

UpToDate® – What's New – Neuigkeiten aus den Fachgebieten

What's new in cardiovascular medicine	<ul style="list-style-type: none">• Pulsed field ablation for atrial fibrillation (February 2024)• The Preventing Risk of Cardiovascular Disease EVENTS (PREVENT) calculator (February 2024)• Pericarditis after catheter ablation for atrial fibrillation (January 2024)• Anticoagulation for device-detected atrial fibrillation (January 2024)• Liberal transfusion strategy for acute myocardial infarction (December 2023)• Thyroid hormone administration in deceased organ donors (December 2023)• Choice of intervention for aortic stenosis with low surgical risk (November 2023)• Pericardiocentesis risks in patients with pulmonary hypertension (November 2023)• Lower survival among recipients of donor hearts from donors with active COVID-19 (November 2023)• Timing of prophylactic aortic surgery for patients with bicuspid aortic valve (October 2023)• Detection of left ventricular systolic dysfunction by artificial intelligence-based ECG analysis (October 2023)
What's new in endocrinology and diabetes mellitus	<ul style="list-style-type: none">• Severe hypocalcemia with denosumab therapy in dialysis-treated patients (February 2024)• Monitoring after negative confirmatory testing for primary aldosteronism (February 2024)• Noninsulin antidiabetic medications and pregnancy (February 2024)• Effect of short-term sleep restriction on insulin sensitivity in females (January 2024)• Hearing impairment after teprotumumab for thyroid eye disease (January 2024)• Janus kinase inhibition to preserve insulin secretion in early onset type 1 diabetes (January 2024)• Prenatal genetic testing for monogenic diabetes due to glucokinase deficiency (December 2023)• Cardiometabolic features of adrenal incidentaloma with mild autonomous cortisol secretion (December 2023)• No benefit to tight glucose control in critically ill patients (December 2023)• Investigational once-weekly basal insulin therapy (insulin icodec) for the treatment of adults with type 1 diabetes (November 2023)• Updated Bethesda system for reporting thyroid cytopathology (November 2023)• Selpercatinib for RET-mutated medullary thyroid cancer (November 2023)• Investigational transdermal formulation of abaloparatide for the treatment of osteoporosis (November 2023)• Automated insulin delivery in pregnant patients with type 1 diabetes (October 2023)

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<p>What's new in anesthesiology</p>	<ul style="list-style-type: none"> • Updated guideline on postoperative delirium in adults (February 2024) • New guidelines for airway management in infants (January 2024) • Videolaryngoscopy for endotracheal intubation in critically ill children (January 2024) • Supplemental neuraxial or regional analgesia and postoperative neurocognitive disorders (January 2024) • Labor epidural analgesia and risk of emergency delivery (December 2023) • Thyroid hormone administration in deceased organ donors (December 2023) • Postoperative noninvasive ventilation or high-flow nasal oxygen for patients with obesity (November 2023) • Tranexamic acid for burn wound excision (November 2023) • Aerosol generation during noninvasive respiratory support modalities (October 2023) • Anesthesia for video-assisted thoracoscopic surgery (VATS) for pulmonary resection
<p>What's new in pulmonary and critical care medicine</p>	<ul style="list-style-type: none"> • Uncertain role of adaptive servo-ventilation in patients with heart failure with reduced ejection fraction (February 2024) • Management of post-adenotonsillectomy obstructive sleep apnea in children (February 2024) • Updated guideline on postoperative delirium in adults (February 2024) • Guidelines on management of acute respiratory distress syndrome (February 2024) • New proposed definition for acute respiratory distress syndrome (February 2024) • Updated lung cancer screening reporting system (Lung-RADS) (January 2024) • Routine prone positioning not beneficial in ARDS during ECMO (January 2024) • Emerging microbiologic colonization in mechanically ventilated patients (January 2024) • Tacrolimus versus cyclosporine for chronic lung transplant rejection (January 2024) • Sighs during mechanical ventilation (December 2023) • Heart rate control in septic shock (December 2023) • No benefit to tight glucose control in critically ill patients (December 2023) • Liberal transfusion strategy for acute myocardial infarction (December 2023) • Tapering inhaled corticosteroids in asthma patients responding to biologics (December 2023) • Extracorporeal cardiopulmonary resuscitation (December 2023) • Thyroid hormone administration in deceased organ donors (December 2023) • Guidelines for primary spontaneous pneumothorax (December 2023)

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What’s new in neurology	<ul style="list-style-type: none"> • Cerebral amyloid angiopathy as a risk for isolated subdural hematoma (February 2024) • Suicidality in Parkinson disease (February 2024) • No role for central nervous system prophylaxis with high-dose methotrexate in diffuse large B cell lymphoma (February 2024) • Benign acute childhood myositis (January 2024) • Time window to start dual antiplatelet therapy for high-risk TIA or minor ischemic stroke (January 2024) • Adult-onset ADHD and dementia (December 2023) • Vamorolone for Duchenne muscular dystrophy (December 2023) • Intraoperative techniques for glioblastoma resection (December 2023) • Eplontersen for polyneuropathy related to hereditary transthyretin amyloidosis (November 2023) • Management of CADASIL (November 2023)
What’s new in infectious diseases	<ul style="list-style-type: none"> • Pyogenic liver abscess and colorectal cancer (February 2024) • Durability of typhoid conjugate vaccine effect (February 2024) • Electronic medication monitoring for tuberculosis treatment adherence (February 2024) • Intermittent preventive treatment against malaria in pregnant women with HIV infection (February 2024) • Duration of antibiotic therapy following appendectomy for perforated appendicitis (February 2024) • R21/Matrix-M vaccine to prevent malaria in children (November 2023, Modified February 2024) • Simnotrelvir-ritonavir for mild to moderate COVID-19 (January 2024) • Doxycycline PEP not effective among cisgender women (January 2024) • Efficacy of recombinant influenza vaccine in adults <65 years of age (January 2024) • Emerging microbiologic colonization in mechanically ventilated patients (January 2024) • Taurolidine catheter locks for the prevention of hemodialysis catheter-related bloodstream infections (December 2023)
What’s new in psychiatry	<ul style="list-style-type: none"> • Antidepressant-induced mania in children (February 2024) • Dialectical behavior therapy for adolescents with bipolar disorder (January 2024) • Mortality risk in alcohol-associated liver disease (January 2024) • Solriamfetol for ADHD in adults (January 2024) • Adult-onset ADHD and dementia (December 2023) • Esketamine for treatment-resistant depression (December 2023) • Cannabinoids and mental health in adolescents (December 2023)

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<p>What's new in nephrology and hypertension</p>	<ul style="list-style-type: none"> • Increasing advance care planning for patients on dialysis (February 2024) • Lack of efficacy of insomnia therapies for patients on dialysis (February 2024) • Severe hypocalcemia with denosumab therapy in dialysis-treated patients (February 2024) • Diagnosis of arginine vasopressin deficiency (central diabetes insipidus) versus primary polydipsia (February 2024) • Monitoring after negative confirmatory testing for primary aldosteronism (February 2024) • Serial amniotomies for bilateral renal agenesis (January 2024) • Tranexamic acid to reduce bleeding after percutaneous nephrolithotomy (December 2023) • Sibeprenlimab for IgA nephropathy (December 2023) • Sparsentan in patients with IgA nephropathy (December 2023) • Trial of sparsentan in focal segmental glomerulosclerosis (December 2023) • Taurolidine catheter locks for the prevention of hemodialysis catheter-related bloodstream infections (December 2023)
<p>What's new in allergy and immunology</p>	<ul style="list-style-type: none"> • Dupilumab for recalcitrant chronic hand eczema (February 2024) • Tapering inhaled corticosteroids in asthma patients responding to biologics (December 2023) • Low awareness of meat allergy caused by "alpha-gal syndrome" (September 2023) • Efficacy and side effects of gefapixant treatment for refractory chronic cough (September 2023)
<p>What's new in hematology</p>	<ul style="list-style-type: none"> • Rusfertide for reducing therapeutic phlebotomy in polycythemia vera (February 2024) • No role for central nervous system prophylaxis with high-dose methotrexate in diffuse large B cell lymphoma (February 2024) • Gene editing for beta thalassemia (January 2024) • Methemoglobinemia in infants due to contaminated hospital water supply (January 2024) • No benefit of routine thromboprophylaxis for children with ALL (January 2024) • Whole blood transfusion for severe traumatic hemorrhage (January 2024) • Liberal transfusion strategy for acute myocardial infarction (December 2023) • Gene therapy and gene editing in sickle cell disease (September 2023, Modified December 2023) • Rare secondary T cell lymphomas after chimeric antigen receptor (CAR)-T cell therapy (December 2023) • Four- versus three-drug induction for multiple myeloma (December 2023) • Ibrutinib plus venetoclax in previously untreated CLL/SLL (December 2023)

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	<ul style="list-style-type: none"> • Pirtobrutinib in relapsed CLL/SLL (July 2023, Modified December 2023)
What’s new in Pediatrics	<ul style="list-style-type: none"> • Short-course antibiotic therapy in children with febrile UTI (February 2024) • R21/Matrix-M vaccine to prevent malaria in children (November 2023, Modified February 2024) • AAP issues new report on overuse injuries, overtraining, and burnout (February 2024) • Risk of reinjury following ACL repair (February 2024) • Management of children with mild sleep-disordered breathing (February 2024) • Dupilumab for refractory eosinophilic esophagitis (February 2024) • Nirsevimab to prevent severe respiratory syncytial virus in infants (January 2024) • No benefit of early treatment of PDA in extremely preterm neonates (January 2024) • Janus kinase inhibition to preserve insulin secretion in early onset type 1 diabetes (January 2024) • No benefit of routine thromboprophylaxis for children with ALL (January 2024) • Maintenance eflornithine in high-risk neuroblastoma (January 2024) • Methemoglobinemia in infants due to contaminated hospital water supply (January 2024) • Serial amniocentesis for bilateral renal agenesis (January 2024) • Benign acute childhood myositis (January 2024) • Vamorolone for Duchenne muscular dystrophy (December 2023) • Delayed cord clamping in preterm births (December 2023) • Infertility and autism spectrum disorder (December 2023)
What’s new in gastroenterology and hepatology	<ul style="list-style-type: none"> • Pancreatic stenting for preventing pancreatitis after ERCP (February 2024) • Dupilumab for refractory eosinophilic esophagitis (February 2024) • Pyogenic liver abscess and colorectal cancer (February 2024) • Mortality risk in alcohol-associated liver disease (January 2024) • Mirikizumab for moderate to severe ulcerative colitis (August 2023, Modified January 2024) • Clinical practice update on risk stratification for colorectal cancer screening and postpolypectomy surveillance (December 2023)
What’s new in oncology	<ul style="list-style-type: none"> • Nivolumab plus ipilimumab for mismatch repair deficient metastatic colorectal cancer (February 2024) • Overall survival with adjuvant pembrolizumab in localized renal cell carcinoma (February 2024) • Toripalimab plus chemotherapy for resectable stage III NSCLC (February 2024)

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	<ul style="list-style-type: none"> • Repotrectinib in advanced ROS1-positive NSCLC (January 2024) • Maintenance eflornithine in high-risk neuroblastoma (January 2024) • Overall survival with neoadjuvant chemotherapy in localized muscle-invasive bladder cancer (January 2024) • First-line treatment of advanced HER2-positive gastric and gastroesophageal junction adenocarcinoma (January 2024) • Atezolizumab in metastatic cervical cancer (January 2024) • Mirvetuximab soravtansine in folate receptor alpha-positive ovarian cancer (December 2023) • Tarlutamab in small cell lung cancer (December 2023) • Model for End-stage Liver Disease (MELD) 3.0 for liver transplantation (October 2023, Modified December 2023) • Novel treatment approaches for metastatic urothelial carcinoma (December 2023) • Toripalimab plus gemcitabine and cisplatin in metastatic nasopharyngeal carcinoma (December 2023) • Intraoperative techniques for glioblastoma resection (December 2023) • Stereotactic body radiation therapy in oligometastatic NSCLC (December 2023) • Pemetrexed-cisplatin as adjuvant chemotherapy for nonsquamous NSCLC (December 2023)
<p>What’s new in emergency medicine</p>	<ul style="list-style-type: none"> • Effectiveness of introducer (bougie) for tracheal intubation (January 2024) • Time window to start dual antiplatelet therapy for high-risk TIA or minor ischemic stroke (January 2024) • New guidelines for airway management in infants (January 2024) • Videolaryngoscopy for endotracheal intubation in critically ill children (January 2024) • Insulin-euglycemia therapy for phosphide poisoning (January 2024) • Photobiomodulation therapy for local tissue damage from snake envenoming (January 2024) • National practice guidelines not associated with increased MOUD prescribing in the ED (January 2024) • Methemoglobinemia in infants due to contaminated hospital water supply (January 2024) • Whole blood transfusion for severe traumatic hemorrhage (January 2024) • Avoiding intubation in acutely poisoned but stable, unresponsive adults (December 2023) • Guidelines for primary spontaneous pneumothorax (December 2023) • Extracorporeal cardiopulmonary resuscitation (December 2023) • Heart rate control in septic shock (December 2023)

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<p>What's new in Obstetrics, Gynecology and Women's Health</p>	<ul style="list-style-type: none"> • Noninsulin antidiabetic medications and pregnancy (February 2024) • Combined use of metformin and insulin for treating diabetes in pregnancy (February 2024) • Risk of unplanned hysterectomy at time of myomectomy (February 2024) • Fetoplacental GDF15 linked to nausea and vomiting of pregnancy (February 2024) • Intrauterine postpartum hemorrhage control devices for managing postpartum hemorrhage (February 2024) • Use of cerebroplacental ratio at term does not reduce perinatal mortality (February 2024) • Low- versus high-dose calcium supplements and risk of preeclampsia (January 2024) • Risk of subsequent hysterectomy after endometrial ablation (January 2024) • Pregnancy and childbirth after urinary incontinence surgery (January 2024) • Outcome of a multifaceted intervention in patients with a prior cesarean birth (January 2024) • Serial amnioinfusions for bilateral renal agenesis (January 2024) • Labor epidural analgesia and risk of emergency delivery (December 2023) • Prenatal genetic testing for monogenic diabetes due to glucokinase deficiency (December 2023) • Delayed cord clamping in preterm births (December 2023) • Infertility and autism spectrum disorder (December 2023)
<p>What's new in surgery</p>	<ul style="list-style-type: none"> • Duration of antibiotic therapy following appendectomy for perforated appendicitis (February 2024) • Complications of transrectal versus transperineal prostate biopsy (February 2024) • Whole blood transfusion for severe traumatic hemorrhage (January 2024) • Phosphodiesterase type 5 inhibition for Raynaud phenomenon (January 2024) • Cardiometabolic features of adrenal incidentaloma with mild autonomous cortisol secretion (December 2023) • Tranexamic acid to reduce bleeding after percutaneous nephrolithotomy (December 2023)
<p>What's new in dermatology</p>	<ul style="list-style-type: none"> • Dupilumab for recalcitrant chronic hand eczema (February 2024) • Topical roflumilast for seborrheic dermatitis (January 2024) • Investigational nemolizumab for prurigo nodularis (November 2023) • Dupilumab for prurigo nodularis (August 2023)