Gyne 3-23: Schwerpunkte:

Schwerpunkt: Schwangerschaft

Titel: Lebensqualität bei Gestationsdiabetes (S. 14-20)

Autor: L. Güldner, J. Stubert

Literatur:

1. Iwanowicz-Palus G et al. Quality of Life, Social Support, Acceptance of Illness, and Self-Efficacy among Pregnant Women with Hyperglycemia. Int J Environ Res Public Health 2019; 16(20): 3941
2. International Diabetes Federation IDF Diabetes Atlas. 10. Aufl. Brussels, Belgium; 2021
3. Melchior H et al. The Prevalence of Gestational Diabetes - a population based analysis of a nationwide screening program. Dtsch Arztebl Int 2017; 114(24): 412–8
4. Dalfrà MG et al. Quality of life in pregnancy and post-partum: a study in diabetic patients. Qual Life Res 2012; 21(2): 291–8
5. Bień A et al. Factors Affecting the Quality of Life and the Illness Acceptance of Pregnant Women with Diabetes. Int J Environ Res Public Health 2015; 13 (1): ijerph13010068
6. Lawrence JM Women with diabetes in pregnancy: different perceptions and expectations. Best Pract Res Clin Obstet Gynaecol 2011; 25(1): 15–24
7. Pantzartzis KA et al. Gestational diabetes mellitus and quality of life during the third trimester of pregnancy. Qual Life Res 2019; 28(5): 1349–54
8. Lee KW et al. Factors associated with poor-to-moderate quality of life among pregnant women with gestational diabetes mellitus: a cross-sectional study in Malaysia. Qual Life Res 2020; 29(10): 2725–36
9. Mautner E et al. Quality of life outcomes in pregnancy and postpartum complicated by hypertensive disorders, gestational diabetes, and preterm birth. J Psychosom Obstet Gynaecol 2009; 30(4): 231–7
10. Marchetti D et al. Quality of Life in Women with Gestational Diabetes Mellitus: A Systematic Review. J Diabetes Res 2017; 2017: 7058082
11. Haraldstad K et al. A systematic review of quality of life research in medicine and health sciences. Qual Life Res 2019; 28(10): 2641–50
12. Iwanowicz-Palus G et al. The relationship between health-related quality of life, acceptance of illness and characteristics of pregnant women with hyperglycemia. Health Qual Life Outcomes 2020; 18(1): 325
13. Lapolla A et al. Quality of Life, Wishes, and Needs in Women with Gestational Diabetes: Italian DAWN Pregnancy Study. Int J Endocrinol 2012; 2012: 784726
14. Egan AM et al. Diabetes in pregnancy: worse medical outcomes in type 1 diabetes but worse psychological outcomes in gestational diabetes. QJM 2017; 110(11): 721–7
15. Schmidt CB et al. Diabetes distress is associated with adverse pregnancy outcomes in women with gestational diabetes: a prospective cohort study. BMC Pregnancy Childbirth 2019; 19(1): 223
16. Hayase M et al. Sleep quality and stress in women with pregnancy-induced hypertension and gestational diabetes mellitus. Women Birth 2014; 27(3): 190–5
17. Ansarzadeh S et al. Factors affecting the quality of life in women with gestational diabetes mellitus: a path analysis model. Health Qual Life Outcomes 2020; 18(1): 31
18. Halkoaho A et al. Does gestational diabetes affect women's health-related quality of life after delivery? Eur J Obstet Gynecol Reprod Biol 2010; 148(1): 40–3
19. Long Q et al. General self-efficacy and social support as mediators of the association between perceived stress and quality of life among rural women with previous gestational diabetes mellitus. J Clin Nurs 2021; 30(7–8): 1026–36

20. Crowther CA et al. Effect of treatment of gestational diabetes mellitus on pregnancy outcomes. N Engl J Med 2005; 352(24): 2477–86
21. Rokni S et al. Evaluation of the effects of diabetes self-management education based on 5A model on the quality of life and blood glucose of women with gestational diabetes mellitus: an experimental study in eastern Iran. J Prev Med Hyg 2022; 63(3): E442–E447
22. Petkova V et al. Pilot project for education of gestational diabetes mellitus (GDM) patients-Can it be beneficial? African journal of pharmacy and pharmacology 2011; 5(10): 1282–6
23. Batta RA et al. Impact of clinical pharmacists intervention on management of hyperglycemia in pregnancy in Jordan. Int J Clin Pharm 2018; 40(1): 48–55
24. Guo J et al. The Efficacy of an Intensive Lifestyle Modification Program on Psychosocial Outcomes among Rural Women with Prior Gestational Diabetes Mellitus: Six Months Follow-Up of a Randomized Controlled Trial. Int J Environ Res Public Health 2021; 18(4): 1519
25. Dalfrà MG, Nicolucci A, Lapolla A The effect of telemedicine on outcome and quality of life in pregnant women with diabetes. J Telemed Telecare 2009; 15(5): 238–42

Schwerpunkt: Myome

Titel: Zu schnell? Zu groß? Zu hoch? – Zur Bedeutung von Myomwachstum, Myomgröße und LDH-Wert für die Behandlungsentscheidung (S.21-24)

Autor: D.-K. Wendelburg, S. Hemmelmann, M. David

Literatur:

1. Okolo S. Incidence, aetiology and epidemiology of uterine fibroids. Best Pract Res Clin Obstet Gynaecol 2008; 22: 571–88
2. Lurie S et al. Age-related prevalence of sonographicaly confirmed uterine myomas. J Obstet Gynaecol 2005; 25: 42–4
3. Ahrendt HJ et al. Prevalence of uterine myomas in women in Germany: data of an epidemiological study. Arch Gynecol Obstet 2016; 293:1243–53
4. Foth D et al. Symptoms of uterine myomas: data of an epidemiological study in Germany. Arch Gynecol Obstet 2017; 295: 415–26
5. Schmidmayr M & Seifert-Klauss V. Endokrine Therapie von Myomen und Uterus myomatosus. Frauenarzt 2021; 5: 338–44
6. Zhang G et al. Preoperative clinical characteristics scoring system for differentiating uterine leiomyosarcoma from fibroid. BMC Cancer 2020; 20: 514
7. Parker WH et al. Uterine sarcoma in patients operated on for presumed leiomyoma and rapidly growing leiomyoma. Obstet Gynecol 1994; 83: 414–8
8. ACOG Practice Bulletin: Alternatives to hysterectomy in the management of leiomyomas. Obstet Gynecol 2008; 112: 387–400
9. Mösler I et al. Multiple Myome und Kinderwunsch – der Kartoffelsackuterus. Frauenarzt 2023; 4: 247–50
10. Seidel V et al. Sonografische Verlaufsbeobachtung des Wachstums von Myomen bei nicht behandelten Frauen und deren Einflussfaktoren. Geburtsh Frauenheilk 2023; 83: 446–52
11. Rossa M et al. Uterine Reconstruction Due to a Giant Myoma. A Case Report and Literature Review. Open Journal of Obstetrics and Gynecology 2016; 6: 64–72
12. Wiesener V et al. Massive uterine fibroid: a diagnostic dilemma: a case report and review of the literature. J Med Case Rep 2021; 15: 344
13. Denschlag D et al. Uterine Sarkome. Leitlinie der DGGG und OEGGG (S2k-Level, AWMF-Register-Nummer 015/074, Februar 2019). Geburtshilfe Frauenheilkd 2019; 79: 1043–60
14. Köhler G et al. Benign uterine mass—discrimination from leiomyosarcoma by a preoperative risk score: a multicenter cohort study. Arch Gynecol Obstet 2019; 300: 1719–27

15. Suzuki A et al. Development of an Algorithm to Differentiate Uterine Sarcoma from Fibroids Using MRI and LDH Levels. Diagnostics 2023; 13: 1404
16. Jeng CJ et al. 500 Cases of High-intensity Focused Ultrasound (HIFU) Ablated Uterine Fibroids and Adenomyosis. Taiwan J Obstet Gynecol 2020; 59: 865–71
17. Munro MG & Ian S. Fraser for the FIGO Working Group on Menstrual Disorders. FIGO classification system (PALM-COEIN) for causes of abnormal uterine bleeding in nongravid women of reproductive age. Int J Gynaecol Obstet 2011; 13: 3–13

Schwerpunkt: Jugendgynäkologie

Titel: Pathologien der Mamma im juvenilen Alter (S.29-34)

Autor: C.L. Gasthaus, A. Niendorf, K. Graubner, Duschka R, C. Lindner

Literatur:

1. Lee EJ et al. Breast Lesions in Children and Adolescents: Diagnosis and Management. Korean journal of radiology 2018; 19(5): 978–91
2. Heger S & Paetow U. 174-015l S1- Leitlinie Pubertas-praecox 2019
3. Valdes EK et al. Malignant Transformation of a Breast Fibroadenoma to Cystosarcoma Phyllodes: Case Report and Review of the Literature. The American Surgeon 2005; 71(4): 348–53
4. Kim SJ et al. Sonographic appearances of juvenile fibroadenoma of the breast. Journal of ultrasound in medicine: official journal of the American Institute of Ultrasound in Medicine 2014; 33(11): 1879–84
5. Wu Y-T et al. Breast cancer arising within fibroadenoma: collective analysis of case reports in the literature and hints on treatment policy. World journal of surgical oncology 2014; 12: 335
6. Ng WK et al. Juvenile fibroadenoma of the breast: Treatment and literature review. The Canadian Journal of Plastic Surgery 2011; 19(3): 105–7
7. Oppelt PG et al. Kinder- und Jugendgynäkologie Stuttgart, New York: Georg Thieme Verlag, 2015
8. Wechselberger G et al. Juvenile fibroadenoma of the breast. Surgery 2002; 132(1): 106–7
9. Kaur N et al. Bilateral Florid Juvenile Fibroadenomas of the Breast in an Adolescent: A Rare Indication for Subcutaneous Mastectomy. Journal of pediatric and adolescent gynecology 2015; 28(5): e135-7
10. Lohmeyer JA et al. Zur Therapie von Phylloides-Tumoren der Brust – eine Aufarbeitung von 66 Fällen mit Literaturübersicht. Handchirurgie, Mikrochirurgie, plastische Chirurgie 2020; 52: 1–9
11. Wolf AS (Hrsg). Kinder- und Jugendgynäkologie. Atlas und Leitfaden für die Praxis; mit 27 Tabellen. 2., aktualisierte und erw. Aufl.Aufl. Stuttgart: Schattauer, 2002
12. Chao T-C et al. Sonographic features of phyllodes tumors of the breast. Ultrasound in obstetrics & gynecology: the official journal of the International Society of Ultrasound in Obstetrics and Gynecology 2002; 20(1): 64–71
13. Sanders LM et al. Clinical breast concerns in low-risk pediatric patients: practice review with proposed recommendations. Pediatric radiology 2018; 48(2): 186–95
14. Chang DS & McGrath MH. Management of benign tumors of the adolescent breast. Plastic and reconstructive surgery 2007; 120(1): 13e-19e
15. Tse GMK et al. Phyllodes tumor of the breast: an update. Breast cancer (Tokyo, Japan) 2010; 17(1): 29–34
16. Lu Y et al. Local Recurrence of Benign, Borderline, and Malignant Phyllodes Tumors of the Breast: A Systematic Review and Meta-analysis. Annals of surgical oncology 2019; 26(5): 1263–75

17. Faden H. Mastitis in children from birth to 17 years. The Pediatric infectious disease journal 2005; 24(12): 1113
18. Wilson M et al. Papillary duct hyperplasia of the breast in children and young women. Modern pathology: an official journal of the United States and Canadian Academy of Pathology, Inc 1993; 6(5): 570–4
19. Kaneda HJ et al. Pediatric and adolescent breast masses: a review of pathophysiology, imaging, diagnosis, and treatment. AJR. American journal of roentgenology 2013; 200(2): W204-12
20. Graubner K et al. Juvenile Gigantomastie mit Rezidiv bei einem 12-jährigen Mädchen. Senologie - Zeitschrift für Mammadiagnostik und -therapie 2011; 8(02)
21. Simmons PS et al. Breast carcinoma in young women. Obstetrics and gynecology 2011; 118(3): 529–36
22. Gutierrez JC et al. Malignant breast cancer in children: a review of 75 patients. The Journal of surgical research 2008; 147(2): 182–8
23. Shannon C & Smith IE. Breast cancer in adolescents and young women. European journal of cancer (Oxford, England: 1990) 2003; 39(18): 2632–42
24. Onkologie L. Interdisziplinäre S3-Leitlinie für die Früherkennung, Diagnostik, Therapie und Nachsorge des Mammakarzinoms 2021
25. Kothari AS et al. Breast carcinoma in women age 25 years or less. Cancer 2002; 94(3): 606–14
26. Restivo GA et al. Primary breast lymphoma of childhood: a case report and review of literature. BMC Pediatr 2021; 21(1): 1–6
27. Surov A et al. Primäres und sekundäres Brustlymphom. Senologie - Zeitschrift für Mammadiagnostik und -therapie 2011; 8(02)

Schwerpunkt: Psychosomatik

Titel: Trans im gynäkologischen Praxisalltag – eine Herausforderung? (S.39-40)*

Autor: S. Ditz

Literatur:

1. Nieder TO & Briken P. Transgender, Transsexualität und Geschlechtsdysphorie. In: Vorderholzer U, Hohagen F, eds. Therapie Psychischer Erkrankungen. München: Elsevier; 2018: 377–9
2. Medizinischer Dienst des Spitzenverbandes Bund der Krankenkassen e.V. (MDS). Begutachtungsanleitung. Geschlechtsangleichende Maßnahme Bei Transsexualität Essen: 2009
3. Güldenring A. A critical view of transgender health care in Germany: Psychopathologizing gender identity – Symptom of 'disordered' psychiatric/psychological diagnostics? Int Rev Psychiatry 2015; 27: 427–34
4. Nieder TO & Strauß B. Geschlechtsinkongruenz, Geschlechtsdysphorie und Trans-Gesundheit: S3-Leitlinie zur Diagnostik, Beratung und Behandlung, 2019
5. Nieder TO & Strauß B. S3-Leitlinie zur Diagnostik, Beratung und Behandlung im Kontext von Geschlechtsinkongruenz, Geschlechtsdysphorie und Trans-Gesundheit: Hintergrund, Methode und zentrale Empfehlungen. Z Sex-Forsch 2019; 32: 70–9
6. Mehring N. Der schwangere Vater – Zur medizinischen Versorgung von schwangeren Transmännern und nicht-binären schwangeren Personen. gyne 2022; 4: 21–6

Schwerpunkt: Fertilität

Titel: Die Fruchtbarkeit steigern -Mitochondriale Unterstützung für die Ei- und Samenqualität (S.41-42)

Autor: D. Wagner

Literatur:

1. Majzoub A & Agarwal A. Systematic review of antioxidant types and doses in male infertility: Benefits on semen parameters, advanced sperm function, assisted reproduction and live-birth rate. Arab J Urol 2018; 16(1): 113–24
2. Balercia G et al. Coenzyme Q10 treatment in infertile men with idiopathic asthenozoospermia: a placebo-controlled, double-blind randomized trial. Fertil Steril 2009; 91(5): 1785–92
3. Alahmar AT et al. Coenzyme Q10 Improves Sperm Parameters, Oxidative Stress Markers and Sperm DNA Fragmentation in Infertile Patients with Idiopathic Oligoasthenozoospermia. World J Mens Health 2021; 39(2): 346–51
4. Humaidan P et al. The combined effect of lifestyle intervention and antioxidant therapy on sperm DNA fragmentation and seminal oxidative stress in IVF patients: a pilot study. Int Braz J Urol 2022; 48(1): 131–56
5. Yahyazadeh A et al. The genomic effects of cell phone exposure on the reproductive system. Environ Res 2018; 167: 684–93
6. Santini SJ et al. Role of Mitochondria in the Oxidative Stress Induced by Electromagnetic Fields: Focus on Reproductive Systems. Oxid Med Cell Longev 2018; 2018: 5076271
7. Mortensen SA et al. The effect of coenzyme Q10 on morbidity and mortality in chronic heart failure: results from Q-SYMBIO: a randomized double-blind trial. JACC Heart Fail 2014
8. Alahmar AT. Coenzyme Q10 improves sperm motility and antioxidant status in infertile men with idiopathic oligoasthenospermia. Clin Exp Reprod Med 2022; 49(4): 277–84
9. Bentov Y et al. Coenzyme Q10 Supplementation and Oocyte Aneuploidy in Women Undergoing IVF-ICSI Treatment. Clin Med Insights Reprod Health 2014; 8: 31–6
10. Florou P et al. Does coenzyme Q10 supplementation improve fertility outcomes in women undergoing assisted reproductive technology procedures? A systematic review and meta-analysis of randomized-controlled trials. J Assist Reprod Genet 2020; 37(10): 2377–87
11. Xu Y et al. Pretreatment with coenzyme Q10 improves ovarian response and embryo quality in low-prognosis young women with decreased ovarian reserve: a randomized controlled trial. Reprod Biol Endocrinol 2018; 16(1): 29

Schwerpunkt: Pharmaservice

Titel: Höhere Lebendgeburt-Raten nach Kryokonservierung bei ART durch vaginales Progesteron (S.43)

Autor: C. Bruer

Literatur:

1. Fan L et al. Hormone replacement treatment regimen is associated with a higher risk of hypertensive disorders of pregnancy in women undergoing frozen-thawed embryo transfer. Frontiers in Endocrinology 14 2023: 1133978.
2. Casper RF & Yanushpolsky EH. Optimal endometrial preparation for frozen embryo transfer cycles: window of implantation and progesterone support. Fertility and sterility 2016; 105(4): 867–72

3. Jiang Y et al. The effect of progesterone supplementation for luteal phase support in natural cycle frozen embryo transfer: a systematic review and meta-analysis based on randomized controlled trials. Fertil Steril 2023; 119(4): 597–605
4. Ludwig M & Diedrich K. Evaluation of an optimal luteal phase support protocol in IVF. Acta obstetricia et gynecologica Scandinavica. 2001; 80(5): 452–66

Schwerpunkt: Gynäkologische Onkologie

Titel: Metastasiertes Mammakarzinom in der Harnblase (S.44-45)

Autor: Aqeel Zemam, Mladen Nikolov, Klaus J. Schmitz, Arne Holstein, Bernhard Planz

Literatur:

1. Karaosmanoglu AD et al. Secondary Tumors of the Urinary System: An Imaging Conundrum 2018; 19(4): 742–51
2. Junejo NN et al. Unusual pattern of breast carcinoma metastasis to the urinary bladder: case report and review of literature. Saudi Surgical Journal 2018; 6: 66–8
3. Karjol U et al. Bladder Metastasis from Breast Cancer: A Systematic Review Cureus 2020; 12(3): e7408
4. Feldman PA et al. Metastatic breast cancer to the bladder: a diagnostic challenge and review of the literature. Urology 2002; 59(1): 138
5. Gitau SN et al. Urinary bladder metastasis from breast cancer: a rare cause of hematuria, BJR Case Rep 2020; 6: 120190048
6. Ghaida RA et al. Bladder metastasis from primary breast cancer: a case report and literature review, Cent European J Urol 2013; 66(2): 177–84
7. Sanguedolce F et al. Bladder Metastases from Breast Cancer: Managing the Unexpected. A Systematic Review Urol Int 2018; 101: 125–31