation of Designed Poly(trimethylene carbonate) Meniscus Implants by Stereolithography: Challenges in Stereolithography**. *Macromol Biosci*. Vol. 16(12):1853-63. Published online: 2016/10/18, PMID: 27748548
65. Nove-Josserand L, Saffarini M, Hannink G, Carrillon Y. (2016) **Influence of pre-operative tear size and tendon retraction on repair outcomes for isolated subscapularis tears**. *Int Orthop*. Vol. 40(12):2559-66. Published online: 2016/10/06, PMID: 27704158
64. Deckers C, Schreuder BH, Hannink G, de Rooy JW, van der Geest IC. (2016) **Radiologic follow-up of untreated enchondroma and atypical cartilaginous tumors in the long bones**. *J Surg Oncol*. Vol. 114(8):987-91. Published online: 2016/10/04, PMID: 27696436
63. Barth J, Andrieu K, Fotiadis E, Hannink G, Barthelemy R, Saffarini M. (2016) **Critical period and risk factors for retear following arthroscopic repair of the rotator cuff**. *Knee Surg Sports Traumatol Arthrosc*. Vol. 25(7):2196-204. Published online: 2016/08/16, PMID: 27522591
62. de Vos MJ, Wagener ML, Hannink G, van der Pluijm M, Verdonschot N, Eygendaal D. (2016) **Short-term clinical results of revision elbow arthroplasty using the Latitude total elbow arthroplasty**. *Bone Joint J*. Vol. 98-b(8):1086-92. Published online: 2016/08/03, PMID: 27482022
61. Rongen JJ, van Bochove B, Hannink G, Grijpma DW, Buma P. (2016) **Degradation behavior of, and tissue response to photo-crosslinked poly(trimethylene carbonate) networks**. *J Biomed Mater Res A*. Vol. 104(11):2823-32. Published online: 2016/07/09, PMID: 27392321
60. Verspoor FG, Hannink G, Scholte A, Van Der Geest IC, Schreuder HW. (2016) **Arthroplasty for tenosynovial giant cell tumors**. *Acta Orthop*. Vol. 87(5):497-503. Published online: 2016/07/01, PMID: 27357329
59. Mathijssen NM, Hannink G, Sturm PD, Pilot P, Bloem RM, Buma P, Petit PL, Schreurs BW. (2016) **The Effect of Door Openings on Numbers of Colony Forming Units in the Operating Room during Hip Revision Surgery**. *Surg Infect (Larchmt)*. Vol. 17(5):535-40. Published online: 2016/05/21, PMID: 27206050
58. Te Stroet MA, Rijnen WH, Gardeniers JW, Schreurs BW, Hannink G. (2016) **Predictors of unsuccessful outcome in cemented femoral revisions using bone impaction grafting; Cox regression analysis of 208 cases**. *Hip Int*. Vol. 26(5):444-50. Published online: 2016/05/14, PMID: 27174070
57. Rongen JJ, Govers TM, Buma P, Grutters JP, Hannink G. (2016) **Societal and Economic Effect of Meniscus Scaffold Procedures for Irreparable Meniscus Injuries**. *Am J Sports Med*. Vol. 44(7):1724-34. Published online: 2016/05/10, PMID: 27159309
56. Groenen KH, Pouw MH, Hannink G, Hosman AJ, van der Linden YM, Verdonschot N, Tanck E. (2016) **The effect of radiotherapy, and radiotherapy combined with bisphosphonates or RANK ligand inhibitors on bone quality in bone metastases. A systematic review**. *Radiother Oncol*. Vol. 119(2):194-201. Published online: 2016/04/27, PMID: 27113796

55. Tigchelaar S, Rooy J, [Hannink G](#), Koeter S, van Kampen A, Bongers E. (2016) **Radiological characteristics of the knee joint in nail patella syndrome**. Bone Joint J. Vol. 98-b(4):483-9. Published online: 2016/04/03, PMID: 27037430
54. Holla M, Huisman JM, Verdonschot N, Goosen J, Hosman AJ, [Hannink G](#). (2016) **The ability of external immobilizers to restrict movement of the cervical spine: a systematic review**. Eur Spine J. Vol. 25(7):2023-36. Published online: 2016/04/02, PMID: 27032640
53. Bochynska AI, [Hannink G](#), Grijpma DW, Buma P. (2016) **Tissue adhesives for meniscus tear repair: an overview of current advances and prospects for future clinical solutions**. J Mater Sci Mater Med. Vol. 27(5): 85. Published online: 2016/03/15, PMID: 26970767
52. Rongen JJ, [Hannink G](#). (2016) **Comparison of Registered and Published Primary Outcomes in Randomized Controlled Trials of Orthopaedic Surgical Interventions**. J Bone Joint Surg Am. Vol. 98(5):403-9. Published online: 2016/03/05, PMID: 26935463
51. Bochynska AI, Van Tienen TG, [Hannink G](#), Buma P, Grijpma DW. (2016) **Development of biodegradable hyper-branched tissue adhesives for the repair of meniscus tears**. Acta Biomater. Vol. 32:1-9. Published online: 2015/12/23, PMID: 26689469
50. Mathijssen NM, Verburg H, van Leeuwen CC, Molenaar TL, [Hannink G](#). (2016) **Factors influencing length of hospital stay after primary total knee arthroplasty in a fast-track setting**. Knee Surg Sports Traumatol Arthrosc. Vol. 24(8):2692-6. Published online: 2015/12/22, PMID: 26685683
49. Rood A, [Hannink G](#), Lenting A, Groenen K, Koeter S, Verdonschot N, van Kampen A. (2015) **Patellofemoral Pressure Changes After Static and Dynamic Medial Patellofemoral Ligament Reconstructions**. Am J Sports Med. Vol. 43(10):2538-44. Published online: 2015/08/19, PMID: 26283233
48. Madej W, van Caam A, Davidson EN, [Hannink G](#), Buma P, van der Kraan PM. (2016) **Ageing is associated with reduction of mechanically- induced activation of Smad2/3P signaling in articular cartilage**. Osteoarthritis Cartilage. Vol. 24(1):146-57. Published online: 2015/08/08, PMID: 26247611
47. Hoogervorst P, de Jong RJ, [Hannink G](#), van Kampen A. (2015) **A 21% conversion rate to total knee arthroplasty of a first-generation patellofemoral prosthesis at a mean follow-up of 9.7 years**. Int Orthop. Vol. 39(9):1857-64. Published online: 2015/08/02, PMID: 26231494
46. Vrancken AC, Madej W, [Hannink G](#), Verdonschot N, van Tienen TG, Buma P. (2015) **Short Term Evaluation of an Anatomically Shaped Polycarbonate Urethane Total Meniscus Replacement in a Goat Model**. PLoS One. Vol. 10(7):e0133138. Published online: 2015/07/21, PMID: 26192414
45. Vrancken AC, Eggermont F, van Tienen TG, [Hannink G](#), Buma P, Janssen D, Verdonschot N. (2016) **Functional biomechanical performance of a novel anatomically shaped polycarbonate urethane total meniscus replacement**. Knee Surg Sports Traumatol Arthrosc. Vol. 24(5):1485-94. Published online: 2015/05/15, PMID: 25971457

44. Rongen JJ, Hannink G, van Tienen TG, van Luijk J, Hooijmans CR. (2015) **The protective effect of meniscus allograft transplantation on articular cartilage: a systematic review of animal studies**. Osteoarthritis Cartilage. Vol. 23(8):1242-53. Published online: 2015/05/12, PMID: 25960117
43. Wagener ML, de Vos MJ, Hannink G, van der Pluijm M, Verdonschot N, Eygendaal D. (2015) **Mid-term clinical results of a modern convertible total elbow arthroplasty**. Bone Joint J. Vol. 97-b(5):681-8. Published online: 2015/04/30, PMID: 25922464
42. den Hartog YM, Mathijssen NM, Hannink G, Vehmeijer SB. (2015) **Which patient characteristics influence length of hospital stay after primary total hip arthroplasty in a 'fast-track' setting?** Bone Joint J. Vol. 97-b(1): 19-23. Published online: 2015/01/09, PMID: 25568408
41. Kolk S, Cox K, Weerdesteyn V, Hannink G, Bramer J, Dijkstra S, Jutte P, Ploegmakers J, van de Sande M, Schreuder H, Verdonschot N, van der Geest I. (2014) **Can orthopedic oncologists predict functional outcome in patients with sarcoma after limb salvage surgery in the lower limb? A nationwide study**. Sarcoma. Vol. 2014:436598. Published online: 2014/12/09, PMID: 25484599
40. van Baal MC, van Rens MJ, Geven CB, van de Pol FM, van den Brink IW, Hannink G, Nagtegaal ID, Peters WH, Rijkers GT, Gooszen HG. (2014) **Association between probiotics and enteral nutrition in an experimental acute pancreatitis model in rats**. Pancreatology. Vol. 14(6):470-7. Published online: 2014/12/03, PMID: 25458667
39. Vrancken AC, van Tienen TG, Hannink G, Janssen D, Verdonschot N, Buma P. (2014) **Releasing the circumferential fixation of the medial meniscus does not affect its kinematics**. Knee. Vol. 21(6):1033-8. Published online: 2014/09/30, PMID: 25262847
38. Verspoor FG, Zee AA, Hannink G, van der Geest IC, Veth RP, Schreuder HW. (2014) **Long-term follow-up results of primary and recurrent pigmented villonodular synovitis**. Rheumatology (Oxford). Vol. 53(11): 2063-70. Published online: 2014/06/12, PMID: 24917565
37. Mathijssen NM, Buma P, Hannink G. (2014) **Combining bisphosphonates with allograft bone for implant fixation**. Cell Tissue Bank. Vol. 15(3): 329-36. Published online: 2013/12/29, PMID: 24370651
36. Tanck E, Maessen MF, Hannink G, van Kuppeveld SM, Bolhuis S, Kooloos JG. (2014) **The effect of a daily quiz (TOPday) on self-confidence, enthusiasm, and test results for biomechanics**. Perspect Med Educ. Vol. 3(1):4-14. Published online: 2013/11/30, PMID: 24288127
35. de Mulder EL, Hannink G, van Kuppeveld TH, Daamen WF, Buma P. (2014) **Similar hyaline-like cartilage repair of osteochondral defects in rabbits using isotropic and anisotropic collagen scaffolds**. Tissue Eng Part A. Vol. 20(3-4):635-45. Published online: 2013/09/21, PMID: 24044726
34. Hannink G, Gooszen HG, van Laarhoven CJ, Rovers MM. (2013) **A systematic review of individual patient data meta-analyses on surgical interventions**. Syst Rev. Vol. 2:52. Published online: 2013/07/06, PMID: 23826895

33. Govers TM, Takes RP, Baris Karakullukcu M, Hannink G, Merkx MA, Grutters JP, Rovers MM. (2013) **Management of the N0 neck in early stage oral squamous cell cancer: a modeling study of the cost- effectiveness**. Oral Oncol. Vol. 49(8):771-7. Published online: 2013/06/06, PMID: 23735238
32. Govers TM, Hannink G, Merkx MA, Takes RP, Rovers MM. (2013) **Sentinel node biopsy for squamous cell carcinoma of the oral cavity and oropharynx: a diagnostic meta-analysis**. Oral Oncol. Vol. 49(8):726-32. Published online: 2013/05/18, PMID: 23680537
31. Tanck E, Hannink G, van Kuppeveld SM, Bolhuis S, Kooloos JG. (2013) **The use of daily questions for educational purposes: a TOPday for students**. Perspect Med Educ. Vol. 2(3):162-4. Published online: 2013/05/15, PMID: 23670689
30. Gonzales VK, de Mulder EL, de Boer T, Hannink G, van Tienen TG, van Heerde WL, Buma P. (2013) **Platelet-rich plasma can replace fetal bovine serum in human meniscus cell cultures**. Tissue Eng Part C Methods. Vol. 19(11):892-9. Published online: 2013/04/30, PMID: 23621108
29. Brunnekreef J, Hannink G, Malefijt Mde W. (2013) **Recovery of knee mobility after a static or mobile spacer in total knee infection**. Acta Orthop Belg. Vol. 79(1):83-9. Published online: 2013/04/04, PMID: 23547521
28. Tomaszewski PK, Lasnier B, Hannink G, Verkerke GJ, Verdonschot N. (2013) **Experimental assessment of a new direct fixation implant for artificial limbs**. J Mech Behav Biomed Mater. Vol. 21:77-85. Published online: 2013/03/21, PMID: 23510969
27. Hannink G, Gooszen HG, Rovers MM. (2013) **Comparison of registered and published primary outcomes in randomized clinical trials of surgical interventions**. Ann Surg. Vol. 257(5):818-23. Published online: 2013/02/15, PMID: 23407296
26. de Mulder EL, Hannink G, Verdonschot N, Buma P. (2013) **Effect of polyurethane scaffold architecture on ingrowth speed and collagen orientation in a subcutaneous rat pocket model**. Biomed Mater. Vol. 8(2): 025004. Published online: 2013/02/07, PMID: 23385628
25. Biemond JE, Hannink G, Verdonschot N, Buma P. (2013) **Bone ingrowth potential of electron beam and selective laser melting produced trabecular-like implant surfaces with and without a biomimetic coating**. J Mater Sci Mater Med. Vol. 24(3):745-53. Published online: 2012/12/21, PMID: 23254345
24. Hannink G, Geutjes PJ, Daamen WF, Buma P. (2013) **Evaluation of collagen/heparin coated TCP/HA granules for long-term delivery of BMP-2**. J Mater Sci Mater Med. Vol. 24(2):325-32. Published online: 2012/11/09, PMID: 23135410
23. de Mulder EL, Hannink G, Koens MJ, Lowik DW, Verdonschot N, Buma P. (2013) **Characterization of polyurethane scaffold surface functionalization with diamines and heparin**. J Biomed Mater Res A. Vol. 101(4):919-22. Published online: 2012/09/11, PMID: 22962023
22. Hannink G, de Mulder EL, van Tienen TG, Buma P. (2012) **Effect of load on the repair of osteochondral defects using a porous polymer scaffold**. J Biomed

- Mater Res B Appl Biomater. Vol. 100(8):2082-9. Published online: 2012/07/24, PMID: 22821832
21. Mathijssen NM, Hannink G, Pilot P, Schreurs BW, Bloem RM, Buma P. (2012) **Impregnation of bone chips with alendronate and cefazolin, combined with demineralized bone matrix: a bone chamber study in goats**. BMC Musculoskelet Disord. Vol. 13:44. Published online: 2012/03/27, PMID: 22443362
 20. Meijerink HJ, Verdonschot N, van Loon CJ, Hannink G, de Waalmalefijt MC. (2011) **Similar TKA designs with differences in clinical outcome: a randomized, controlled trial of 77 knees with a mean follow-up of 6 years**. Acta Orthop. Vol. 82(6):685-91. Published online: 2011/11/10, PMID: 22066559
 19. de Mulder EL, Hannink G, Giele M, Verdonschot N, Buma P. (2013) **Proliferation of meniscal fibrochondrocytes cultured on a new polyurethane scaffold is stimulated by TGF-beta**. J Biomater Appl. Vol. 27(5):617-26. Published online: 2011/09/20, PMID: 21926150
 18. Kock NB, Hannink G, van Kampen A, Verdonschot N, van Susante JL, Buma P. (2011) **Evaluation of subsidence, chondrocyte survival and graft incorporation following autologous osteochondral transplantation**. Knee Surg Sports Traumatol Arthrosc. Vol. 19(11):1962-70. Published online: 2011/09/10, PMID: 21904953
 17. Tarala M, Waanders D, Biemond JE, Hannink G, Janssen D, Buma P, Verdonschot N. (2011) **The effect of bone ingrowth depth on the tensile and shear strength of the implant-bone e-beam produced interface**. J Mater Sci Mater Med. Vol. 22(10):2339-46. Published online: 2011/08/23, PMID: 21858722
 16. Larsson S, Hannink G. (2011) **Injectable bone-graft substitutes: current products, their characteristics and indications, and new developments**. Injury. Vol. 42 Suppl 2:S30-4. Published online: 2011/08/16, PMID: 21839446
 15. Hannink G, Arts JJ. (2011) **Bioresorbability, porosity and mechanical strength of bone substitutes: what is optimal for bone regeneration?** Injury. Vol. 42 Suppl 2:S22-5. Published online: 2011/07/01, PMID: 21714966
 14. Biemond JE, Eufrazio TS, Hannink G, Verdonschot N, Buma P. (2011) **Assessment of bone ingrowth potential of biomimetic hydroxyapatite and brushite coated porous E-beam structures**. J Mater Sci Mater Med. Vol. 22(4):917-25. Published online: 2011/02/18, PMID: 21327405
 13. Biemond JE, Hannink G, Jurrius AM, Verdonschot N, Buma P. (2012) **In vivo assessment of bone ingrowth potential of three-dimensional e- beam produced implant surfaces and the effect of additional treatment by acid etching and hydroxyapatite coating**. J Biomater Appl. Vol. 26(7): 861-75. Published online: 2011/01/29, PMID: 21273261
 12. Biemond JE, Hannink G, Verdonschot N, Buma P. (2011) **The effect of E- beam engineered surface structures on attachment, proliferation and differentiation of human mesenchymal stem cells**. Biomed Mater Eng. Vol. 21(5-6):271-9. Published online: 2011/01/01, PMID: 22561247
 11. Hannink G, van Tienen TG, Schouten AJ, Buma P. (2011) **Changes in articular cartilage after meniscectomy and meniscus replacement using a**

- biodegradable porous polymer implant.** Knee Surg Sports Traumatol Arthrosc. Vol. 19(3):441-51. Published online: 2010/08/31, PMID: 20802995
10. Bullens PH, Hannink G, Verdonschot N, Buma P. (2010) **No effect of dynamic loading on bone graft healing in femoral segmental defect reconstructions in the goat.** Injury. Vol. 41(12):1284-91. Published online: 2010/08/10, PMID: 20691440
 9. van Tienen TG, Hannink G, Buma P. (2009) **Meniscus replacement using synthetic materials.** Clin Sports Med. Vol. 28(1):143-56. Published online: 2008/12/10, PMID: 19064171
 8. van der Heide HJ, Hannink G, Buma P, Schreurs BW. (2008) **No effect of ketoprofen and meloxicam on bone graft ingrowth: a bone chamber study in goats.** Acta Orthop. Vol. 79(4):548-54. Published online: 2008/09/04, PMID: 18766490
 7. Hannink G, Piek E, Hendriks JM, Van der Kraan PM, Schreurs BW, Buma P. (2009) **Biological effects of rinsing morsellised bone grafts before and after impaction.** Int Orthop. Vol. 33(3):861-6. Published online: 2008/01/18, PMID: 18200445
 6. Hannink G, Wolke JG, Schreurs BW, Buma P. (2008) **In vivo behavior of a novel injectable calcium phosphate cement compared with two other commercially available calcium phosphate cements.** J Biomed Mater Res B Appl Biomater. Vol. 85(2):478-88. Published online: 2007/12/22, PMID: 18098203
 5. Hannink G, Schreurs BW, Buma P. (2007) **No positive effects of OP-1 device on the incorporation of impacted graft materials after 8 weeks: a bone chamber study in goats.** Acta Orthop. Vol. 78(4):551-8. Published online: 2007/10/30, PMID: 17966011
 4. Hannink G, Schreurs BW, Buma P. (2007) **Irradiation has no effect on the incorporation of impacted morselized bone: a bone chamber study in goats.** Acta Orthop. Vol. 78(1):31-8. Published online: 2007/04/25, PMID: 17453390
 3. Hannink G, Aspenberg P, Schreurs BW, Buma P. (2006) **High doses of OP-1 inhibit fibrous tissue ingrowth in impaction grafting.** Clin Orthop Relat Res. Vol. 452:250-9. Published online: 2006/08/15, PMID: 16906082
 2. Tanck E, Hannink G, Ruimerman R, Buma P, Burger EH, Huiskes R. (2006) **Cortical bone development under the growth plate is regulated by mechanical load transfer.** J Anat. Vol. 208(1):73-9. Published online: 2006/01/20, PMID: 1642038087
 1. Hannink G, Aspenberg P, Schreurs BW, Buma P. (2006) **Development of a large titanium bone chamber to study in vivo bone ingrowth.** Biomaterials. Vol. 27(9):1810-6. Published online: 2005/11/26, PMID: 16307797