

Publikationsverzeichnis

Prof. Dr. med. Martin Heubner

a) Originalarbeiten

Intraoperative Navigation in Robotically Assisted Compartmental Surgery of Uterine Cancer by Visualisation of Embryologically Derived Lymphatic Networks With Indocyanine-Green (ICG)

Kimmig, R, Aktas B, Buderath P, Rusch P, **Heubner M**

Journal of Surgical Oncology, Received 3 December 2015; Accepted 6 January 2016
DOI 10.1002/jso.24174, Published online in Wiley

Temsirolimus in women with platinum-refractory/resistant ovarian cancer or advanced/recurrent endometrial carcinoma. A phase II study of the AGO-Study Group (AGO-GYN8).

Emons G, Kurzeder C, Schmalfeldt B, Neuser P, de Gregorio N, Pfisterer J, Park-Simon TW, Mahner S, Schröder W, Lück HJ, **Heubner ML**, Hanker L, Thiel F, Hilpert F.

Gynecol Oncol. 2015 Dec 27

Embryologically based radical hysterectomy as peritoneal mesometrial resection (PMMR) with pelvic and para-aortic lymphadenectomy for loco-regional tumor control in endometrial cancer: first evidence for efficacy.

Kimmig R, Iannaccone A, Aktas B, Buderath P, **Heubner M**

Arch Gynecol Obstet. 2015 Nov 23

Standard first-line chemotherapy with or without nintedanib for advanced ovarian cancer (AGO-OVAR 12): a randomised, double-blind, placebo-controlled phase 3 trial.

du Bois A, Kristensen G, Ray-Coquard I, Reuss A, Pignata S, Colombo N, Denison U, Vergote I, del Campo JM, Ottevanger P, **Heubner M**, Minarik T, Sevin E, de Gregorio N, Bidziński M, Pfisterer J, Malander S, Hilpert F, Mirza MR, Scambia G, Meier W, Nicoletto MO, Bjørge L, Lortholary A, Sailer MO, Merger M, Harter P
The Lancet Oncology, Published online November 15, 2015

Implementation of FAST-PET/MRI for whole-body staging of female patients with recurrent pelvic malignancies: A comparison to PET/CT.

Grueneisen J, Schaarschmidt BM, **Heubner M**, Suntharalingam S, Milk I, Kinner S, Heubner A, Forsting M, Lauenstein T, Ruhlmann V, Umutlu L.
Eur J Radiol. 2015 Aug 20

Single nucleotide polymorphisms of the EpCAM-coding gene TACSTD1 in patients with ovarian cancer and their potential translational aspects.

Heubner M, Wimberger P, Kasimir-Bauer S, Singer BB, Ruf P, Kimmig R, Siffert W.
Arch Gynecol Obstet. 2015 Jun 27

Integrated PET/MRI for whole-body staging of patients with primary cervical cancer: preliminary results.

Grueneisen J, Schaarschmidt BM, **Heubner M**, Aktas B, Kinner S, Forsting M, Lauenstein T, Ruhlmann V, Umutlu L
Eur J Nucl Med Mol Imaging. 2015 Jul 22. [Epub ahead of print]

Evaluation of the prognostic significance of disseminated tumor cells in the bone marrow of primary, non-metastatic breast cancer patients after a 7-year follow-up.

Hoffmann O, Schroer-Zuendorf IA, Kasimir-Bauer S, Oberhoff C, Kimmig R, **Heubner M**
Arch Gynecol Obstet, DOI 10.1007/s00404-015-3748-4, published online 19 May 2015

Diagnostic value of diffusion-weighted imaging in simultaneous 18F-FDG PET/MR imaging for whole-body staging of women with pelvic malignancies.

Grueneisen J, Schaarschmidt BM, Beiderwellen K, Schulze-Hagen A, **Heubner M**, Kinner S, Forsting M, Lauenstein T, Ruhlmann V, Umutlu L.

J Nucl Med. 2014 Dec;55(12):1930-5. doi: 10.2967

Simultaneous Positron Emission Tomography/Magnetic Resonance Imaging for Whole-Body Staging in Patients With Recurrent Gynecological Malignancies of the Pelvis: A Comparison to Whole-Body Magnetic Resonance Imaging Alone.

Grueneisen J, Beiderwellen K, Heusch P, Gratz M, Schulze-Hagen A, **Heubner M**, Kinner S, Forsting M, Lauenstein T, Ruhlmann V, Umutlu L

Invest Radiol. 2014 Jul 9.

Definition of compartment-based radical surgery in uterine cancer: radical hysterectomy in cervical cancer as 'total mesometrial resection (TMMR)' by M Höckel translated to robotic surgery (rTMMR).

Kimmig R, Wimberger P, Buderath P, Aktas B, Iannaccone A, **Heubner M**

World J Surg Oncol. 2013 Aug 26

Definition of compartment-based radical surgery in uterine cancer: modified radical hysterectomy in intermediate/high-risk endometrial cancer using peritoneal mesometrial resection (PMMR) by M Hockel translated to robotic surgery.

Kimmig R, Aktas B, Buderath P, Wimberger P, Iannaccone A, **Heubner M**

World J Surg Oncol. 2013 Aug 16;11(1):198

Definition of compartment based radical surgery in uterine cancer-part I: therapeutic pelvic and periaortic lymphadenectomy by Michael Höckel translated to robotic surgery.

Kimmig R, Iannaccone A, Buderath P, Aktas B, Wimberger P, **Heubner M**

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Utility of mesothelin, L1CAM and Afamin as biomarkers in primary ovarian cancer.

Aktas B, Kasimir-Bauer S, Wimberger P, Kimmig R, **Heubner M**

Anticancer Res. 2013 Jan;33(1):329-36.

Evaluation and correlation of risk recurrence in early breast cancer assessed by Oncotype DX®, clinicopathological markers and tumor cell dissemination in the blood and bone marrow.

Aktas B, Bankfalvi A, **Heubner M**, Kimmig R, Kasimir-Bauer S.
Mol Clin Oncol. 2013 Nov;1(6):1049-1054. Epub 2013 Sep 2.

The haplotype of three polymorphisms in the SATB1 promoter region impacts survival in breast cancer patients.

Heubner M, Kimmig R, Aktas B, Siffert W, Frey UH
Onc Letters 2007-2012, 2014

Morbidity of Inguinofemoral Lymphadenectomy in Vulval Cancer

Soliman AA, **Heubner M**, Kimmig R, Wimberger P
ScientificWorldJournal. 2012; 2012: 341253.

Effect of ibandronate on disseminated tumor cells in the bone marrow of patients with primary breast cancer: a pilot study.

Hoffmann O, Aktas B, Goldnau C, **Heubner M**, Oberhoff C, Kimmig R, Kasimir-Bauer S
Anticancer Res. 2011 Oct;31(10):3623-8.

Loss of heterozygosity proximal to the M6P/IGF2R locus is predictive for the presence of disseminated tumor cells in the bone marrow of ovarian cancer patients before and after chemotherapy.

Kuhlmann JD, Schwarzenbach H, Otterbach F, **Heubner M**, Wimberger P, Worm KH, Kimmig R, Kasimir-Bauer S
Genes Chromosomes Cancer. 2011 Aug;50(8):598-605. doi: 10.1002/gcc.20882.

Molecular profiling and prognostic relevance of circulating tumor cells in the blood of ovarian cancer patients at primary diagnosis and after platinum-based chemotherapy.

Aktas B, Kasimir-Bauer S, **Heubner M**, Kimmig R, Wimberger P
Int J Gynecol Cancer. 2011 Jul;21(5):822-30.

Circulating 20S proteasome in patients with non-metastasized breast cancer.

Hoffmann O, **Heubner M**, Anlasik T, Winterhalter M, Dahlmann B, Kasimir-Bauer S, Kimmig R, Wohlschlaeger J, Sixt SU

Anticancer Res. 2011 Jun;31(6):2197-201.

The prognostic impact of circulating proteasome concentrations in patients with epithelial ovarian cancer.

Heubner M, Wimberger P, Dahlmann B, Kasimir-Bauer S, Kimmig R, Peters J, Wohlschlaeger J, Sixt SU

Gynecol Oncol. 2011 Feb;120(2):233-8

EpCAM-Autoantibody Levels in the course of disease of Ovarian Cancer patients.

Heubner M, Errico D, Kasimir-Bauer S, Herlyn D, Kimmig R, Wimberger P

Med Oncol. 2010 Apr 10

The CYP1A1 Ile462Val polymorphism and platinum resistance of epithelial ovarian neoplasms.

Heubner M, Wimberger P, Riemann K, Kasimir-Bauer S, Otterbach F, Kimmig R, Siffert W.

Oncol Res. 2010;18(7):343-7.

Increase in Circulating MicroRNA Levels in Blood of Ovarian cancer Patients.

Roth C, Kasimir-Bauer S, **Heubner M**, Pantel K, Schwarzenbach H

Circulating Nucleic Acids in Plasma and Serum 2010: 63-72

Influence of catumaxomab on tumor cells in bone marrow and blood in ovarian cancer.

Wimberger P, **Heubner M**, Lindhofer H, Jäger M, Kimmig R, Kasimir-Bauer S

Anticancer Res. 2009 May;29(5):1787-91.

The AA genotype of a *L1C* G842A polymorphism is associated with an increased risk for ovarian cancer.

Heubner M, Wimberger P, Kasimir-Bauer S, Otterbach F, Kimmig R, Siffert W

Anticancer Res. 2009 Aug;29(8):3449-52.

The haplotype of two FSHR polymorphisms in ovarian cancer - a potential role of ethnology in risk modification.

Heubner M, Riemann K, Otterbach F, Kimmig R, Kasimir-Bauer S, Siffert W, Wimberger P

Gynecol Oncol. 2009 Mar;112(3):486-9. Epub 2009 Jan 15.

Prognostic relevance of the AQP5 -1364C>A polymorphism in primary breast cancer.

Kasimir-Bauer S, **Heubner M**, Otterbach F, Kimmig R, Siffert W, Adamzik M.

Mol Med Rep. 2009 Jul-Aug;2(4):645-50.

Association of the AA genotype of the BCL2 (-938C>A) promoter polymorphism with better survival in ovarian cancer.

Heubner M, Wimberger P, Otterbach F, Kasimir-Bauer S, Siffert W, Kimmig R, Nüchel H

Int J Biol Markers. 2009 Oct-Dec;24(4):223-9.

Influence of platinum-based chemotherapy on disseminated tumor cells in blood and bone marrow of patients with ovarian cancer.

Wimberger P, **Heubner M**, Otterbach F, Fehm T, Kimmig R, Kasimir-Bauer S

Gynecol Oncol. 2007 Nov;107(2):331-8. Epub 2007 Aug 31.

b) Reviews, Übersichtsarbeiten

Robot-assisted hysterectomy: a critical evaluation

Buderath P, Aktas B, **Heubner M**, Kimmig R

Robotic Surgery: Research and Reviews 2015;2 51–58

Robotic surgery in der Gynäkologie – Stand und Ausblick

Kimmig R, Aktas B, **Heubner M**

Gynäkologie 2014, 47:184–190

Peritoneale mesometriale Resektion (PMMR) als Kompartiment-basierte Operation. Technik beim „intermediate/high risk“ Endometriumkarzinom

Kimmig R, Buderath P, Aktas B, **Heubner M**

Gynäkologie, 2013, 46:751–756

Endometriumkarzinom – operative Strategie und Adjuvanz.

Ein möglicher Paradigmenwechsel.

Kimmig R, Aktas B, **Heubner M**

Gynäkologie 2013; 46:339–344

Hormonaktive Ovarialtumoren.

Heubner M, Kimmig R

Gynäkologie 2012, 45:352–354

Catumaxomab in the Treatment of Malignant Ascites: the Evidence of its Therapeutic Value. Wimberger P, **Heubner M**, Kimmig R

Clinical Medicine Insights: therapeutics, Review 2: 481-489, 2010.

Primitiver neuroektodermaler Tumor des Ovars.

Wimberger P, **Heubner M**, Wehling M, Nierwetberg D, Kasimir-Bauer S, Kimmig R

Zentralbl Gynaekol 128: 14-15 (P1.10), 2006.

c) Buchbeiträge / Lehr-Videos:

Robotic Surgery - Practical Examples in Gynecology

Hrsg. v. Kilic, Sami G. / Ertan, Kubilay / Kose, M. Faruk

De Gruyter 2013 (Chapter 23)

EGONE – e-learning, gynaecology, obstetrics, endocrinology

Hrsg. Schweizerische Medizinische Fachgesellschaft für Gynäkologie und
Geburtshilfe (SGGG) gynécologie suisse

Kapitel G12A: Gynäkologie, Endometriumkarzinom 2013

<http://www.egone.ch/>

Laparoscopic Robotically Assisted Total Mesometrial Resection according to Michael
Hoeckel's Technique.

Kimmig R, Wimberger P, Buderath P, Bieger H, **Heubner M**

Educational Video – DVD 2011

Kongressbeiträge – Poster und Vorträge

Roboterassistierte Chirurgie: Einführung in Technik und Anwendungen.

Heubner M

Vortrag, Meeting: 60. Kongress der DGGG 2014

Geburtshilfe Frauenheilkd 2014; 74 - FV_03_04

Fluoreszenzdarstellung in der Kompartiment-basierten roboterassistierten Chirurgie von Uterusmalignomen

Heubner M, Aktas B, Kimmig R

Posterbeitrag, Meeting: 60. Kongress der DGGG 2014

Geburtshilfe Frauenheilkd 2014; 74 - FV_03_04

Temsirolimus in women with platinum-resistant ovarian cancer or advanced/recurrent endometrial cancer: a multicenter phase II trial of the AGO Study Group (AGO-GYN 8)

Hilpert F, Kurzeder C, Schmalfeldt B, Neuser P, de Gregorio N, Pfisterer J, Park-Simon TW, Mahner S, Schröder W, Lück HJ, **Heubner M**, Hanker L, Thiel F, Emons G

Vortrag, Meeting: 60. Kongress der DGGG 2014

Geburtshilfe Frauenheilkd 2014; 74 - FV_03_04

DOI: 10.1055/s-0034-1388557

Depression in Cancer: Factors Influencing,

Erim, E, Morowa E, Aktas B, **Heubner M**

ZEITSCHRIFT FÜR PSYCHOSOMATISCHE MEDIZIN UND PSYCHOTHERAPIE

60, 1, Pages: 104-105, 2014

Deutscher Kongress für Psychosomatische Medizin
und Psychotherapie 26.-29. März 2014, Berlin

Fluorescence guided lymphadenectomy.

Heubner M

Videobeitrag/-vortrag, 6th Annual SERGS Meeting, Essen 2014

Application of robotic surgery in Cervical Cancer.

Heubner M

Videobeitrag/-vortrag, 6th Annual SERGS Meeting, Essen 2014

Compartment visualization in embryologically defined surgery.

Heubner M

Videobeitrag/-vortrag, 6th Annual SERGS Meeting, Essen 2014

Comparison of 18 F-FDG PET/MRI and MRI alone for whole body staging of female patients with recurrent pelvic malignancies.

Grueneisen J, Beiderwellen K, **Heubner M**, Kimmig R, Lauenstein TC, Umutlu L

Vortrag, Meeting: European Congress of Radiology, 2014

Abstract-No: B-0646

Evaluation of risk recurrence in early breast cancer assessed by Oncotype dx and tumor cell dissemination to blood and bone marrow.

Aktas B, Bankfalvi A, **Heubner M**, Kimmig R, Kasimir-Bauer S

Meeting: 2013 ASCO Annual Meeting

J Clin Oncol 31, 2013 (suppl; abstr e11516)

The haplotype of three polymorphisms in the SATB1 promoter-region and impact upon survival in breast cancer patients.

Heubner M, Kimmig R, Siffert W, Frey U

Posterbeitrag, Meeting: 2013 ASCO Annual Meeting

J Clin Oncol 31, 2013 (suppl; abstr 584)

Technische Innovationen.

Heubner, M

Vortrag, 4. Deutsches Symposium für roboterassistierte Operationen in der Gynäkologie 2013, Köln

Singuläre Nukleotidpolymorphismen der Promotorregion von SATB1 haben prognostische Bedeutung bei Mammakarzinompatientinnen.

Heubner M, Kimmig R, Siffert W , Frey U

Posterbeitrag, XXIII. Akademische Tagung deutschsprechender Hochschullehrer in der Gynäkologie und Geburtshilfe Köln/Bonn 2013

Die Lymphonodektomie in der Gynäkologischen Tumorchirurgie mit Hilfe der Robotic Surgery.

Heubner M

Vortrag, 3. Deutsches Symposium für roboterassistierte Operationen in der Gynäkologie 2012, Essen

Are mesothelin and L1CAM useful biomarkers in primary ovarian cancer patients?

Wimberger P, Kasimir-Bauer S, Aktas B, Kimmig R, **Heubner M**

Meeting: 2012 ASCO Annual Meeting

J Clin Oncol 29: 2011 (suppl; abstr e15559)

Der prognostische Einfluss von zirkulierendem Proteasom bei Ovarialkarzinompatientinnen.

Heubner M, Wimberger P, Dahlmann B, Kasimir-Bauer S, Kimmig R, Peters J, Wohlschläger J, Sixt SU

Posterbeitrag, XXII. Akademische Tagung deutschsprechender Hochschullehrer in Gynäkologie und Geburtshilfe, Halle an der Saale 2011

Geburtshilfe Frauenheilkd 2011; 71 - O_28

Impact of disseminated tumor cells in bone marrow on outcome of patients with primary ovarian cancer.

Heubner M, Kasimir-Bauer S, Kimmig R, Wimberger P

Meeting: 2010 ASCO Annual Meeting

J Clin Oncol 28, 2010 (suppl: abstr e15545)

Caesarean section and simultaneous total mesometrial resection (TMMR) in pregnancy related cancer.

Hecktor J, **Heubner M**, Kimmig R, Wimberger P

Posterbeitrag Meeting: 58. Kongress der DGGG 2010

Arch Gyn Obst 2010 Oct; 282, Suppl.1, 186.

Impact of disseminated tumor cells in bone marrow on clinical outcome in ovarian cancer patients.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Posterbeitrag, Meeting: 58. Kongress der DGGG 2010

Arch Gyn Obst 2010 Oct; 282, Suppl.1, 203.

The clinical impact of circulating proteasomes in patients with epithelial ovarian cancer.

Heubner M, Wimberger P, Kimmig R, Dahlmann B, Winterhalter M, Kasimir-Bauer S, Wohlschlaeger J, Sixt SU

Posterbeitrag, Meeting: 58. Kongress der DGGG 2010

Arch Gyn Obst 2010 Oct; 282, Suppl.1, 204.

Aspekte von Morbidität und Mortalität im Hinblick auf die Tumorchirurgie mit Hilfe der Robotic Surgery.

Heubner M

Vortrag, Intern. Symposium zur computerassistierten Präzisionschirurgie des CCC Essen, 2010

Combination of immunomagnetic tumor cell enrichment and molecular profiling for the detection of circulating tumor cells in blood of ovarian cancer patients and comparison to disseminated tumor cells in the bone marrow.

Wimberger P , **Heubner M**, Aktas B, Hauch S, Kimmig R, Kasimir-Bauer S

Proceedings: AACR 101st Annual Meeting 2010-- Apr 17-21, 2010; Washington, DC

Einfluss eines Autoantikörpers gegen das tumorassoziierte Antigen EpCAM auf den klinischen Verlauf des Ovarialkarzinoms.

Heubner M, Errico D, Kasimir-Bauer S, Herlyn D, Kimmig R, Wimberger P

Posterbeitrag, XXI. Akademische Tagung deutschsprechender Hochschullehrer in der Gynäkologie und Geburtshilfe, Innsbruck 2009

Geburtshilfe Frauenheilkd 2007; 68 - FV2_3

Nachweis und molekulares Profiling zirkulierender Tumorzellen bei Patientinnen mit primärem Ovarialkarzinom.

Heubner M, Hauch S, Lang M, Kimmig R, Kasimir-Bauer S , Wimberger P

Posterbeitrag, Trafo Symposium der AGO 2009

Detektion und Molekulares Profiling von zirkulierenden Tumorzellen bei Patientinnen mit primärem Ovarialkarzinom.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Vortrag, XXI. Akademische Tagung deutschsprechender Hochschullehrer in der Gynäkologie und Geburtshilfe, Innsbruck 2009

Geburtshilfe Frauenheilkd 2009; 69 - A125

Role of an EpCAM auto-antibody in ovarian cancer patients with special regard to disseminated tumor cells in bone marrow.

Heubner M, Kasimir-Bauer S, Errico D, Herlyn D, Kimmig R, Wimberger P

Meeting: 2009 ASCO Annual Meeting

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Der *CYP 1A1* Ile462Val Polymorphismus und Platinresistenz bei Ovarialkarzinomen.
Heubner M, Wimberger P, Riemann K, Kasimir-Bauer S, Otterbach F, Kimmig R,
Siffert W

Posterbeitrag, Meeting: Kongress der *DGHO* 2008

Onkologie 2008; 31 (suppl 4), S 219.

Small-cell ovarian carcinoma by hypercalcemia type - A rarity with extreme bad prognosis.

Wehling M, **Heubner M**, Aktas B, Kasimir-Bauer S, Kimmig R, Wimberger P

Posterbeitrag 57. Kongress der Deutschen Gesellschaft für Gynäkologie und Geburtshilfe 2008

Geburtsh Frauenheilk 68: S 320

Persistenz von EpCAM-positiven disseminierten Tumorzellen im Knochenmark nach Platin-haltiger Chemotherapie bei Patientinnen mit primärem Ovarialkarzinom.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Posterbeitrag, XX. Akademische Tagung deutschsprechender Hochschullehrer in der Gynäkologie und Geburtshilfe

Geburtsh Frauenheilk 67: S 392, 2007.

Persistence of EpCAM-positive disseminated tumor cells after Platinum-based chemotherapy in the bone marrow of patients with primary ovarian cancer.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Posterbeitrag, Meeting: 2007 ASCO Annual Meeting

J Clin Oncol, Vol 25, No. 18S, 2007 16023.

Influence of Platinum-based chemotherapy on disseminated tumor cells in blood and bone marrow of patients with primary ovarian cancer.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Poster beim 6th Int. Symposium on Minimal Residual Cancer, September 2007 in Hamburg.

Persistence of disseminated tumor cells after first-line chemotherapy in the bone marrow of patients with primary ovarian cancer.

Wimberger P, **Heubner M**, Kimmig R, Kasimir-Bauer S

Posterbeitrag, TraFo Symposium der AGO 2007

Association of the AA genotype of the BCL2 (-938C>A) promoter polymorphism with better survival in ovarian cancer.

Heubner M, Wimberger P, Riemann K, Kasimir-Bauer S, Otterbach F, Kimmig R, Siffert W

Meeting: Eingeladener Vortrag beim Kongress der *DGHO* 2007

Onkologie 2007; 30 (suppl 3):1-244.

Presence of nonapoptotic, EpCAM-positive tumor cells after Platinum-based chemotherapy in the bone marrow of patients with primary ovarian cancer

Wimberger P, **Heubner M**, Fehm T, Kimmig R, Kasimir-Bauer S

AACR Annual Meeting-- Apr 14-18, 2007; Los Angeles, CA