

Publikationsliste PD Dr. Peter Rusch:

1. Rosendahl P, Hippler J, Schmitz OJ, Hoffmann O, **Rusch P** (2016) Cyclic volatile methylsiloxanes in human blood as markers for ruptured silicone gel-filled breast implants. *Anal Bioanal Chem* 408:3309–3317. <https://doi.org/10.1007/s00216-016-9401-7>
2. **Rusch P**, Hoffmann O, Stickelmann A-L, Böhmer S, Gätje R, Krüger KG, Niesert S, Schmidt A, Kimmig R (2016) Distant metastasis detected by routine staging in breast cancer patients participating in the national German screening programme: consequences for clinical practice. *SpringerPlus* 5:1010. <https://doi.org/10.1186/s40064-016-2703-6>
3. **Rusch P**, Kimmig R, Lecuru F, Persson J, Ponce J, Degueldre M, Verheijen R (2018) The Society of European Robotic Gynaecological Surgery (SERGS) Pilot Curriculum for robot assisted gynecological surgery. *Arch Gynecol Obstet* 297:415–420. <https://doi.org/10.1007/s00404-017-4612-5>
4. **Rusch P**, Ind T, Kimmig R, Maggioni A, Ponce J, Zanagnolo V, Coronado PJ, Verguts J, Lambaudie E, Falconer H, Collins JW, Verheijen RHM (2019) Recommendations for a standardised educational program in robot assisted gynaecological surgery: Consensus from the Society of European Robotic Gynaecological Surgery (SERGS). *Facts, Views&Vision*:29–41
5. **Rusch P**, Kimmig R, Mach P, Krolle S, Buderath P (2020a) Hysterectomy in Uterus Myomatosis - is the Robot the Jack-of-all-Trades? - A 15-Year Retrospective from a Tertiary Referral Center. *Advances in Laparoscopy*:69–75
6. **Rusch P**, Hirner AV, Schmitz O, Kimmig R, Hoffmann O, Diel M (2020b) Zinc distribution within breast cancer tissue of different intrinsic subtypes. *Arch Gynecol Obstet*. <https://doi.org/10.1007/s00404-020-05789-8>
7. Riesop D, Hirner AV, **Rusch P**, Bankfalvi A (2015) Zinc distribution within breast cancer tissue: A possible marker for histological grading? *J Cancer Res Clin Oncol* 141:1321–1331. <https://doi.org/10.1007/s00432-015-1932-3>
8. Kimmig R, Aktas B, Buderath P, **Rusch P**, Heubner M (2016) Intraoperative navigation in robotically assisted compartmental surgery of uterine cancer by visualisation of embryologically derived lymphatic networks with indocyaninegreen (ICG). *J Surg Oncol* 113:554–559. <https://doi.org/10.1002/jso.24174>
9. Budeus B, Kibler A, Brauser M, Homp E, Bronischewski K, Ross JA, Görgens A, Weniger MA, Dunst J, Kreslavsky T, da Conceição Castro SV, Murke F, Oakes CC, **Rusch P**, Andrikos D, Kern P, Köninger A, Lindemann M, Johansson P, Hansen W, Lundell A-C, Rudin A, Dürig J, Giebel B, Hoffmann D, Küppers R, Seifert M (2020) Human neonatal B cell immunity differs from the

adult version by conserved Ig repertoires and rapid, but transient response dynamics. bioRxiv 2020.08.11.245985; doi: <https://doi.org/10.1101/2020.08.11.245985>

10. Buderath P, **Rusch P**, Mach P, Kimmig R (2020) Cancer field surgery in endometrial cancer: peritoneal mesometrial resection and targeted compartmental lymphadenectomy for locoregional control. *J Gynecol Oncol* 32. <https://doi.org/10.3802/jgo.2021.32.e7>

11. Köninger A, **Rusch P**, Kimmig R (2020) Successful myometrial closure over protruding Cesarean scar pregnancy. *Ultrasound Obstet Gynecol*. <https://doi.org/10.1002/uog.22135>

12. Kimmig R, **Rusch P**, Buderath P, Aktas B (2016b) Left paraaortic, inframesenteric lymphadenectomy preserving the superior hypogastric plexus supported by indocyanine green (ICG) labeling of the lymphatic compartment in cervical cancer. *Gynecol Oncol Rep* 18:14. <https://doi.org/10.1016/j.gore.2016.09.002>

13. Kimmig R, Buderath P, **Rusch P**, Aktas B (2017e) Technique of ICG-guided Targeted Compartmental Pelvic Lymphadenectomy (TCL) combined with Pelvic Peritoneal Mesometrial Resection (PMMR) for locoregional control of endometrial cancer - A proposal. *Gynecol Oncol Rep* 20:125–126. <https://doi.org/10.1016/j.gore.2017.04.002>

14. Kimmig R, Buderath P, Mach P, **Rusch P**, Aktas B (2017d) Surgical treatment of early ovarian cancer with compartmental resection of regional lymphatic network and indocyanine-green-guided targeted compartmental lymphadenectomy (TCL, paraaortic part). *J Gynecol Oncol* 28:e41. <https://doi.org/10.3802/jgo.2017.28.e41>

15. Kimmig R, Buderath P, **Rusch P**, Mach P, Aktas B (2017b) Early ovarian cancer surgery with indocyanine-green-guided targeted compartmental lymphadenectomy (TCL, pelvic part). *J Gynecol Oncol* 28:e68. <https://doi.org/10.3802/jgo.2017.28.e68>

16. Kimmig R, **Rusch P**, Buderath P, Aktas B (2017a) Aortic utero-ovarian sentinel nodes and left infrarenal aortic lymph node dissection by ICG supported navigation. *Gynecol Oncol Rep* 20:22–23. <https://doi.org/10.1016/j.gore.2017.02.003>

17. Kimmig R, Buderath P, **Rusch P**, Aktas B (2017c) Surgical anatomy of the ligamentous mesometrium and robotically assisted ICG-guided resection in cervical cancer. *Gynecol Oncol Rep* 20:4. <https://doi.org/10.1016/j.gore.2017.01.008>

18. Kimmig R, Aktas B, Buderath P, **Rusch P**, Heubner M (2016a) ICG-gestützte Navigation bei der Chirurgie uteriner Malignome. Gynäkologe 49:373–380.
<https://doi.org/10.1007/s00129-016-3857-6>
19. Buderath P, **Rusch P**, Kimmig R (2019) Kompartimentbasierte Chirurgie und Sentinel-Konzept beim Endometriumkarzinom: der Essener Weg. Gynäkologe 52:538–541. <https://doi.org/10.1007/s00129-019-4400-3>
20. Königer A, Winter A, **Rusch P**, Heubner M, Mach P, Kimmig R (2017) Spätfolgen der Sectioentbindung: Narbendefekte und Plazentationsstörungen. Gynäkologe 50:785–792. <https://doi.org/10.1007/s00129-017-4115-2>
21. **Rusch, P**, Kimmig, R Robotics (2020) „smart medicine“ in der minimalinvasiven gynäkologischen Chirurgie. Gynäkologe 53, 607–613.
<https://doi.org/10.1007/s00129-020-04614-2>