

## Tyks Vatsaelinkirurgian ja urologian klinikan julkaisut vuonna 2020

- 1 Ahonen-Siirtola M, Nevala T, Vironen J, Kössi J, Pinta T, Niemeläinen S, Keränen U, Ward J, Vento P, Karvonen J, Ohtonen P, Mäkelä J, Rautio T. Laparoscopic versus hybrid approach for treatment of incisional ventral hernia: a prospective randomised multicentre study, 1-year results. *Surg Endosc* 2020;34(1):88-95.
- 2 Ahopelto K, Saukkonen K, Hagström J, Kauhanen S, Seppänen H, Böckelman C, Haglund C. TKTL1 as a Prognostic Marker in Pancreatic Ductal Adenocarcinoma and Its Correlation with FDG-PET-CT. *Oncology* 2020.
- 3 Aminian A, Vidal J, Salminen P, Still CD, Nor Hanipah Z, Sharma G, Tu C, Wood GC, Ibarzabal A, Jimenez A, Brethauer SA, Schauer PR, Mahawar K. Late Relapse of Diabetes After Bariatric Surgery: Not Rare, but Not a Failure. *Diabetes Care* 2020;43(3):534-540.
- 4 Anttinen M, Ettala O, Malaspina S, Jambor I, Sandell M, Kajander S, Rinta-Kiikka I, Schildt J, Saukko E, Rautio P, Timonen KL, Matikainen T, Noponen T, Saunavaara J, Löyttyniemi E, Taimen P, Kempainen J, Dean PB, et al. A Prospective Comparison of 18 F-prostate-specific Membrane Antigen-1007 Positron Emission Tomography Computed Tomography, Whole-body 1.5 T Magnetic Resonance Imaging with Diffusion-weighted Imaging, and Single-photon Emission Computed Tomography/Computed Tomography with Traditional Imaging in Primary Distant Metastasis Staging of Prostate Cancer (PROSTAGE) . *Eur Urol Oncol* 2020.
- 5 Anttinen M, Mäkelä P, Nurminen P, Yli-Pietilä E, Suomi V, Sainio T, Saunavaara J, Taimen P, Blanco Sequeiros R, Boström P. Palliative MRI-guided transurethral ultrasound ablation for symptomatic locally advanced prostate cancer. *Scand J Urol* 2020;54(6):481-486.
- 6 Anttinen M, Mäkelä P, Viitala A, Nurminen P, Suomi V, Sainio T, Saunavaara J, Taimen P, Blanco Sequeiros R, Boström P. Salvage Magnetic Resonance Imaging-guided Transurethral Ultrasound Ablation for Localized Radiorecurrent Prostate Cancer: 12-Month Functional and Oncological Results. *Eur Urol Open Sci.* 2020;22:79-87.
- 7 Boström PJ, Jensen JB, Jerlström T, Arum CJ, Gudjonsson S, Ettala O, Syvänen KT. Clinical markers of morbidity, mortality and survival in bladder cancer patients treated with radical cystectomy. A systematic review. *Scand J Urol* 2020;54(4):267-276.

- 8 Carpelan A, Elamo E, Karvonen J, Varpe P, Elamo S, Vahlberg T, Grönroos J, Huhtinen H. Validation of the Low Anterior Resection Syndrome Score in Finnish Patients: Preliminary Results on Quality of Life in Different Lars Severity Groups. *Scand J Surg* 2020.
- 9 Dadson P, Rebelos E, Honka H, Juárez-Orozco LE, Kalliokoski KK, Iozzo P, Teuho J, Salminen P, Pihlajamäki J, Hannukainen JC, Nuutila P. Change in abdominal, but not femoral subcutaneous fat CT-radiodensity is associated with improved metabolic profile after bariatric surgery. *Nutr Metab Cardiovasc Dis* 2020;30(12):2363-2371.
- 10 Ecke TH, Kiani A, Schlomm T, Friedersdorff F, Rabien A, Jung K, Kilic E, Boström P, Tervahartiala M, Taimen P, Gleichenhagen J, Johnen G, Brüning T, Koch S, Roggisch J, Wirtz RM. Prognostic Role of Survivin and Macrophage Infiltration Quantified on Protein and mRNA Level in Molecular Subtypes Determined by RT-qPCR of . *Int J Mol Sci* 2020;21(19):7420.
- 11 European Society of Coloproctology Collaborating Group Collaborators, Kivelä A, Lehtonen T, Lepistö A, Scheinin T, Siironen P, Kössi J, Kuusanmäki P, Tomminen T, Turunen A, Rautio T, Vierimaa M, Huhtinen H, Karvonen J, Lavonius M, Rantala A, Varpe P. Predictors for Anastomotic Leak, Postoperative Complications, and Mortality After Right Colectomy for Cancer: Results From an International Snapshot Audit. *Dis Colon Rectum* 2020.
- 12 Falagario U, Jambor I, Taimen P, Syvänen KT, Kähkönen E, Merisaari H, Montoya Perez I, Knaapila J, Steiner A, Verho J, Tewari A, Aronen HJ, Carrieri G, Boström PJ, Ettala O. Added value of systematic biopsy in men with a clinical suspicion of prostate cancer undergoing biparametric MRI-targeted biopsy: multi-institutional external validation study. *World J Urol* 2020.
- 13 Falagario UG, Jambor I, Lantz A, Ettala O, Stabile A, Taimen P, Aronen HJ, Knaapila J, Perez IM, Gandaglia G, Fossati N, Martini A, Cucchiara V, Picker W, Haug E, Ratnani P, Haines K, et al. Combined Use of Prostate-specific Antigen Density and Magnetic Resonance Imaging for Prostate Biopsy Decision Planning: A Retrospective Multi-institutional Study Using the Prostate Magnetic Resonance Imaging Outcome Database (PROMOD) . *Eur Urol Oncol* 2020.
- 14 Fihlman M, Karu E, Varpe P, Huhtinen H, Hagelberg N, Saari TI, Olkkola KT. Feasibility of a transmucosal sublingual fentanyl tablet as a procedural pain treatment in colonoscopy patients: a prospective placebo-controlled randomized study . *Sci Rep* 2020;10:20897.

- 15 Grönroos S, Helmiö M, Juuti A, Tiusanen R, Hurme S, Löyttyniemi E, Ovaska J, Leivonen M, Peromaa-Haavisto P, Mäklin S, Sintonen H, Sammalkorpi H, Nuutila P, Salminen P. Effect of Laparoscopic Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass on Weight Loss and Quality of Life at 7 Years in Patients With Morbid Obesity: The SLEEVEPASS Randomized Clinical Trial . JAMA Surg 2020:e205666.
- 16 Heervä E, Väliäho V, Salminen T, Nieminen L, Carpelan A, Kurki S, Sundström J, Huhtinen H, Rantala A, Carpén O, Minn H, Österlund P, Ålgars A, Ristamäki R. An easily adaptable validated risk score predicts cancer-specific survival in stage II colon cancer. Acta Oncol 2020;59(12):1503-1507.
- 17 Helmiö M. Bariatric surgery in the treatment of morbid obesity: long-term outcomes and comparison of laparoscopic sleeve gastrectomy with roux-en-y gastric bypass. Doctoral dissertation. 2020. Annales Universitatis Turkuensis. Series D 1461. 78 p., append.
- 18 Hiremath A, Shiradkar R, Merisaari H, Prasanna P, Ettala O, Taimen P, Aronen HJ, Boström PJ, Jambor I, Madabhushi A. Test-retest repeatability of a deep learning architecture in detecting and segmenting clinically significant prostate cancer on apparent diffusion coefficient (ADC) maps. Eur Radiol 2020.
- 19 Jambor I, Falagario UG, Martini A, Eldred-Evans D, Ahmed HU, Boström PJ. Re: Antonio C. Westphalen, Charles E. McCulloch, Jordan M. Anaokar, et al. Variability of the Positive Predictive Value of PI-RADS for Prostate MRI across 26 Centers: Experience of the Society of Abdominal Radiology Prostate Cancer Disease-focused Panel. . Eur Urol Oncol 2020;3(5):714-715.
- 20 Kallio M, Viljamaa J, Ranta T, Ahmajärvi K. Kompensio - vaikuttavaa haavojen hoitoa. Duodecim 2020;136:1726-1733.
- 21 Kauhanen S, Seppänen M, Nuutila P. Endokriinisten sairauksien PET-kuvantaminen. Duodecim 2020;136(9):1086-1094.
- 22 Kauppila JH, Ohtonen P, Rantanen T, Tyrväinen T, Toikkanen V, Pääaho M, Valtola A, Räsänen J, Kallio R, Sihvo E, Saarnio J, Karttunen TJ, Pohjanen V-M, Ristimäki A, Laine S, Kokkola A. Cohort profile: gastric cancer in the population-based, Finnish National Esophago-Gastric Cancer Cohort (FINEGO) Study. BMJ Open 2020;10:e039574.

- 23 Kettunen K, Boström P, Taimen P. Reply to Xuefeng Liu's Letter to the Editor, re: Kimmo Kettunen, Peter J. Boström, Tarja Lamminen, et al. Personalized Drug Sensitivity Screening for Bladder Cancer Using Conditionally Reprogrammed Patient-derived Cells. *Eur Urol* 2019;76:430-4:: Can Patient-derived Cancer Models Change the Costliest Cancer Type? *Eur Urol* 2020;77(1):e23.
- 24 Kielo E, Suhonen R, Ylönen M, Viljamaa J, Wahlroos N, Stolt M. A systematic and psychometric review of tests measuring nurses' wound care knowledge . *Int Wound J* 2020;17(5):1209-1224.
- 25 Knaapila J. Challenges in diagnostics of prostate cancer. Doctoral dissertation. Turun yliopisto, 2020. 118 p., append.
- 26 Knaapila J, Jambor I, Ettala O, Taimen P, Verho J, Perez IM, Kiviniemi A, Pahikkala T, Merisaari H, Lamminen T, Saunavaara J, Aronen HJ, Syvänen KT, Boström PJ. Negative Predictive Value of Biparametric Prostate Magnetic Resonance Imaging in Excluding Significant Prostate Cancer: A Pooled Data Analysis Based on Clinical Data from Four Prospective, Registered Studies. *Eur Urol Focus* 2020(20):30106-1.
- 27 Koffert J, Lahti L, Nylund L, Salminen S, Hannukainen JC, Salminen P, de Vos WM, Nuutila P. Partial restoration of normal intestinal microbiota in morbidly obese women six months after bariatric surgery. *PeerJ* 2020;8:e10442.
- 28 Koivunen V, Juonala M, Mikkola K, Hakovirta HH. Chronic limb threatening ischemia and diabetes mellitus: The severity of tibial atherosclerosis and outcome after infrapopliteal revascularization. *Scand J Surg* 2020.
- 29 Laukkavirta M, Blomgren K, Halmesmäki K, Nikulainen V, Helmiö P. Patient injuries in the treatment of superficial venous insufficiency registered in Finland between 2004 and 2017. *Phlebology* 2020.
- 30 Movahedi P, Merisaari H, Perez IM, Taimen P, Kemppainen J, Kuisma A, Eskola O, Teuho J, Saunavaara J, Pesola M, Kähkönen E, Ettala O, Liimatainen T, Pahikkala T, Boström P, Aronen H, Minn H, Jambor I. Prediction of prostate cancer aggressiveness using 18 F-Fluciclovine (FACBC) PET and multisequence multiparametric MRI. *Sci Rep* 2020;10(1):9407.
- 31 Mäkelä P, Anttinen M, Suomi V, Steiner A, Saunavaara J, Sainio T, Horte A, Taimen P, Boström P, Blanco Sequeiros R. Acute and subacute prostate MRI findings after MRI-guided transurethral ultrasound ablation of prostate cancer. *Acta Radiol* 2020.

- 32 Nason GJ, Jewett MAS, Boström P, Goldberg H, Hansen AR, Bedard PL, Sturgeon J, Warde P, Chung P, Anson-Cartwright L, Sweet J, Atenafu EG, O'Malley M, Hamilton RJ. Long-term Surveillance of Patients with Complete Response Following Chemotherapy for Metastatic Nonseminomatous Germ Cell Tumor. *Eur Urol Oncol* 2020.
- 33 Pouwels S, Omar I, Salminen P. The First Modified Delphi Consensus Statement for Resuming Bariatric and Metabolic Surgery in the COVID-19 Times . *Obes Surg* 2020.
- 34 Rasilainen S, Mentula P, Salminen P, Koivukangas V, Hyöty M, Mäntymäki LM, Pinta T, Haikonen J, Rintala J, Rantanen T, Strander T, Leppäniemi A. Superior primary fascial closure rate and lower mortality after open abdomen using negative pressure wound therapy with continuous fascial traction. *J Trauma Acute Care Surg* 2020.
- 35 Rebelos E, Hirvonen J, Bucci M, Pekkarinen L, Nyman M, Hannukainen JC, Iozzo P, Salminen P, Nummenmaa L, Ferrannini E, Nuutila P. Brain free fatty acid uptake is elevated in morbid obesity, and is irreversible 6 months after bariatric surgery: A positron emission tomography study. *Diabetes Obes Metab* 2020;22(7):1074-1082.
- 36 Rhijn van BW, Mertens LS, Mayr R, Bostrom PJ, et al. FGFR3 Mutation Status and FGFR3 Expression in a Large Bladder Cancer Cohort Treated by Radical Cystectomy: Implications for Anti-FGFR3 Treatment? *Eur Urol* 2020;78(5):682-687.
- 37 Salminen A. Neoadjuvant chemotherapy in muscle-invasive bladder cancer. Doctoral dissertation. 2020. *Annales Universitatis Turkuensis. Series D* 1485. 51 p., append.
- 38 Salminen P. Acute Appendicitis Incidence - Predisposing Factors, From Microbiota to Socioeconomic Status? Editorial. *JAMA Surg* 2020;155(4):338-339.
- 39 Salminen P. Acute Appendicitis Incidence-Predisposing Factors, From Microbiota to Socioeconomic Status? *JAMA Surg* 2020;155(4):338-339.
- 40 Salminen P, Nuutila P. Gastric Bypass vs Medical Treatment in Renoprotection for Patients with Class 1 Obesity, Type 2 Diabetes, and Albuminuria. Editorial. *JAMA Surg* 2020:e200421.
- 41 Seikkula H, Boström PJ, Seppä K, Pitkaniemi J, Malila N, Kaipia A. Survival and mortality of elderly men with localized prostate cancer managed with primary androgen deprivation therapy or by primary observation. *BMC Urol* 2020;20(1):25.

- 42 Seikkula H, Hirvonen E, Kaipia A, Boström PJ, Malila N, Pitkäniemi J. Familial aggregation of testicular cancer among early-onset cancer survivors. A prospective observational cohort data from Finland . *Cancer Epidemiol* 2020;69:101807.
- 43 Seppänen M, Boström PJ, Minn H, Kemppainen J. Eturauhassyövän entsyymikuvantaminen PET-menetelmällä. *Duodecim* 2020;136(8):899-909.
- 44 Shore ND, Saad F, et al. Oral Relugolix for Androgen-Deprivation Therapy in Advanced Prostate Cancer. *N Engl J Med* 2020;382:2187-2196.
- 45 Sippola S, Haijanen J, Salminen P. Quality of Life and Patient Satisfaction After Antibiotic Therapy vs Appendectomy for Uncomplicated Appendicitis-Reply. *JAMA Surg* 2020.
- 46 Sippola S, Haijanen J, Viinikainen L, et al. Elämänlaatu ja potilastyytyväisyys komplisoitumattoman umpilisäketulehduksen leikkaus- tai mikrobilääkehoidon jälkeen. *Duodecim* 2020;136:661.
- 47 Sippola S, Haijanen J, Viinikainen L, Grönroos J, Paajanen H, Rautio T, Nordström P, Aarnio M, Rantanen T, Hurme S, Mecklin JP, Sand J, Jartti A, Salminen P. Quality of Life and Patient Satisfaction at 7-Year Follow-up of Antibiotic Therapy vs Appendectomy for Uncomplicated Acute Appendicitis: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Surg* 2020;155(4):283-289.
- 48 Söderström HK, Räsänen J, Saarnio J, Toikkanen V, Tyrväinen T, Rantanen T, Valtola A, Ohtonen P, Pääaho M, Kokkola A, Kallio R, Karttunen TJ, Pohjanen VM, Ristimäki A, Laine S, Sihvo E, Kauppila JH. Cohort profile: a nationwide population-based retrospective assessment of oesophageal cancer in the Finnish National Esophago-Gastric Cancer Cohort (FINEGO) . *BMJ Open* 2020;10(10):e039575.
- 49 Tenhami M, Virtanen J, Kauhanen S, Koffert J, Kemppainen J, Saunavaara V, Kujari H, Hurme S, Teperi S, Voutilainen M. The value of combined positron emission tomography/magnetic resonance imaging to diagnose inflammatory bowel disease: a prospective study . *Acta Radiol* 2020.
- 50 Valta M, Ylä-Pelto J, Lan Y, Kähkönen T, Taimen P, Boström PJ, Ettala O, Khan S, Paulin N, Elo LL, Koskinen PJ, Härkönen P, Tuomela J. Critical evaluation of the subcutaneous engraftments of hormone naïve primary prostate cancer. *Transl Androl Urol* 2020;9(3):1120-1134.
- 51 Venermo M, Suominen V, Ronsi P, Hakovirta H, Mäkinen K. Infrarenaalisen aortan avokirurgiaan koulutttautuminen erikoistumisaikana on. *Duodecim* 2020;136:2497-2500.

- 52 Vermeulen BD. Early diagnosis is associated with improved clinical outcomes in benign esophageal perforation: an individual patient data meta-analysis . Surg Endosc 2020.
- 53 Virtanen J, Varpela M, Biancari F, Jalkanen J, Hakovirta H. Association between anatomical distribution of symptomatic peripheral artery disease and cerebrovascular disease. Vascular 2020;28(3):295-300.
- 54 Virtanen V, Rautiola H, Poutanen M, Boström PJ, Minn H, Sundvall M. Uusia työkaluja paikallisesti edenneen ja etäpesäkkeisen eturauhassyövän lääkehoitoon. Duodecim 2020;136:27-51.
- 55 Wölnerhanssen BK, Peterli R, Hurme S, Bueter M, Helmiö M, Juuti A, Meyer-Gerspach AC, Slawik M, Peromaa-Haavisto P, Nuutila P, Salminen P. Laparoscopic Roux-en-Y gastric bypass versus laparoscopic sleeve gastrectomy: 5-year outcomes of merged data from two randomized clinical trials (SLEEVEPASS and SM-BOSS). Br J Surg 2020.
- 56 Zegrea A, Kirss J, Pinta T, Rautio T, Varpe P, Kairaluoma M, Aho M, Böckelman C, Lavonius M. Outcomes of sacral neuromodulation for chronic pelvic pain: a Finnish national multicenter study. Tech Coloproctol 2020;24(3):215-220.