

## CURRICULUM VITAE

### **Personalia :**

*Name* : Jan-Paul Roovers  
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*Working address:* [1] Department of Obstetrics and Gynaecology  
University Medical Center Amsterdam, location AMC  
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1105 DD Amsterdam  
[2] Pelvic floor Centre "Bergman Clinics" Amsterdam  
Noordhollandstraat 61A  
1081 AS Amsterdam

*Birth date* : October 8, 1971

*Place of birth* : Sittard

*Nationality* : Dutch

*Marital status* : Married, 1 son, 2 daughters

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### **Training :**

1983 - 1989 : Gymnasium  $\beta$  (Cum Laude), Scholengemeenschap St. Ursula, Horn  
1989 - 1990 : First year of Medical Biology, University of Utrecht  
1990 - 1996 : Medical School, University of Utrecht  
2001 - 2006 : Resident in Obstetrics and Gynaecology, University Medical Centre  
Utrecht and TweeSteden Hospital Tilburg  
2006 : fellowship in uro-gynaecology, UZ Gasthuisberg, Leuven, Belgium

### **Work experience :**

1996 : House officer, district hospital Damongo, Ghana.  
1997 - 2001 : Research fellow Department of Gynaecology, UMC Utrecht. PHD  
Thesis on the effects of pelvic surgery on pelvic floor function.  
Coordinating two multi-centre prospective comparative studies.  
2001 - 2006 : Resident in Obstetrics and Gynaecology, TweeSteden Hospital,  
Tilburg and UMC Utrecht.  
2006 : Fellowship uro-gynaecology UZ Gasthuisberg, Leuven, Belgium.  
Supervisors Prof. J. Deprest and Prof. D. de Ridder  
Since 2006 : Consultant uro-gynaecologist Department of Obstetrics and  
Gynaecology, Academical Medical Centre (AMC) Amsterdam.  
Since 2008 : Medical Director Bergman Clinics women health, Amsterdam  
2012 - 2019 : Head department of gynaecology, AMC Amsterdam.  
2012 - 2014 : Associate professor AMC Amsterdam  
Since 2014 : Professor in Gynaecology, University of Amsterdam  
Since 2016 : Honorary professor University of Capetown, South Africa  
2017-2019 : Medical director Division "Female health" Bergman Clinics  
Netherlands  
2020-2024 : Director of Research and Innovation, Bergman Clinics Netherlands  
Since 2025 : Director of Clinical Excellence, Bergman Clinics Netherlands

**Completed PhD projects (as promotor) :**

1. AG Groenendijk, gynaecologist, Onze Lieve Vrouwen Hospital, Amsterdam, the Netherlands. "Performance of diagnostic tests in patients undergoing surgery for pelvic organ prolapse." (17-12-2009)
2. P Hinoul, gynaecologist, Hospital Oost-Limburg Genk, België. "Introduction of new surgical techniques in Uro-Gynaecology." (4-3-2011)
3. R Hakvoort, gynaecologist, Spaarne Hospital Hoofddorp. "Bladder retention following vaginal prolapse surgery-" (22-6-2012)
4. M Lakeman, AMC Amsterdam. "Effects of hysterectomy on pelvic floor function." (26-10-2012)
5. M Hazewinkel, AMC Amsterdam. "Effects of treatment of gynaecologic malignancies on pelvic floor –related quality of life." (9-11-2012)
6. K Notten, University of Maastricht. "Translabial 3D ultrasound for diagnosing levator ani defects in women with pelvic organ prolapse." (21-5-2015)
7. M.A Weber, AMC Amsterdam. "Effects of vaginal prolapse surgery and ageing on vaginal vascularization." (22-6-2016)
8. M Vashaghian, research fellow VU medical center. "Biomimetic matrices for pelvic floor repair."(13-05-2017)
9. A van Coolen, research fellow Maxima Medical Center. "Treatment of vaginal vault ptolapse." (20-09-2017)
10. M Derks, research fellow AMC Amsterdam. Radical Surgery for Early Stage Cervical Cancer? (06-12-2017)
11. F Mulder, research fellow, AMC Amsterdam. "Postpartum urinary retention; Risk factors, clinical impact and management." (22-12-2017)
12. M van der Ploeg, gynaecologist, Martini Hospital Groningen. "Prediction and prevention of stress urinary incontinence after prolapse surgery." (10-01-2019)
13. A Kastelein, research fellow AMC Amsterdam. The microcirculation in gynaecological disease. (11-12-2020)
14. K Verhorstert, PhD fellow Amsterdam UMC. The host response to a new generation of pelvic floor implants.(23-5-2023)
15. C Kowalik, urogynaecologist, AMC Amsterdam. New insights into pelvic floor implants. (15-09-2023)
16. F Casteleijn, research fellow AMC Amsterdam. Urethral bulk injection therapy for remale stress urinary incontinence: a multiperspective evaluation. (2-10-2023)
17. L van der Vaart. PhD fellow Amsterdam UMC. Pessary versus prolaps surgery as primary treatment for symptomatic pelvic organ prolapse. (6-12-2023)
18. M van Velthoven, PhD fellow Radboudt University. Novel Tissue Engineering Strategies for Pelvic Organ Prolapse: Functionalized Polyisocyanide Hydrogels. (27-2-2024)
19. L Maljaars, PhD fellow Amsterdam UMC. Surgical care and innovation for vesicovaginal fistula. (3-4-2025)
20. A de Vries, PhD fellow Universiteit van Maastricht. Stress urinary incontinence with emphasis on bulking agents. (11-6-2024)
21. J van Bavel, gynaecologist Amphia Ziekenhuis Breda. Episiotomy to prevent obstetric anal sphincter injury.(28-6-2024)
22. Drs A Gudde, PhD fellow, University of Amsterdam. A tissue engineering approach for pelvic floor surgery using an injectable hydrogel. (12-9-2024)
23. E Vodegel, Phd fellow. University of Amsterdam. Oestrogen, the key to a healthy pelvic floor? (4-7-2025)

### **Ongoing PhD projects :**

1. S Thijs, research fellow, AMC Amsterdam. "Evaluation of new and old surgical procedures to correct pelvic organ prolapse." (expected date of thesis: 2023)
2. R Schellart, gynaecologist, Kennemer Gasthuis Haarlem. MiniMo trial; a multi-national multi-centre controlled trial comparing Mini-Arc and Monarc as surgical correction of primary urinary stress incontinence. (expected date of thesis: 2024)
3. C Diedrich, research fellow AMC Amsterdam. Development of a new implant to correct pelvic organ prolapse. (expected date of thesis: 2022)
4. E van Swieten, gynaecologist, Spaarne Gasthuis Haarlem. What is the clinical value of level 3 support during prolaps surgery?
5. S Jeffery, urogynaecologist, University of Capetown, South Africa. Efficacy and complications of vaginal mesh surgery.
6. E Vodegel, PhD fellow AMC Amsterdam. Clinical value of topical estrogen in the treatment of pelvic organ prolapse.
7. K van Rest. PhD fellow Amsterdam UMC. Evaluation of innovative options for the treatment of pelvic organ prolapse and stress urinary incontinence.
8. Y Latul. PhD fellow Amsterdam UMC. Biomechanical measurements of the pelvic floor.
9. S Sinclair, PhD fellow, University of Amsterdam. Prevention of Pelvic Floor Trauma after Child Delivery.
10. B Akin, PhD fellow, University of Amsterdam. Prevention of Pelvic Floor Trauma after Child Delivery.

### **Awards**

- 2002 : COBRA price as acknowledgement for excellent quality of Dutch research in the field of surgical gynaecology.
- 2006 : Oranje Stipendium, Dutch Society of Obstetrics and Gynaecology
- 2007 : Multi-centre RCT TVT-O versus TVT-S (unrestricted research grant € 45.000)
- 2008 : Do bladder instillation with chondroitinsulphate reduce the risk on radiation cystitis (unrestricted research grant € 20.000)
- 2010 : Best podium presentation IUGA Toronto
- 2014 : Best abstract ICS Rio de Janeiro

### **Grants**

- 2008 : A randomised controlled trial comparing the cost-effectiveness of pelvic floor muscle exercise versus the TVT (O)® procedure for female moderate to severe stress urinary incontinence.(PORTRET trial) (ZonMW (80-82310-98-08203): co-applicant /€ 400.000)
- 2009 : Multi-centre RCT comparing vaginal hysterectomy using clamps versus vessel sealing (unrestricted research grant € 40.000)
- 2009 : Translabial 3D-ultrasound for diagnosing levator defects. (TRUDIL) (ZonMW (80-82305-97-10049): co-applicant /€ 160.000)
- 2009 : Multi-centre, multi-national RCT Monarc versus Mini-arc (unrestricted research grant € 150.000)
- 2011 : Multi-centre RCT evaluating whether bladder instillations with chondroitin sulphate reduce the risk on acute radiation cystitis (unrestricted research grant € 140.000)
- 2011 : IUGA 2011 fellowship award, \$20.000 (awarded for best research proposal)
- 2012 : Extended follow-up multi-centre RCT Monarc versus Mini-arc (unrestricted research grant € 130.000)
- 2012 : Multi-centre RCT vaginal single-incision mesh (Elevate) versus native tissue

- repair in primary prolapsed surgery (unrestricted research grant € 130.000)
- 2012 : Multi-center observational study to evaluate Elevate PC in surgery for recurrent prolapse (unrestricted research grant € 120.000)
- 2012 : Multi-center observational study to evaluate Nuvia in surgery for recurrent prolapse (unrestricted research grant € 110.000)
- 2013 : Pre-clinical and clinical evaluation of Bas-IQ, an innovative device to cut an episiotomy (unrestricted research grant € 65.000)
- 2013 : Extended follow-up multi-centre RCT Monarc versus Mini-arc (unrestricted research grant € 1.130.000)
- 2014 : A pilot study into the outcome of urolastic as bulking agent in women with stress urinary incontinence and poor outcome with mid-urethral sling surgery. Unrestricted research grant of Urogyn BV € 40.000
- 2014 : Horizon 20-20, European commission. Cost-effective self-management of urinary incontinence addressed to women across Europe. Co-principal investigator grant € 3.245.257
- 2015: Observational study to the cost-effectiveness of urolastic as innovative bulking agent for symptomatic stress urinary incontinence. Unrestricted research grant of Urogyn BV € 650.000
- 2016 : Evaluation of a delayed resorbable material to surgically correct pelvic organ prolapse. Unrestricted research grant of Tepha, € 400.000  
ZonMW Doelmatigheids onderzoek. *Cost-effectiveness of a Non-degradable Urethral Bulking Agent as compared to Mid-urethral Sling surgery in women with Stress Urinary Incontinence.* €215.535
- 2017 : Leading the change. *'Cost-effectiveness of perioperative topical estrogen in postmenopausal women undergoing pelvic organ prolapse surgery'*. €295.000
- 2018 : Evaluation of immunologic characteristics of P4HB for the indication of vaginal pelvic floor surgery. Unrestricted research grant of Tepha, € 350.000  
TOP grant provided by ZON-MW. Tissue-engineering approach to reduce the risk on recurrent Prolapse € 671.035
- 2019 : VENI NOW talent Scheme (Applied engineering science-AES Domain)-  
Development of a novel wound-healing implant with mechano-stimulation and localized estradiol delivery € 250.000  
AMC acquisition grant € 30.000  
Meer Kennis met Minder dieren (MKMD) Synthesis of Evidence (SE) in de praktijk- Dierexperimenteel onderzoek naar urogynaecologische implantaten: relevante uitkomsten voor het beschrijven van de afweerreactie € 18.300.
- 2020 : Evaluation of bacterial adhesion to P4HB for the indication of vaginal pelvic floor surgery. Unrestricted research grant of Tepha, € 50.000  
Synthesis of evidence. Review about amniotic membranes in the treatment of obstetric fistulas. € 20.000.
- 2021 : Prospective evaluation of Calister mesh for the surgical treatment of recurrent pelvic organ prolapse. € 65.000,- Unrestricted research grant of Promedon.  
MESH21 (Oorzaken van mesh-gerelateerde klachten en mogelijke alternatieven / oplossingen hiervoor) 2021- 2022". Subsidie door VWS. € 297.787,-

**Publications (only those in peer-reviewed international journals):**

1. Allen DA, Roovers JPWR, van Lindert ACM, Heintz APM. Multivariate analysis of histopathological prognostic factors in early stage cervical cancer. *Aust NZ J Obstet Gynecol* 1994; 5: 553-7
2. Roovers JP, van der Vaart CH, van der Bom JG, Heintz AP. Urinary incontinence after hysterectomy. *Lancet* 2000; 356: 2012-3.
3. Roovers JP, Sijmons EA, van Leeuwen JH, Mol BW, Witteveen PO, Slee PH, Heintz AP. Is platinum-based chemotherapy with paclitaxel effective in optimally debulked patients with advanced ovarian cancer? *Eur J Obstet Gynecol Reprod Biol* 2001; 97: 80-4.
4. Roovers JP, van der Vaart CH, van der Bom JG, Fousert DM, Heintz AP. Does mode of hysterectomy influence micturition and defecation? *Acta Obstet Gynecol Scand* 2001; 80: 945-51.
5. Van der Vaart CH, van der Bom JG, de Leeuw JR, Roovers JPWR, Heintz AP. The contribution of hysterectomy to the occurrence of urge and stress urinary incontinence symptoms. *BJOG* 2002; 109: 149-54.
6. Roovers JP, van der Bom JG, van der Vaart CH, Schagen van Leeuwen JH, Heintz AP. Abdominal versus vaginal approach for the management of genital prolapse and coexisting stress incontinence. *Int Urogynecol J Pelvic Floor Dysfunct* 2002; 13: 224-31.
7. Van der Vaart CH, van der Bom JG, de Leeuw JR, Roovers JPWR, Heintz AP. The effect of urinary incontinence and overactive bladder symptoms on quality of life in young women. *BJU Int* 2002; 90: 544-9.
8. van der Vaart CH, de Leeuw JR, Roovers JP, Heintz AP. Measuring health-related quality of life in women with urogenital dysfunction: the urogenital distress inventory and incontinence impact questionnaire revisited. *Neurourol Urodyn* 2003; 22: 97-104.
9. Roovers JP, van der Bom JG, van der Vaart CH, Heintz AP. Hysterectomy and sexual wellbeing: prospective observational study of vaginal hysterectomy, subtotal abdominal hysterectomy, and total abdominal hysterectomy. *BMJ* 2003; 327: 774-8.
10. Roovers JP, van der Vaart CH, van der Bom JG, Schagen van Leeuwen JH, Scholten PC, Heintz AP. A randomised controlled trial comparing abdominal and vaginal prolapse surgery: effects on urogenital function. *BJOG* 2004; 111: 50-6.
11. van Eijkeren MA, Roovers JP, Oorschot V, Geuze HJ. Overall major histocompatibility complex class I expression is not downregulated in cervix cancer, as detected by immunoelectron microscopy. *Int J Gynecol Cancer* 2004 ; 14: 317-21.
12. Roovers JP, van der Bom JG, van der Vaart CH, van Leeuwen JH, Scholten PC, Heintz AP. A randomized comparison of post-operative pain, quality of life, and physical performance during the first 6 weeks after abdominal or vaginal surgical correction of descensus uteri. *Neurourol Urodyn*, 2005; 24: 334-40.
13. Roovers JP, van der Bom JG, van der Vaart CH, Heintz AP. Prediction of findings at dynamic rectal examination (DRE) in patients with genital prolapse. *BJOG* 2005;112:1547-53.
14. Roovers JP, van der Bom JG, van der Vaart CH, Schagen van Leeuwen JH, Scholten PC, Heintz AP. Effects of genital prolapse surgery on sexuality. *Journal of Psychosomatic Obstetrics & Gynecology* 2006; 27(1): 43-8.
15. Oelke M, Roovers JP, Michel M. Safety and tolerability of duloxetine in women with stress incontinence. *BJOG* 2006; 113 Suppl 1: 22-6.
16. Roovers JPWR, van Laar JOEH, Loffeld C, Bremer GL, Mol BW, Bongers. Does urodynamics investigation predict the risk on urinary incontinence following prolapse surgery? *Neurourol Urodyn*, 2007; 26(2): 170-5.

17. Roovers JP, Oelke M. Clinical relevance of urodynamic investigation tests prior to surgical correction of genital prolapse: a literature review. *Int Urogynecol J Pelvic Floor Dysfunct.* 2007; 18(4): 455-60.
18. Verguts J, Roovers JP, De Ridder D, Coremans G, Deprest J. Posterior Intravaginal Slingplasty with Preservation of the Uterus: A Modified Surgical Technique in a Young Myelomeningocele Patient. *Gynecol Obstet Invest.* 2006; 63(4): 203-204.
19. Hinoul P, Vanormelingen L, Roovers JP, de Jonge E, Smajda S. Anatomical variability in the trajectory of the inside-out transobturator vaginal tape technique (TVT-O). *Int Urogynecol J Pelvic Floor Dysfunct.* 2007;18(10):1201-6
20. van der Vaart CH, Roovers JP, de Leeuw JR, Heintz AP. Association between urogenital symptoms and depression in community-dwelling women aged 20 to 70 years. *Urology* 2007; 69(4):691-6.
21. Roovers JP. Registries: what level of evidence do they provide? *Int Urogynecol J Pelvic Floor Dysfunct.* 2007;18(10):1119-20.
22. Hinoul P, Brölmann HAM, Roovers JP. Perspectives in urogynaecology: the surgical challenges ahead. *Gynecol Surg* 2008; 1(5): 3-6.
23. Roovers JP, van der Bom JG, van der Vaart CH. Hysterectomy does not cause constipation. *Dis Colon Rectum.* 2008;51(7):1068-72; discussion 1072-3.
24. Lakeman M, Kruitwagen RF, Vos MC, Roovers JP. Electrosurgical bipolar vessel sealing versus conventional clamping and suturing for total abdominal hysterectomy: a randomized trial. *J Minim Invasive Gynecol.* 2008;15(5):547-53.
25. Hinoul P, Ombelet WU, Burger MP, Roovers JP. A prospective study to evaluate the anatomical and functional outcome of a transobturator mesh kit (Prolift Anterior) for symptomatic cystocele repair. *J Minim Invasive Gynecol*, 2008;15: 615-20.
26. Hazewinkel MH, Schilthuis MS, Roovers JP. Stress urinary incontinence in patients treated for cervical cancer: is TVT-Secur a valuable treatment option? *Int Urogynecol J Pelvic Floor Dysfunct.* 2009; 20: 357-9.
27. Hazewinkel MH, Hinoul P, Roovers JP. Persistent groin pain following a trans-obturator sling procedure for stress urinary incontinence: a diagnostic and therapeutic challenge. *Int Urogynecol J Pelvic Floor Dysfunct.* 2009; 20: 363-5.
28. Claerhout F, De Ridder D, Roovers JP, Rommens H, Spelzini F, Vandenbroucke V, Coremans G, Deprest J. Medium-term anatomic and functional results of laparoscopic sacrocolpopexy beyond the learning curve. *Eur Urol* 2009;55: 1459-67.
29. Groenendijk AG, Birnie E, Boeckxstaens GE, Roovers JP, Bonsel GJ. Anorectal function testing and anal endosonography in the diagnostic work-up of patients with primary pelvic organ prolapse. *Gynecol Obstet Invest.* 2009; 67: 187-94.
30. Hakvoort RA, Dijkgraaf MG, Burger MP, Emanuel MH, Roovers JP. Predicting short-term urinary retention after vaginal prolapse surgery. *Neurourol Urodyn* 2009; 28: 225-8.
31. Loffeld CJ, Thijs S, Mol BW, Bongers MY, Roovers JP. Laparoscopic sacrocolpopexy: a comparison of Prolene and Tutoplast mesh. *Acta Obstet Gynecol Scand.* 2009 ;88: 826-30.
32. Groenendijk AG, Birnie E, de Blok S, Adriaanse AH, Ankum WM, Roovers JP, Bonsel GJ. Clinical-decision taking in primary pelvic organ prolapse; the effects of diagnostic tests on treatment selection in comparison with a consensus meeting. *Int Urogynecol J Pelvic Floor Dysfunct* 2009; 20: 711-9.
33. Hinoul P, Roovers JP, Ombelet W, Vanspauwen R. Surgical management of urinary stress incontinence in women: a historical and clinical overview. *Eur J Obstet Gynecol Reprod Biol* 2009; 145: 219-25.

34. Claerhout F, Roovers JP, Lewi P, Verguts J, De Ridder D, Deprest J. Implementation of laparoscopic sacrocolpopexy--a single centre's experience. *Int Urogynecol J Pelvic Floor Dysfunct* 2009 ;20: 1119-25.
35. Hakvoort RA, Burger MP, Emanuel MH, Roovers JP. A nationwide survey to measure practice variation of catheterisation management in patients undergoing vaginal prolapse surgery. *Int Urogynecol J Pelvic Floor Dysfunct* 2009 ;20: 813-8.
36. Houwert RM, Venema PL, Aquarius AE, Bruinse HW, Roovers JP, Vervest HA. Risk factors for failure of retropubic and transobturator midurethral slings. *Am J Obstet Gynecol* 2009; 202: e1-8.
37. van Leijssen SA, Kluivers KB, Mol BW, Broekhuis SR, Milani FL, van der Vaart CH, Roovers JP, Bongers MY, den Boon J, Spaans WA, de Leeuw JW, Dietz V, Kleinjan JH, Brölmann HA, Roos EJ, Schaafstra J, Heesakkers JP, Vierhout ME. Protocol for the value of urodynamics prior to stress incontinence surgery (VUSIS) study: a multicenter randomized controlled trial to assess the cost effectiveness of urodynamics in women with symptoms of stress urinary incontinence in whom surgical treatment is considered. *BMC Womens Health* 2009; 9: 22.
38. Deprest J, de Ridder D, Roovers JP, Werbrouck E, Coremans G, Claerhout F. Medium term outcome of laparoscopic sacrocolpopexy with xenografts compared to synthetic grafts. *J Urol* 2009; 182: 2362-8.
39. Houwert RM, Roovers JP, Venema PL, Bruinse HW, Dijkgraaf MG, Vervest HA. Outcome and complications of retropubic and transobturator midurethral slings translated into surgical therapeutic indices. *Am J Obstet Gynecol* 2010;202(1):75.e1-7.
40. Hazewinkel MH, Sprangers MA, Taminiau-Bloem EF, van der Velden J, Burger MP, Roovers JP. Reasons for not seeking medical help for severe pelvic floor symptoms: a qualitative study in survivors of gynaecological cancer. *BJOG*. 2010 ;117: 39-46.
41. Lakeman MM, Laan E, Vaart CH, Roovers JP. A new method to measure vaginal sensibility. *Neurourol Urodyn*. 2010; 29(5):753-6.
42. Houwert RM, Roovers JP, Venema PL, Bruinse HW, Dijkgraaf MG, Vervest HA. When to perform urodynamics before mid-urethral sling surgery for female stress urinary incontinence? *Int Urogynecol J Pelvic Floor Dysfunct*. 2010; 21(3):303-9.
43. Houwert RM, van Munster DN, Roovers JP, Venema PL, Dijkgraaf MG, Bruinse HW, Vervest HA. Perspectives by patients and physicians on outcomes of mid-urethral sling surgery. *Int Urogynecol J Pelvic Floor Dysfunct*. 2010; 21(4):415-21.
44. Roovers JPWR, Lakeman MME. Effects of genital prolapse surgery and hysterectomy on pelvic floor function. *F, V & V IN OBGYN*, 2009, 1 (3): 194-207.
45. Hazewinkel MH, Sprangers MA, van der Velden J, van der Vaart CH, Stalpers LJ, Burger MP, Roovers JP. Long-term cervical cancer survivors suffer from pelvic floor symptoms: a cross-sectional matched cohort study. *Gynecol Oncol*. 2010;117: 281-6.
46. Lakeman MM, van der Vaart CH, Roovers JP; HysVA study group. Hysterectomy and lower urinary tract symptoms: a nonrandomized comparison of vaginal and abdominal hysterectomy. *Gynecol Obstet Invest*. 2010;70: 100-6.
47. Hinoul P, Goossens A, Roovers JP. Factors determining the adoption of innovative needle suspension techniques with mesh to treat urogenital prolapse: a conjoint analysis study. *Eur J Obstet Gynecol Reprod Biol*. 2010 Aug;151(2):212-6.
48. van der Steen A, van der Ploeg M, Dijkgraaf MG, van der Vaart H, Roovers JP. Protocol for the CUPIDO trials; multicenter randomized controlled trials to assess the value of combining prolapse surgery and incontinence surgery in patients with genital prolapse and evident stress incontinence (CUPIDO I) and in patients with genital prolapse and occult stress incontinence (CUPIDO II). *BMC Womens Health*. 2010 May 11;10:16.
49. Lakeman MM, van der Vaart CH, Laan E, Roovers JP. The effect of prolapse surgery on vaginal sensibility. *J Sex Med*. 2011 Apr;8(4):1239-45.
50. Hinoul P, Vervest HA, den Boon J, Venema PL, Lakeman MM, Milani AL, Roovers JP. A randomized, controlled trial comparing an innovative single incision sling with an established transobturator sling to treat female stress urinary incontinence. *J Urol*.

- 2011 Apr;185: 1356-62.
51. Hazewinkel MH, Stalpers LJ, Dijkgraaf MG, Roovers JP. Prophylactic vesical instillations with 0.2% chondroitin sulfate may reduce symptoms of acute radiation cystitis in patients undergoing radiotherapy for gynaecological malignancies. *Int Urogynecol J Pelvic Floor Dysfunct*. 2011 Jun;22(6):725-30
  52. Hakvoort R, Thijs S, Bouwmeester F, Broekman A, Ruhe I, Vernooij M, Burger M, Emanuel M, Roovers J. Comparing clean intermittent catheterisation and transurethral indwelling catheterisation for incomplete voiding after vaginal prolapse surgery: a multicentre randomised trial. *BJOG*. 2011 Aug;118(9):1055-60.
  53. Lakeman MM, Van Der Vaart CH, Van Der Steeg JW, Roovers JP; On behalf of the HysVA study group. Predicting the development of stress urinary incontinence 3 years after hysterectomy. *Int Urogynecol J Pelvic Floor Dysfunct*. 2011 Sep;22(9):1179-84.
  54. Thys SD, Coolen AL, Martens IR, Oosterbaan HP, Roovers JP, Mol BW, Bongers MY. A comparison of long-term outcome between Manchester Fothergill and vaginal hysterectomy as treatment for uterine descent. *Int Urogynecol J Pelvic Floor Dysfunct*. 2011 Sep;22(9):1171-8.
  55. Notten KJ, Weemhoff M, Kluivers KB, Schweitzer KJ, Mulder F, Stoker J, Beets-Tan RG, Futterer JJ, Vliegen RF, Evers JL, Link G, Bergmans MG, Kampschoer PH, Gondrie ET, van Gestel I, van Dooren I, Dirksen C, Smits LJ, Bossuyt PM, Roovers JP. Protocol for Translabial 3D-Ultrasonography for diagnosing levator defects (TRUDIL): a multicentre cohort study for estimating the diagnostic accuracy of translabial 3D-ultrasonography of the pelvic floor as compared to MR imaging. *BMC Womens Health*. 2011 Jun 3;11(1):23.
  56. Herderschee R, Hay-Smith EJ, Herbison GP, Roovers JP, Heineman MJ. Feedback or biofeedback to augment pelvic floor muscle training for urinary incontinence in women. *Cochrane Database Syst Rev*. 2011 Jul 6;(7):CD009252.
  57. Hakvoort R, Nieuwkerk P, Burger M, Emanuel M, Roovers J. Patient preferences for clean intermittent catheterisation and transurethral indwelling catheterisation for treatment of abnormal post-void residual bladder volume after vaginal prolapse surgery. *BJOG*. 2011 Oct;118(11):1324-8.
  58. Lakeman MM, van der Vaart CH, Roovers JP. A long-term prospective study to compare the effects of vaginal and abdominal hysterectomy on micturition and defecation. *BJOG*. 2011 Nov;118(12):1511-7.
  59. Groenendijk AG, Birnie E, Roovers JP, Bonsel GJ. Contribution of primary pelvic organ prolapse to micturition and defecation symptoms. *Obstet Gynecol Int*. 2012;2012:798035.
  60. Hazewinkel MH, Gietelink L, van der Velden J, Burger MP, Stoker J, Roovers JP. Renal ultrasound to detect hydronephrosis: a need for routine imaging after radical hysterectomy? *Gynecol Oncol*. 2012 Jan;124(1):83-6
  61. Hazewinkel MH, Sprangers MA, Velden J, Burger MP, Roovers JP. Severe pelvic floor symptoms after cervical cancer treatment are predominantly associated with mental and physical well-being and body image: a cross-sectional study. *Int J Gynecol Cancer*. 2012 Jan;22(1):154-60.
  62. Lakeman MM, Hakvoort RA, Van de Weijer EP, Emanuel MH, Roovers JP. Anterior colporrhaphy does not induce bladder outlet obstruction. *Int Urogynecol J*. 2012 Jun;23(6):723-8.
  63. Lukban JC, Roovers JP, Vandrie DM, Erickson T, Zylstra S, Patel MP, Moore RD. Single-incision apical and posterior mesh repair: 1-year prospective outcomes. *Int Urogynecol J*. 2012 Mar 15.
  64. Hazewinkel MH, Laan ET, Sprangers MA, Fons G, Burger MP, Roovers JP. Long-term sexual function in survivors of vulvar cancer: A cross-sectional study. *Gynecol Oncol*. 2012 Jul;126(1):87-92.
  65. Lakeman MM, Zijta FM, Peringa J, Nederveen AJ, Stoker J, Roovers JP. Dynamic magnetic resonance imaging to quantify pelvic organ prolapse: reliability of assessment and correlation with clinical findings and pelvic floor symptoms. *Int*

- Urogynecol J. 2012 Apr 25.
66. Thys SD, Roovers JP, Geomini PM, Bongers MY. Do Patients Prefer a Pessary or Surgery as Primary Treatment for Pelvic Organ Prolapse. *Gynecol Obstet Invest*. 2012 Jun 27;6-12.
  67. Zijta FM, Lakeman MM, Froeling M, van der Paardt MP, Borstlap CS, Bipat S, Montauban van Swijndregt AD, Strijkers GJ, Roovers JP, Nederveen AJ, Stoker J. Evaluation of the female pelvic floor in pelvic organ prolapse using 3.0-Tesla diffusion tensor imaging and fibre tractography. *Eur Radiol*. 2012 Jul 14
  68. Mulder F, Schoffemeer M, Hakvoort R, Limpens J, Mol B, van der Post J, Roovers J. Risk factors for postpartum urinary retention: a systematic review and meta-analysis. *BJOG*. 2012 Aug 20
  69. Lakeman M, The S, Schellart R, Dietz V, Ter Haar J, Thurkow A, Scholten P, Dijkgraaf M, Roovers J. Electrosurgical bipolar vessel sealing versus conventional clamping and suturing for vaginal hysterectomy: a randomised controlled trial. *BJOG*. 2012 Aug 24
  70. Lakeman MM, Koops SE, Berghmans BC, Roovers JP. Peri-operative physiotherapy to prevent recurrent symptoms and treatment following prolapse surgery: supported by evidence or not? *Int Urogynecol J*. 2012 Nov 14.
  71. Herderschee R, Hay-Smith EC, Herbison GP, Roovers JP, Heineman MJ. Feedback or biofeedback to augment pelvic floor muscle training for urinary incontinence in women: shortened version of a Cochrane systematic review. *Neurourol Urodyn*. 2013 Apr;32(4):325-9
  72. Stanford EJ, Moore RD, Roovers JP, Courtieu C, Lukban JC, Bataller E, Liedl B, Sutherland SE. Elevate anterior/apical: 12-month data showing safety and efficacy in surgical treatment of pelvic organ prolapse. *Female Pelvic Med Reconstr Surg*. 2013 Mar-Apr;19(2):79-83
  73. Lakeman MM, Roovers JP. Electrosurgical bipolar vessel sealing versus conventional clamping and suturing for vaginal hysterectomy: a randomised controlled trial. *BJOG*. 2013 May;120(6):777.
  74. van Leijssen SA, Kluivers KB, Mol BW, Hout Ji, Milani AL, Roovers JP, Boon Jd, van der Vaart CH, Langen PH, Hartog FE, Dietz V, Tiersma ES, Hovius MC, Bongers MY, Spaans W, Heesakkers JP, Vierhout ME; Dutch Urogynecology Consortium. Value of urodynamics before stress urinary incontinence surgery: a randomized controlled trial. *Obstet Gynecol*. 2013 May;121(5):999-1008
  75. Labrie J, Berghmans BL, Fischer K, Milani AL, van der Wijk I, Smalbraak DJ, Vollebregt A, Schellart RP, Graziosi GC, van der Ploeg JM, Brouns JF, Tiersma ES, Groenendijk AG, Scholten P, Mol BW, Blokhuis EE, Adriaanse AH, Schram A, Roovers JP, Lagro-Janssen AL, van der Vaart CH. Surgery versus physiotherapy for stress urinary incontinence. *N Engl J Med*. 2013 Sep 19;369(12):1124-33
  76. Lakeman MM, Laan E, Roovers JP. The effects of prolapse surgery on vaginal wall sensibility, vaginal vasocongestion, and sexual function: A prospective single centre study. *Neurourol Urodyn*. 2014; 33(8):1217-24.
  77. van der Ploeg JM, van der Steen A, Oude Rengerink K, van der Vaart CH, Roovers JP. Prolapse surgery with or without stress incontinence surgery for pelvic organ prolapse: a systematic review and meta-analysis of randomised trials. *BJOG*. 2014 Apr;121(5):537-47.
  78. Roovers JP. Female urology: the benefits of pelvic floor muscle training for prolapse. *Nat Rev Urol*. 2014 Apr;11(4):192-3.
  79. Weber MA, Lakeman MM, Laan E, Roovers JP. The effects of vaginal prolapse surgery using synthetic mesh on vaginal wall sensibility, vaginal vasocongestion, and sexual function: a prospective single-center study. *J Sex Med*. 2014 Jul;11(7):1848-55
  80. Thys SD, de Ridder D, Everaerts W, van Bruwaene S, Deprest J, Roovers JP. Four-defect repair in women with symptomatic anterior compartment prolapse: a large cohort study. *Int Urogynecol J*. 2014 Sep;25(9):1243-50.

81. Mulder FE, Hakvoort RA, Schoffemeer MA, Limpens J, Van der Post JA, Roovers JP. Postpartum urinary retention: a systematic review of adverse effects and management. *Int Urogynecol J*. 2014 Dec;25(12):1605-12.
82. Deprest J, Krofta L, Van der Aa F, Milani AL, Den Boon J, Claerhout F, Roovers JP. The challenge of implementing laparoscopic sacrocolpopexy. *Int Urogynecol J*. 2014 Sep;25(9):1153-60
83. Notten KJ, Essers BA, Weemhoff M, Rutten AG, Donners JJ, van Gestel I, Kruitwagen RF, Roovers JP, Dirksen CD. Do patients prefer mesh or anterior colporrhaphy for primary correction of anterior vaginal wall prolapse: a labelled discrete choice experiment. *BJOG*. 2015 May;122(6):873-80.
84. Weber MA, Limpens J, Roovers JP. Assessment of vaginal atrophy: a review. *Int Urogynecol J*. 2015 Jan;26(1):15-28
85. Schellart RP, Oude Rengerink K, Van der Aa F, Lucot JP, Kimpe B, de Ridder DJ, Dijkgraaf MG, Roovers JP. A randomized comparison of a single-incision midurethral sling and a transobturator midurethral sling in women with stress urinary incontinence: results of 12-mo follow-up. *Eur Urol*. 2014 Dec;66(6):1179-85.
86. Weber MA, Milstein DM, Ince C, Rengerink KO, Roovers JP. Vaginal microcirculation: Non-invasive anatomical examination of the micro-vessel architecture, tortuosity and capillary density. *Neurourol Urodyn*. 2014 Sep 11.
87. Notten KJ, Kluivers KB, Fütterer JJ, Schweitzer KJ, Stoker J, Mulder FE, Beets-Tan RG, Vliegen RF, Bossuyt PM, Kruitwagen RF, Roovers JP, Weemhoff M. Translabial three-dimensional ultrasonography compared with magnetic resonance imaging in detecting levator ani defects. *Obstet Gynecol*. 2014 Dec;124(6):1190-7
88. Kop PA, van Wely M, Mol BW, de Melker AA, Janssens PM, Arends B, Curfs MH, Kortman M, Nap A, Rijnders E, Roovers JP, Ruis H, Simons AH, Repping S, van der Veen F, Mochtar MH. Intrauterine insemination or intracervical insemination with cryopreserved donor sperm in the natural cycle: a cohort study. *Hum Reprod*. 2015 Mar;30(3):603-7.
89. van der Ploeg JM, Oude Rengerink K, van der Steen A, van Leeuwen J, Stekelenburg J, Bongers MY, Weemhoff M, Mol BW, van der Vaart CH, Roovers JP; Dutch Urogynaecology Consortium. Transvaginal prolapse repair with or without the addition of a midurethral sling in women with genital prolapse and stress urinary incontinence: a randomised trial. *BJOG*. 2015 Jun;122(7):1022-30.
90. Vergeldt T, Notten K, Weemhoff M, van Kuijk S, Mulder F, Beets-Tan RG, Vliegen R, Gondrie E, Bergmans M, Roovers J, Kluivers KB. Levator hiatal area as a risk factor for cystocele recurrence after surgery: a prospective study. *BJOG*. 2015; 122(8): 1130-7.
91. Stanford EJ, Moore RD, Roovers JP, VanDrie DM, Giudice TP, Lukban JC, Bataller E, Sutherland SE. Elevate and Uterine Preservation: 2-Year Results. *Female Pelvic Med Reconstr Surg*. 2015; 21(4): 205-10.
92. Velzel J, Roovers JP, Van der Vaart CH, Broekman B, Vollebregt A, Hakvoort R. A nationwide survey concerning practices in pessary use for pelvic organ prolapse in The Netherlands: identifying needs for further research. *Int Urogynecol J*. 2015; 26(10): 1453-8.
93. Weber MA, Milstein DM, Ince C, Roovers JP. Is pelvic organ prolapse associated with altered microcirculation of the vaginal wall? *Neurourol Urodyn*. 2015 Jul 14
94. Vergeldt TF, Notten KJ, Stoker J, Fütterer JJ, Beets-Tan RG, Vliegen RF, Schweitzer KJ, Mulder FE, van Kuijk SM, Roovers JP, Kluivers KB, Weemhoff M. Comparison of translabial three-dimensional ultrasound with magnetic resonance imaging for measurement of levator hiatal biometry at rest. *Ultrasound Obstet Gynecol*. 2016 May;47(5):636-41.
95. Mulder FE, Oude Rengerink K, van der Post JA, Hakvoort RA, Roovers JP. Delivery-related risk factors for covert postpartum urinary retention after vaginal delivery. *Int Urogynecol J*. 2016 Jan;27(1):55-60
96. Weber MA, Kleijn MH, Langendam M, Limpens J, Heineman MJ, Roovers JP. Local Oestrogen for Pelvic Floor Disorders: A Systematic Review. *PLoS One*. 2015 Sep 18;10(9):e0136265.

97. Mulder F, Piersma D, Veersema S, van der Post J, Roovers JP. The Development of a New Medical Device for Standardized Episiotomy: A Pre-Clinical Validation Study. *Gynecol Obstet Invest*. 2016;81(3):207-14.
98. van der Ploeg JM, Roovers JP; study group. Authors' reply re: Transvaginal prolapse repair with or without the addition of a midurethral sling in women with genital prolapse and stress urinary incontinence: a randomised trial. *BJOG*. 2015 Dec;122(13):1847-8
99. Lakeman MM, Roovers JP. Urinary tract infections in women with urogynaecological symptoms. *Curr Opin Infect Dis*. 2016 Feb;29(1):92-7.
100. Schellart RP, Oude Rengerink K, Van der Aa F, Lucot JP, Kimpe B, Dijkgraaf MG, Roovers JP. A randomised comparison of single-incision versus traditional transobturator midurethral sling in women with stress urinary incontinence: results of a 24-month follow-up. *Int Urogynecol J*. 2016 Jun;27(6):871-7
101. van der Ploeg JM, Oude Rengerink K, van der Steen A, van Leeuwen JH, van der Vaart CH, Roovers JW; Dutch Urogynaecology Consortium. Vaginal prolapse repair with or without a midurethral sling in women with genital prolapse and occult stress urinary incontinence: a randomized trial. *Int Urogynecol J*. 2016 Jul;27(7):1029-38.
102. Weber MA, Lim V, Oryszczyn J, Te West N, Souget J, Jeffery S, Roovers JP, Moore KH. The Effect of Vaginal Oestriol Cream on Subjective and Objective Symptoms of Stress Urinary Incontinence and Vaginal Atrophy: An International Multi-Centre Pilot Study. *Gynecol Obstet Invest*. 2017;82(1):15-21
103. Vashaghian M, Ruiz-Zapata AM, Kerkhof MH, Zandieh-Doulabi B, Werner A, Roovers JP, Smit TH. Toward a new generation of pelvic floor implants with electrospun nanofibrous matrices: A feasibility study. *Neurourol Urodyn*. 2017 Mar;36(3):565-573.
104. Weber MA, Diedrich CM, Ince C, Roovers JP. Focal depth measurements of the vaginal wall: a new method to noninvasively quantify vaginal wall thickness in the diagnosis and treatment of vaginal atrophy. *Menopause*. 2016 Aug;23(8):833-8.
105. Roovers JP. Collaboration with the mesh industry: who needs who? *Int Urogynecol J*. 2016 Sep;27(9):1293-5.
106. Derks M, van der Velden J, Frijstein MM, Vermeer WM, Stiggelbout AM, Roovers JP, de Kroon CD, Ter Kuile MM, Kenter GG. Long-term Pelvic Floor Function and Quality of Life After Radical Surgery for Cervical Cancer: A Multicenter Comparison Between Different Techniques for Radical Hysterectomy With Pelvic Lymphadenectomy. *Int J Gynecol Cancer*. 2016 Oct;26(8):1538-43.
107. Schellart RP, Casteleijn FM, Dijkgraaf MGW, Tutolo M, Roovers JWR. Are patients willing to trade cure rate against less pain? Patients' preferences for single incision midurethral sling or transobturator standard midurethral sling. *Neurourol Urodyn*. 2017 Apr;36(4):1187-1193
108. Mengerink BB, Van Leijzen SA, Vierhout ME, Inthout J, Mol BW, Milani AL, Roovers JP, Van Eijndhoven HW, Van Der Vaart CH, Van Gestel I, Hartog FE, Heesakkers JF, Kluivers KB. The Impact of Midurethral Sling Surgery on Sexual Activity and Function in Women With Stress Urinary Incontinence. *J Sex Med*. 2016 Oct;13(10):1498-507.
109. Vashaghian M, Zandieh-Doulabi B, Roovers JP, Smit TH. Electrospun Matrices for Pelvic Floor Repair: Effect of Fiber Diameter on Mechanical Properties and Cell Behavior. *Tissue Eng Part A*. 2016 Dec;22(23-24):1305-1316
110. Kroese JA, van der Velde M, Morssink LP, Zafarmand MH, Geomini P, van Kesteren P, Radder CM, van der Voet LF, Roovers J, Graziosi G, van Baal WM, van Bavel J, Catshoek R, Klinkert ER, Huirne J, Clark TJ, Mol B, Reesink-Peters N. Word catheter and marsupialisation in women with a cyst or abscess of the Bartholin gland (WoMan-trial): a randomised clinical trial. *BJOG*. 2017 Jan;124(2):243-249.
111. Derks M, van Lonkhuijzen LR, Bakker RM, Stiggelbout AM, de Kroon CD, Westerveld H, Roovers JP, Kenter GG, Ter Kuile MM. Long-Term Morbidity and Quality of Life in Cervical Cancer Survivors: A Multicenter Comparison Between Surgery and

- Radiotherapy as Primary Treatment. *Int J Gynecol Cancer*. 2017 Feb;27(2):350-356
112. Kowalik CR, Lakeman MM, Oryszczyn JE, Roovers JP. Reviewing Patients Following Mesh Repair; The Benefits. *Gynecol Obstet Invest*. 2016 Dec 29
  113. Notten KJB, Vergeldt TFM, van Kuijk SMJ, Weemhoff M, Roovers JWR. Diagnostic Accuracy and Clinical Implications of Translabial Ultrasound for the Assessment of Levator Ani Defects and Levator Ani Biometry in Women With Pelvic Organ Prolapse: A Systematic Review. *Female Pelvic Med Reconstr Surg*. 2017 Nov/Dec;23(6):420-428.
  114. Chapple CR, Cruz F, Deffieux X, Milani AL, Arlandis S, Artibani W, Bauer RM, Burkhard F, Cardozo L, Castro-Diaz D, Cornu JN, Deprest J, Gunnemann A, Gyhagen M, Heesakkers J, Koelbl H, MacNeil S, Naumann G, Roovers JWR, Salvatore S, Sievert KD, Tarcan T, Van der Aa F, Montorsi F, Wirth M, Abdel-Fattah M. Consensus Statement of the European Urology Association and the European Urogynaecological Association on the Use of Implanted Materials for Treating Pelvic Organ Prolapse and Stress Urinary Incontinence. *Eur Urol*. 2017 Sep;72(3):424-431
  115. Coolen AWM, van Oudheusden AMJ, Mol BWJ, van Eijndhoven HWF, Roovers JWR, Bongers MY. Laparoscopic sacrocolpopexy compared with open abdominal sacrocolpopexy for vault prolapse repair: a randomised controlled trial. *Int Urogynecol J*. 2017 Apr 17.
  116. Kastelein AW, Dicker MFA, Opmeer BC, Angles SS, Raatikainen KE, Alonso JF, Tăut D, Airaksinen O, Cardozo LD, Roovers JWR; WOMEN-UP consortium. Innovative treatment modalities for urinary incontinence: a European survey identifying experience and attitude of healthcare providers. *Int Urogynecol J*. 2017 Nov;28(11):1725-1731.
  117. Kowalik CR, Casteleijn FM, van Eijndhoven HWF, Zwolsman SE, Roovers JWR. Results of an innovative bulking agent in patients with stress urinary incontinence who are not optimal candidates for mid-urethral sling surgery. *Neurourol Urodyn*. 2017 Apr 28.
  118. Tăut D, Pinteș S, Roovers JWR, Mañanas MA, Băban A. Play seriously: Effectiveness of serious games and their features in motor rehabilitation. A meta-analysis. *NeuroRehabilitation*. 2017;41(1):105-118.
  119. Schellart RP, Zwolsman SE, Lucot JP, de Ridder DJMK, Dijkgraaf MGW, Roovers JWR. A randomized, nonblinded extension study of single-incision versus transobturator midurethral sling in women with stress urinary incontinence. *Int Urogynecol J*. 2017 Jun 2.
  120. Coolen AWM, Troost S, Mol BWJ, Roovers JPWR, Bongers MY. Primary treatment of pelvic organ prolapse: pessary use versus prolapse surgery. *Int Urogynecol J*. 2017 Jun 9.
  121. van Bavel J, Hukkelhoven CWPM, de Vries C, Papatsonis DNM, de Vogel J, Roovers JWR, Mol BW, de Leeuw JW The effectiveness of mediolateral episiotomy in preventing obstetric anal sphincter injuries during operative vaginal delivery: a ten-year analysis of a national registry. *Int Urogynecol J*. 2018;29:407-413.
  122. Coolen AWM, van IJsselmuiden MN, van Oudheusden AMJ, Veen J, van Eijndhoven HWF, Mol BWJ, Roovers JP, Bongers MY. Laparoscopic sacrocolpopexy versus vaginal sacrospinous fixation for vaginal vault prolapse, a randomized controlled trial: SALTO-2 trial, study protocol. *BMC Womens Health*. 2017 Jul 26;17(1):52
  123. Vashaghian M, Zaat SJ, Smit TH, Roovers JP. Biomimetic implants for pelvic floor repair. *Neurourol Urodyn*. 2018 ;37:566-580.
  124. van der Ploeg JM, Zwolsman SE, Posthuma S, Wiarda HS, van der Vaart CH, Roovers JWR. The predictive value of demonstrable stress incontinence during basic office evaluation and urodynamics in women without symptomatic urinary incontinence undergoing vaginal prolapse surgery. *Neurourol Urodyn*. 2018;37:1011-1018
  125. Mulder FEM, Hakvoort RA, de Bruin JP, van der Post JAM, Roovers JWR. Comparison of clean intermittent and transurethral indwelling catheterization for the treatment

- of overt urinary retention after vaginal delivery: a multicentre randomized controlled clinical trial. *Int Urogynecol J*. 2017 Aug 30.
126. Mulder FEM, Hakvoort RA, de Bruin JP, Janszen EW, van der Post JAM, Roovers JWR. Long-term micturition problems of asymptomatic postpartum urinary retention: a prospective case-control study. *Int Urogynecol J*. 2018;29:481-488.
  127. van der Ploeg JM, van der Steen A, Zwolsman S, van der Vaart CH, Roovers JWR. Prolapse surgery with or without incontinence procedure; a systematic review and meta-analysis. *BJOG*. 2018;125:289-297.
  128. Coolen AWM, Bui BN, Dietz V, Wang R, van Montfoort APA, Mol BWJ, Roovers JWR, Bongers MY. The treatment of post-hysterectomy vaginal vault prolapse: a systematic review and meta-analysis. *Int Urogynecol J*. 2017 ;28:1767-1783.
  129. Casteleijn FM, Zwolsman SE, Kowalik CR, Roovers JPWR. Patients' perspectives on urethral bulk injection therapy and mid-urethral sling surgery for stress urinary incontinence. *Int Urogynecol J*. 2018; 29: 1249-1257.
  130. Quo vadis, vaginal mesh in pelvic organ prolapse? Jeffery S, Roovers JP. *Int Urogynecol J*. 2018 May 7.
  131. Uz Z, Kastelein AW, Milstein DMJ, Liu D, Rassam F, Veelo DP, Roovers JWR, Ince C, van Gulik TM. Intraoperative Incident Dark Field Imaging of the Human Peritoneal Microcirculation. *J Vasc Res*. 2018; 55 :136-143.
  132. Liedl B, Goeschen K, Sutherland SE, Roovers JP, Yassouridis A. Can surgical reconstruction of vaginal and ligamentous laxity cure overactive bladder symptoms in women with pelvic organ prolapse? *BJU Int*. 201;123(3):493-510
  133. Kowalik CR, Lakeman MME, de Kraker AT, Roovers JPWR. Effects of mesh-related complications in vaginal surgery on quality of life. *Int Urogynecol J*. 2019;30(7):1083-1089
  134. Mulder FEM, van der Velde S, Pol F, Bos M, van Leeuwen JS, Dietz V, Hakvoort RA, Roovers JWR. Accuracy of postvoid residual volumes after vaginal delivery: a prospective equivalence study to compare an automatic scanning device with transurethral catheterization. *Int Urogynecol J*. 2019;30(5):773-778.
  135. van Dongen H, van der Vaart H, Kluivers KB, Elzevier H, Roovers JP, Milani AL. Dutch translation and validation of the pelvic organ prolapse/incontinence sexual questionnaire-IUGA revised (PISQ-IR). *Int Urogynecol J*. 2019;30(1):107-114
  136. Kastelein AW, Vos LMC, de Jong KH, van Baal JOAM, Nieuwland R, van Noorden CJF, Roovers JWR, Lok CAR. Embryology, anatomy, physiology and pathophysiology of the peritoneum and the peritoneal vasculature. *Semin Cell Dev Biol*. 2019;92:27-36
  137. van der Ploeg JM, Roovers JWR. Should we combine vaginal prolapse surgery with continence surgery? *Int Urogynecol J*. 2019;30(4):577-580.
  138. Vashaghian M, Diedrich CM, Zandieh-Doulabi B, Werner A, Smit TH, Roovers JP. Gentle cyclic straining of human fibroblasts on electrospun scaffolds enhances their regenerative potential. *Acta Biomater*. 2019 Jan 15;84:159-168.
  139. Vermeulen CKM, Coolen ALWM, Spaans WA, Roovers JPWR, Bongers MY. Treatment of vaginal vault prolapse in The Netherlands: a clinical practice survey. *Int Urogynecol J*. 2019 Apr;30(4):581-587.
  140. Jeffery ST, Kortz BS, Muavha D, Stolwijk NN, Ras L, Roovers JWR. Morbidity of a Single Incision Transvaginal Mesh to Correct Apical Prolapse. *J Minim Invasive Gynecol*. 2018 Dec 19.
  141. Aitken CA, Siebers AG, Matthijsse SM, Jansen EEL, Bekkers RLM, Becker JH, Ter Harmsel B, Roovers JWR, van Kemenade FJ, de Kok IMCM. Management and treatment of cervical intraepithelial neoplasia in the Netherlands after referral for colposcopy. *Acta Obstet Gynecol Scand*. 2019;98(6):737-746.
  142. Zwolsman S, Kastelein A, Daams J, Roovers JP, Opmeer BC; WOMEN-UP Consortium: <http://www.women-up.eu/consortium/>. Heterogeneity of cost estimates in health economic evaluation research. A systematic review of stress urinary incontinence studies. *Int Urogynecol J*. 2019;30(7):1045-1059.
  143. van der Ploeg JM, Steyerberg EW, Zwolsman SE, van der Vaart CH, Roovers JWR. Stress urinary incontinence after vaginal prolapse repair: development and internal

- validation of a prediction model with and without the stress test. *Neurourol Urodyn*. 2019 Apr;38(4):1086-1092.
144. Jelovsek JE, Ploeg JMV, Roovers JP, Barber MD. Validation of a Model Predicting De Novo Stress Urinary Incontinence in Women Undergoing Pelvic Organ Prolapse Surgery. *Obstet Gynecol*. 2019 Apr;133(4):683-690
  145. Diedrich CM, Kastelein AW, Verri FM, Weber MA, Ince C, Roovers JWR. Effects of topical estrogen therapy on the vaginal microcirculation in women with vulvovaginal atrophy. *Neurourol Urodyn*. 2019 Jun;38(5):1298-1304
  146. Casteleijn FM, Enklaar RA, El Bouyahyaoui I, Jeffery S, Zwolsman SE, Roovers JWR. How cure rates drive patients' preference for urethral bulking agent or mid-urethral sling surgery as therapy for stress urinary incontinence. *Neurourol Urodyn*. 2019 Jun;38(5):1384-1391
  147. Kastelein AW, Diedrich CM, Jansen CHJR, Zwolsman SE, Ince C, Roovers JWR. Validation of noninvasive focal depth measurements to determine epithelial thickness of the vaginal wall. *Menopause*. 2019 Jun 10
  148. Gluck O, Roovers JP, Deval B. Implant files: News and paradox. *J Gynecol Obstet Hum Reprod*. 2019 Oct;48(8):703-704.
  149. Kastelein AW, Diedrich CM, de Waal L, Ince C, Roovers JWR. The vaginal microcirculation after prolapse surgery. *Neurourol Urodyn*. 2020 Jan;39(1):331-338.
  150. Thys SD, Hakvoort RA, Asseler J, Milani AL, Vollebregt A, Roovers JP. Effect of pessary cleaning and optimal time interval for follow-up: a prospective cohort study. *Int Urogynecol J*. 2020 Aug;31(8):1567-1574.
  151. Ruess E, Roovers JP, Jeffery S. Management of recurrent pelvic organ prolapse after sacrocolpopexy. A video case series. *Int Urogynecol J*. 2020 Jul;31(7):1483-1485.
  152. Kastelein AW, Vos LMC, van Baal JOAM, Koning JJ, Hira VVV, Nieuwland R, van Driel WJ, Uz Z, van Gulik TM, van Rheenen J, Ince C, Roovers JWR, van Noorden CJF, Lok CAR. Poor perfusion of the microvasculature in peritoneal metastases of ovarian cancer. *Clin Exp Metastasis*. 2020 Apr;37(2):293-304.
  153. van Bavel J, Ravelli A, Abu-Hanna A, Roovers J, Mol BW, de Leeuw JW. Risk factors for the recurrence of obstetrical anal sphincter injury and the role of a mediolateral episiotomy: an analysis of a national registry. *BJOG*. 2020 Jul;127(8):951-956.
  154. Erickson T, Roovers JP, Gheiler E, Parekh M, Parva M, Hanson C, McCrery R, Tu LM. A Multicenter Prospective Study Evaluating Efficacy and Safety of a Single-incision Sling Procedure for Stress Urinary Incontinence. *J Minim Invasive Gynecol*. 2021 Jan;28(1):93-99.
  155. Casteleijn FM, Kowalik CR, Berends C, Blaganje M, Lasić Pecev M, van der Linden E, Zwolsman SE, Roovers JWR, Minnee P. Patients' satisfaction and safety of bulk injection therapy Urolastic for treatment of stress urinary incontinence: A cross-sectional study. *Neurourol Urodyn*. 2020 Aug;39(6):1753-1763.
  156. Kastelein AW, de Graaf BC, Latul YP, Verhorstert KWJ, Holthof J, Guler Z, Roovers JPWR. Ultra-high-frequency ultrasound: promising technique to visualize pelvic floor mesh in vivo. *Ultrasound Obstet Gynecol*. 2021 Apr;57(4):653-654.
  157. Himmler M, Rakhimbayeva A, Sutherland SE, Roovers JP, Yassouridis A, Liedl B. The impact of sacrospinous ligament fixation on pre-existing nocturia and co-existing pelvic floor dysfunction symptoms. *Int Urogynecol J*. 2021 Apr;32(4):919-928.
  158. Hympanova L, Mackova K, El-Domyati M, Vodegel E, Roovers JP, Bosteels J, Krofta L, Deprest J. Effects of non-ablative Er:YAG laser on the skin and the vaginal wall: systematic review of the clinical and experimental literature. *Int Urogynecol J*. 2020 Dec;31(12):2473-2484.
  159. Mackova K, Mazzer AM, Mori Da Cunha M, Hajkova Hympanova L, Urbankova I, Kastelein AW, Vodegel E, Vander Linden K, Fehervary H, Guler Z, Roovers JP, Krofta L, Verhaeghe J, Deprest J. Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and sham-controlled trial. *BJOG*. 2021 May;128(6):1087-1096.

160. Kowalik CR, Lakeman MME, Zwolsman SE, Roovers JWR. Efficacy of surgical revision of mesh complications in prolapse and urinary incontinence surgery. *Int Urogynecol J*. 2021 Aug;32(8):2257-2264.
161. Verhorstert KWJ, Guler Z, de Boer L, Riool M, Roovers JWR, Zaat SAJ. In Vitro Bacterial Adhesion and Biofilm Formation on Fully Absorbable Poly-4-hydroxybutyrate and Nonabsorbable Polypropylene Pelvic Floor Implants. *ACS Appl Mater Interfaces*. 2020 Dec 2;12(48):53646-53653.
162. Hympanova L, Rynkevic R, Mori Da Cunha MGMC, Diedrich CM, Blacher S, De Landsheere L, Mackova K, Krofta L, Roovers JP, Deprest J. The ewe as an animal model of vaginal atrophy and vaginal Er:YAG laser application. *Menopause*. 2020 Nov 23;28(2):198-206.
163. Diedrich CM, Roovers JP, Smit TH, Guler Z. Fully absorbable poly-4-hydroxybutyrate implants exhibit more favorable cell-matrix interactions than polypropylene. *Mater Sci Eng C Mater Biol Appl*. 2021 Jan;120:111702.
164. Latul YP, Kastelein AW, Beemster PWT, van Trommel NE, Ince C, Roovers JWR. Noninvasive, in vivo assessment of the cervical microcirculation using incident dark field imaging. *Microvasc Res*. 2021 May;135:104145.
165. Verhorstert KWJ, Gudde AN, Kortz BS, Limpens J, Roovers JWR, Hooijmans CR, Guler Z. Animal experimental research assessing urogynecologic surgical mesh implants: Outcome measures describing the host response, a systematic review and meta-analysis. *Neurourol Urodyn*. 2021 Jun;40(5):1107-1119.
166. Thys S, Hakvoort R, Milani A, Roovers JP, Vollebregt A. Can we predict continued pessary use as primary treatment in women with symptomatic pelvic organ prolapse (POP)? A prospective cohort study. *Int Urogynecol J*. 2021 Aug;32(8):2159-2167.
167. Pruijssers B, van der Vaart L, Milani F, Roovers JP, Vollebregt A, van der Vaart H. Minimal Clinically Important Difference (MCID) for the Pelvic Organ Prolapse-Urinary Incontinence Sexual Function Questionnaire - IUGA Revised (PISQ-IR). *J Sex Med*. 2021 Jul;18(7):1265-1270.
168. van der Vaart LR, Vollebregt A, Milani AL, Lagro-Janssen AL, Duijnhoven RG, Roovers JP, Van der Vaart CH. Pessary or surgery for a symptomatic pelvic organ prolapse: the PEOPLE study, a multicentre prospective cohort study. *BJOG*. 2021 Sep 24.
169. Maljaars LP, Nundwe W, Roovers JWR, Pope RJ. Follow-up of obstetric fistula repair using Singapore fasciocutaneous flap and/or gracilis muscle flap. *Neurourol Urodyn*. 2021 Oct 4.
170. Vodegel EV, Kastelein AW, Jansen CHJR, Limpens J, Zwolsman SE, Roovers JWR, Hooijmans CR, Guler Z. The effects of oestrogen on vaginal wound healing: A systematic review and meta-analysis. *Neurourol Urodyn*. 2021 Oct 13.
171. Diedrich CM, Guler Z, Hympanova L, Vodegel E, Zündel M, Mazza E, Deprest J, Roovers JP. Evaluation of the short term host response and biomechanics of an absorbable poly-4-hydroxybutyrate scaffold in a sheep model following vaginal implantation. *BJOG*. 2021 Dec 5.
172. van der Vaart LR, Vollebregt A, Milani AL, Lagro-Janssen AL, Duijnhoven RG, Roovers JW, van der Vaart CH. Authors' reply re: Pessary or surgery for a symptomatic pelvic organ prolapse, PEOPLE study: a multicentre prospective cohort study. *BJOG*. 2021 Dec 8.
173. van der Vaart LR, Vollebregt A, Pruijssers B, Milani AL, Lagro-Janssen AL, Roovers JWR, van der Vaart CH. Female Sexual Functioning in Women With a Symptomatic Pelvic Organ Prolapse; A Multicenter Prospective Comparative Study Between Pessary and Surgery. *J Sex Med*. 2022 Feb;19(2):270-279.
174. Vodegel EV, Zwolsman SE, Vollebregt A, Duijnhoven RG, Bosmans JE, Speksnijder L, Roos EJ, Spaans W, Gerards F, Adriaanse A, Vernooij F, Milani AL, Sikkema M, Weemhoff M, Mous M, Damoiseaux A, van Dongen H, V/D Ploeg M, Veen J, van de Pol G, Broekman B, Steures P, Tjin-Asjoe F, van der Stege J, Mouw R, van der Vaart CH, Roovers JWR. Cost-Effectiveness of perioperative Vaginally Administered estrogen in postmenopausal women undergoing prolapse surgery (EVA trial): study

- protocol for a multicenter double-blind randomized placebo-controlled trial. *BMC Womens Health*. 2021 Dec 31;21(1):439.
175. Kowalik CR, Zwolsman SE, Malekzadeh A, Roumen RMH, Zwaans WAR, Roovers JWPR. Are polypropylene mesh implants associated with systemic autoimmune inflammatory syndromes? A systematic review. *Hernia*. 2022 Apr;26(2):401-410.
  176. Guler Z, Roovers JP. Role of Fibroblasts and Myofibroblasts on the Pathogenesis and Treatment of Pelvic Organ Prolapse. *Biomolecules*. 2022 Jan 6;12(1):94
  177. Vodegel EV, van Delft KWM, Nuboer CHC, Kowalik CR, Roovers JWR. Surgical management of pudendal nerve entrapment after sacrospinous ligament fixation. *BJOG*. 2022 Oct;129(11):1908-1915.
  178. de Vries AM, Casteleijn FM, Roovers JWR, Heesakkers JPFA, Fütterer JJ. Imaging findings of vinyl dimethyl polydimethylsiloxane used as a paraurethral injectable for female stress urinary incontinence. *Ther Adv Urol*. 2021 Dec 5;13.
  179. Kowalik CR, Zwolsman SE, Malekzadeh A, Roumen RMH, Zwaans WAR, Roovers JWPR. Are polypropylene mesh implants associated with systemic autoimmune inflammatory syndromes? Author's reply. *Hernia*. 2022 Aug;26(4):1205.
  180. Verhorstert KWJ, Riool M, Bulten T, Guler Z, de Boer L, Roovers JWR, Zaat SAJ. The impact of bacterial contamination on the host response towards fully absorbable poly-4-hydroxybutyrate and nonabsorbable polypropylene pelvic floor implants. *Mater Today Bio*. 2022 Apr 19;15:100268.
  181. Latul YP, Casteleijn FM, Zwolsman SE, Roovers JWR. Sexual Function Following Treatment for Stress Urinary Incontinence With Bulk Injection Therapy and Mid-Urethral Sling Surgery. *J Sex Med*. 2022 Jul;19(7):1116-1123.
  182. Sueters J, Groenman FA, Bouman MB, Roovers JPW, de Vries R, Smit TH, Huirne JAF. Tissue Engineering Neovagina for Vaginoplasty in Mayer-Rokitansky-Küster-Hauser Syndrome and Gender Dysphoria Patients: A Systematic Review. *Tissue Eng Part B Rev*. 2023 Feb;29(1):28-46.
  183. Vodegel EV, van Delft KWM, Nuboer CHC, Kowalik CR, Roovers JWR. Authors' reply: Surgical management of pudendal nerve entrapment after sacrospinous ligament fixation. *BJOG*. 2022 Oct;129(11):1943
  184. Gudde AN, van Velthoven MJJ, Roovers JWR, Kouwer PHJ, Guler Z. Polyisocyanides as a substrate to trigger vaginal fibroblast functioning in an in vitro model for prolapse repair. *Biomater Adv*. 2022 Oct;141:213104.
  185. Maljaars LP, Jeffery ST, Scholten M, Kaestner L, Jere K, Bezuidenhout D, Guler Z, Roovers JWR. Validation of an ovine vesicovaginal fistula model. *Int Urogynecol J*. 2022 Nov;33(11):3185-3193.
  186. Verhorstert K, Gudde A, Weitsz C, Bezuidenhout D, Roovers JP, Guler Z. Absorbable Electrospun Poly-4-hydroxybutyrate Scaffolds as a Potential Solution for Pelvic Organ Prolapse Surgery. *ACS Appl Bio Mater*. 2022 Nov 21;5(11):5270-5280.
  187. Maljaars LP, Bendaoud S, Kastelein AW, Guler Z, Hooijmans CR, Roovers JWR. Application of amniotic membranes in reconstructive surgery of internal organs-A systematic review and meta-analysis. *J Tissue Eng Regen Med*. 2022 Dec;16(12):1069-1090.
  188. Diedrich CM, Verhorstert KWJ, Riool M, Schuster H, de Boer L, Kikhney J, Moter A, Zaat SAJ, Roovers JWR. Transvaginal Mesh-related Complications and the Potential Role of Bacterial Colonization: An Exploratory Observational Study. *J Minim Invasive Gynecol*. 2023 Mar;30(3):205-215.
  189. van der Vaart LR, Vollebregt A, Milani AL, Lagro-Janssen AL, Duijnhoven RG, Roovers JWR, van der Vaart CH. Effect of Pessary vs Surgery on Patient-Reported Improvement in Patients With Symptomatic Pelvic Organ Prolapse: A Randomized Clinical Trial. *JAMA*. 2022 Dec 20;328(23):2312-2323.
  190. Maljaars LP, Hesham H, Huisman H, Nundwe W, Roovers JWR, Pope RJ. Predictors of outcomes in patients with repeat surgery for obstetric fistula: a retrospective review. *Int Urogynecol J*. 2023 Jul;34(7):1567-1574.
  191. van Raalte H, Bhatia N, Mangel J, Ryckebusch H, Roovers JP. A novel anchoring system for pelvic organ prolapse repair: an observational study. *Int Urogynecol J*. 2023 Jul;34(7):1593-1598.

192. Casteleijn FM, de Vries AM, Tu LM, Heesakkers JPFA, Latul Y, Kowalik CR, van Eijndhoven HWF, van Eekelen R, Roovers JWR. Cost-effectiveness of urethral bulking polydimethylsiloxane-Urolastic® compared with mid-urethral sling surgery for stress urinary incontinence: A two-arm cohort study. *BJOG*. 2023 May;130(6):674-683.
193. Maljaars LP, Guler Z, Roovers JWR, Bezuidenhout D. Mechanical reinforcement of amniotic membranes for vesicovaginal fistula repair. *J Mech Behav Biomed Mater*. 2023 Mar;139:105680.
194. Van Rest KLC, Gielen MJCAM, Warmerdam LM, Kowalik CR, Roovers JPWR, Zwaans WAR. Prediction of successful revision surgery for mesh-related complaints after inguinal hernia and pelvic organ prolapse repair. *Hernia*. 2024 Apr;28(2):401-410.
195. Latul YP, Kastelein AW, de Graaf BC, Guler Z, Roovers JWR. Non-invasive biomechanical assessment of the prolapsed vaginal wall: an explorative pilot study on cutometry and indentometry. *Sci Rep*. 2023 Feb 16;13(1):2751.
196. Te West NID, Harris K, Jeffrey S, de Nie I, Parkin K, Roovers JP, Moore KH. The effect of 12 weeks of estriol cream on stress urinary incontinence post-menopause: A prospective multinational observational study. *Neurourol Urodyn*. 2023 Apr;42(4):799-806.
197. van Teijlingen NH, Eder J, Sarrami-Forooshani R, Zijlstra-Willems EM, Roovers JWR, van Leeuwen E, Ribeiro CMS, Geijtenbeek TBH. Immune activation of vaginal human Langerhans cells increases susceptibility to HIV-1 infection. *Sci Rep*. 2023 Feb 25;13(1):3283.
198. van Velthoven MJJ, Gudde AN, Struijs F, Oosterwijk E, Roovers JP, Guler Z, Hooijmans CR, Kouwer PHJ. The Effect of Growth Factors on Vaginal Wound Healing: A Systematic Review and Meta-analysis. *Tissue Eng Part B Rev*. 2023 Aug;29(4):429-440.
199. Vodegel EV, Guler Z, Ras L, Mackova K, Groeneveld ACHM, Bezuidenhout D, Deprest J, Jeffery ST, Roovers JWR. Vaginal changes after ovariectomy in ewes: A large animal model for genitourinary syndrome of menopause. *Int J Gynaecol Obstet*. 2023 Sep;162(3):1042-1049.
200. Casteleijn F, Latul Y, van Eekelen R, Roovers JP. A Clinical Learning Curve Study of Polydimethylsiloxane Urolastic for Stress Urinary Incontinence: Does Safety Improve when Expertise Grow? *Gynecol Obstet Invest*. 2023;88(4):240-248.
201. Latul YP, Vodegel EV, Kastelein AW, Alkemade L, Ras L, Hilty MP, Favaron E, Ince Y, Ince C, Jeffery S, Guler Z, Roovers JWR. The effect of CO<sub>2</sub> laser therapy on vaginal microcirculatory parameters in an animal model for genitourinary syndrome of menopause. *Neurourol Urodyn*. 2023 Aug;42(6):1381-1389.
202. van Velthoven MJJ, Gudde AN, Arendsen E, Roovers JP, Guler Z, Oosterwijk E, Kouwer PHJ. Growth Factor Immobilization to Synthetic Hydrogels: Bioactive bFGF-Functionalized Polyisocyanide Hydrogels. *Adv Healthc Mater*. 2023 Oct;12(27):e2301109.
203. van Bavel J, Ravelli ACJ, Roovers JPWR, Abu-Hanna A, Mol BW, de Leeuw JW. Risk indicators for obstetrical anal sphincter injury in vaginal birth after caesarean section compared to first vaginal delivery. *Eur J Obstet Gynecol Reprod Biol*. 2023 Sep;288:198-203.
204. Gudde AN, van Velthoven MJJ, Türkel B, Kouwer PHJ, Roovers JWR, Guler Z. Vaginal Fibroblast Behavior as a Function of Stiffness Changes in a Polyisocyanide Hydrogel for Prolapse Repair. *ACS Appl Bio Mater*. 2023 Sep 18;6(9):3759-3767.
205. Latul YP, Ince C, van Trommel NE, van den Brandhof-van den Berg A, Roovers JPWR, Kastelein AW. Handheld vital microscopy for the identification of microcirculatory alterations in cervical intraepithelial neoplasia and cervical cancer. *Microvasc Res*. 2024 Jan;151:104608.
206. Maljaars LP, Kastelein AW, Latul YP, Nakoma G, Chipungu E, Roovers JWR, Pope RJ. The Microcirculation of Vaginal Tissue in Women with Obstetric Vesicovaginal Fistula and Short-Term Effects of Surgical Repair on Microvascular Parameters. *Gynecol Obstet Invest*. 2023;88(5):302-309.

207. Sueters J, Xiao F, Roovers JP, Bouman MB, Groenman F, Maas H, Huirne J, Smit T. Creation of a decellularized vaginal matrix from healthy human vaginal tissue for potential vagina reconstruction: experimental studies. *Int J Surg.* 2023 Dec 1;109(12):3905-3918.
208. Gudde AN, van Velthoven MJJ, Kouwer PHJ, Roovers JWR, Guler Z. Injectable polyisocyanide hydrogel as healing supplement for connective tissue regeneration in an abdominal wound model. *Biomaterials.* 2023 Nov;302:122337.
209. Farag F, Osman NI, Pang KH, Castro-Diaz D, Chapple CR, Cruz F, Gamé X, Goldman H, Greenwell T, Hampel C, Scailteux LM, Roovers JP, Welk B, Heesakkers J. Complications of Synthetic Midurethral Slings: Is There a Relevant Discrepancy Between Observational Data and Clinical Trials? *Eur Urol Focus.* 2024 Jul;10(4):535-550.
210. Use of Poly-4-Hydroxybutyrate as a Retropubic Mid-Urethral Sling (MUS) for Stress Urinary Incontinence: A Prospective 24 Months Follow-Up of New Poly-4-Hydroxybutyrate TephaFlex SUI Bioresorbable MUS. *J Minim Invasive Gynecol.* 2024 Feb;31(2):131-137.
211. van Velthoven MJJ, Gudde AN, van der Kruit M, van Loon MPC, Rasing L, Wagener FADTG, Roovers JP, Guler Z, Kouwer PHJ. An Improved Understanding of the Pathophysiology of Pelvic Organ Prolapse: A 3D In Vitro Model under Static and Mechanical Loading Conditions. *Adv Healthc Mater.* 2024 Mar;13(8):e2302905.
212. Seijmonsbergen-Schermer AE, Peerdeman KM, van den Akker T, Titulaer LM, Roovers JP, Peters LL, Verhoeven CJ, de Jonge A. Differences in rates of severe perineal trauma between midwife-led and obstetrician-led care in the Netherlands: A nationwide cohort study. *Heliyon.* 2024 Jan 12;10(2):e24609.
213. Maljaars L, Gudde A, Oosthuysen A, Roovers JP, Guler Z. The Regenerative Capacity of Tissue-Engineered Amniotic Membranes. *ACS Appl Bio Mater.* 2024 Mar 18;7(3):1441-1448.
214. Guler Z, Kaestner LA, Vodegel E, Ras L, Jeffrey S, Roovers JP. Two-Year Preclinical Evaluation of Long-Term Absorbable Poly-4-hydroxybutyrate Scaffold for Surgical Correction of Pelvic Organ Prolapse. *Int Urogynecol J.* 2024 Mar;35(3):713-722.
215. Ben ÂJ, van der Vaart LR, E Bosmans J, Roovers JWR, Lagro-Janssen ALM, van der Vaart CH, Vollebregt A; PEOPLE group. Cost-effectiveness of pessary therapy versus surgery for symptomatic pelvic organ prolapse: an economic evaluation alongside a randomised non-inferiority controlled trial. *BMJ Open.* 2024 May 1;14(5):e075016.
216. Sokol ER, Tu LM, Thomas SL, Erickson TB, Roovers JWR. Transvaginal Mesh Versus Native Tissue Repair for Anterior and Apical Pelvic Organ Prolapse. *J Obstet Gynaecol Can.* 2024 Nov;46(11):102658.
217. van Bavel J, Ravelli ACJ, Roovers JPWR, Abu-Hanna A, Mol BW, de Leeuw JW. The association of obstetric anal sphincter injury and mediolateral episiotomy with increasing birth weight and duration of second stage of labour in spontaneous vaginal delivery. *Eur J Obstet Gynecol Reprod Biol.* 2024 Nov;302:294-300.
218. Swieten ECAMV, Stralen KJV, Vollebregt A, Roovers JWR. Opinions of Gynecologists About Indication and Technique of Perineoplasty. *J Clin Med.* 2024 Dec 11;13(24):7536.
219. van Rest KLC, Jeffrey ST, Kaestner L, Gudde A, Oosthuysen A, Roovers JWR, Guler Z. Evaluation of Electrospun Poly-4-Hydroxybutyrate as Biofunctional and Degradable Scaffold for Pelvic Organ Prolapse in a Vaginal Sheep Model. *Macromol Biosci.* 2025 Apr;25(4):e2400412.

### Chapters in books

1. Oelke M, Roovers JP (2009) Continence: bladder neck vs. mid-urethra. In: Badlani G, Davila GW, Michel MC, de la Rosette JJ (eds.) *Continence: current concepts and treatment strategies.* Springer-Verlag London (ISBN): 978-1-84628-510-3.
2. Roovers JP, Oelke M (2008) Urinary incontinence, Clinical and Surgical considerations. In: *Medical Radiology Volume Imaging Pelvic Floor Disorders 2nd*

Revised Edition - Edited by J. Stoker, S.Taylor, J.O.L. DeLancey. ISBN: 978-3-540-71966-3.

3. Vervest HAM, van der Vaart CH, Roovers JP (2012). Bekkenbodempathologie, urine-incontinentie en fecale incontinentie. In: Obstetrie en Gynaecologie, 7th Revised Edition. Edited by MJ Heineman.
4. van der Vaart CH, Steures P, Roovers JP (2018). Bekkenbodempathologie, urine-incontinentie en fecale incontinentie. In: Obstetrie en Gynaecologie, 8th Revised Edition. Edited by E Steegers.

### **Book**

Roovers JP, Stel, je hebt een verzakking. (Patient-education) 1<sup>e</sup> druk, juni 2015, ISBN 9789491549724, © Poiesz uitgevers, Koog aan de Zaan.

### **Activities during Medical school / PhD / Training as resident :**

- |             |   |   |
|-------------|---|---|
| 1989        | : | Member Student Fraternity "C.S. Veritas"  |
| 1990        | : | Member rowing club "U.S.R. Triton"  |
| 1990 – 1994 | : | Teacher in clinical statistics  |
| 1990 - 1991 | : | Faculty member Medical Student Organisation Utrecht   |
| 1999 – 2001 | : | Several courses in medical epidemiology, Erasmus University Rotterdam                               |
| 2000        | : | Faculty member scientific committee "Symposium for experimental surgical research", UMC Utrecht     |
| 2001 – 2005 | : | Faculty member "Society of scientific research by surgical residents".                              |
| 2002 – 2003 | : | Organisation scientific meeting for Dutch residents in Obstetrics and Gynaecology, Berlin, Germany. |
| 2002 – 2005 | : | Teaching committee Obstetrics and Gynaecology, UMC Utrecht.   |
| 2003 – 2006 | : | Faculty member Dutch Society of residents in Obstetrics and Gynaecology.                            |
| 2003 – 2006 | : | Member scientific board of the Dutch society of Obstetrics and Gynaecology.                         |
| 2004 – 2005 | : | Organising Committee of the symposium for residents in Obstetrics and Gynaecology                   |
| 2004 – 2006 | : | Faculty member of the Concilium Obstetricum et Gynaecologicum                                       |

### **Current activities / memberships**

- Associate editor of "Gynaecological and Obstetrical Investigation"
- Associate editor of "Facts, Views & Vision in ObGyn"
- Member editorial board "International Uro-Gynaecology Journal"
- Chair of the "Education Committee" of the "International Uro-Gynaecology Association" 2010 - 2015
- Vice president of the Dutch pelvic floor society.
- Member of the scientific committee of the Dutch Society of Obstetrics and Gynaecology
- Chair and co-founder of the Dutch uro-gynaecology research consortium
- Member of the AMC project group "Surgery theatre of the future"
- Reviewer of : International Journal of Uro-gynaecology, Neuro-urology and Urodynamics, British Journal of Obstetrics and Gynaecology, Lancet, British Medical Journal
- Member of the Scientific Committee of the 17th ESGE Annual Congress, Amsterdam,

2008

- Trainer for surgical procedures in prolapse surgery in the Netherlands and abroad (operated in > 30 countries worldwide including Indonesia, Saudi Arabia, Russia, Spain, Sweden, Australia, South Africa)
- Chair of the Dutch multi-disciplinary guideline committee: "pelvic organ prolapse"
- Chair of the Dutch complication registry for gynaecologic surgery
- Chair of the "Scientific Committee" of the "European Uro-Gynaecology Association".
- Chair of the EUGA 2016 congress in Amsterdam
- Chair of IUGA 2020 congress in The Hague, the Netherlands
- Co-CHAIR OF ics 2026 IN Maastricht, the Netherlands
- Chair innovation committee of IUGA
- Member scientific committee of International Continence Society