### What’s new in cardiovascular medicine

- Apixaban not adequate for On-X valve (July 2023)
- Tricuspid valve prolapse in patients with mitral valve prolapse (June 2023)
- Comparison of donor hearts procured after circulatory death or brain death in heart transplantation (June 2023)
- Remote pulmonary artery pressure monitoring in patients with heart failure (June 2023)
- Predictive value of 3D-derived right ventricular ejection fraction (June 2023)
- Dual-chamber leadless pacing (June 2023)
- New professional guidelines on conduction system pacing (June 2023)
- Contribution of inflammation to cardiovascular risk in patients receiving statin therapy (April 2023)
- Use of an algorithm to determine venue of care in patients with heart failure (April 2023)
- Bempedoic acid for patients intolerant to statins (March 2023)
- Five-year outcomes of transcatheter mitral repair for secondary mitral regurgitation (March 2023)
- Thiazide diuretics to augment diuresis in heart failure (February 2023)

### What’s new in endocrinology and diabetes mellitus

- Verapamil treatment in newly diagnosed type 1 diabetes (June 2023)
- Partially automated insulin delivery in newly diagnosed type 1 diabetes does not slow the decline in C-peptide production (June 2023)
- More fully automated insulin delivery system for type 1 diabetes (June 2023)
- Levothyroxine dosing in young, healthy adults with primary hypothyroidism (May 2023)
- Influence of cortisol assay technique on diagnosis of adrenal insufficiency (May 2023)
- Clinical characteristics of myxedema coma (April 2023)
- Parathyroidectomy and kidney function in patients with primary hyperparathyroidism (April 2023)
- Bone antiresorptive treatment in hypercalcemia of malignancy (March 2023)
- Assisted reproductive technology outcomes in euthyroid women with thyroid peroxidase (TPO) antibodies (March 2023)
- Treatment of anaplastic thyroid cancer (March 2023)
- MRI monitoring of nonfunctioning pituitary microincidentalomas (March 2023)
- Automated insulin delivery systems for young children with type 1 diabetes (March 2023)
- International consensus guidelines for the use of automated insulin delivery systems in type 1 diabetes (March 2023)
### What's new in anesthesiology
- Choice of fluid during kidney transplantation (June 2023)
- Multimodal strategies to manage pain after thoracotomy (June 2023)
- Anesthesia for mechanical thrombectomy in acute ischemic stroke (June 2023)
- Variable response to sugammadex (June 2023)
- Intraoperative blood pressure targets (April 2023)
- Anesthesia for video-assisted thoracoscopic surgery (VATS) for pulmonary resection

### What's new in pulmonary and critical care medicine
- Pneumothorax after endobronchial valve placement (June 2023)
- Variable response to sugammadex (June 2023)
- Video laryngoscopy improves first-pass attempt success for emergency department and intensive care unit intubations (June 2023)
- Increased use of computed tomographic pulmonary angiography (June 2023)
- Dupilumab for refractory chronic obstructive pulmonary disease (June 2023)
- Elexacaftor-tezacaftor-ivacaftor for children ≥2 years with cystic fibrosis (May 2023)
- New scoring system for lung transplantation (May 2023)
- Immunosuppressant therapy for rheumatoid arthritis-associated interstitial lung disease (May 2023)
- Mucus plugging on CT scan and COPD mortality (May 2023)
- Extracorporeal versus conventional cardiopulmonary resuscitation (May 2023)
- Sotatercept for pulmonary arterial hypertension (April 2023)
- "GLI-Global" reference equation for spirometry (April 2023)

### What's new in neurology
- Recurrent recurrent intracerebral hemorrhage in patients with nonhemorrhagic diagnostic imaging features of cerebral amyloid angiopathy (July 2023)
- Ravulizumab for neuromyelitis optica spectrum disorder (July 2023)
- Aerosolized lidocaine for trigeminal neuralgia exacerbations (June 2023)
- Vorasidenib in patients with IDH-mutant, low-grade glioma (June 2023)
- Anesthesia for mechanical thrombectomy in acute ischemic stroke (June 2023)
- Craniotomy or craniectomy for acute subdural hematoma (May 2023)
- Hormonal therapy in females with cerebral cavernous malformations (May 2023)
- Tofersen for SOD1-associated amyotrophic lateral sclerosis (May 2023)
- Validation of new diagnostic criteria for multiple system atrophy (May 2023)
- Atogepant for chronic migraine prevention (May 2023)
- Intrathecal trastuzumab for HER2-positive leptomeningeal disease (April 2023)
- Trofinetide in patients with Rett syndrome (April 2023)
### What's new in infectious diseases
- Emodepside for trichuriasis and hookworm infection (June 2023)
- Rifapentine for prevention of leprosy among household contacts (June 2023)
- Idiopathic CD4 lymphocytopenia (June 2023)
- Fecal microbiota oral capsules for preventing recurrent Clostridioides difficile infection (May 2023)
- Updated blood donor deferral criteria related to HIV risk (May 2023)
- Doxycycline for post-exposure prophylaxis of sexually transmitted infections (April 2023)
- Severe mpox in persons with advanced HIV (April 2023)
- Adaptive treatment approach for tuberculosis (March 2023)
- Duration of doxycycline for early localized Lyme disease (March 2023)
- Long-term benefit of early antiretroviral therapy for HIV (March 2023)
- Fecal microbiota rectal suspension for preventing recurrent Clostridioides difficile infection (March 2023)

### What's new in psychiatry
- Ketamine combined with psychotherapy for posttraumatic stress disorder (May 2023)
- Combined motivational interviewing and cognitive-behavioral therapy for negative symptoms in schizophrenia (May 2023)
- Psychotherapy for antenatal depression (May 2023)
- Self-management interventions for bipolar disorder (April 2023)
- Adjunctive therapy for treatment-resistant, late-life depression (March 2023)
- Sublingual dexmedetomidine for agitation in patients with schizophrenia (February 2023)
- Neurologic and neuropsychiatric manifestations of systemic lupus erythematosus

### What's new in nephrology and hypertension
- Social determinants of health and disparities in hypertension control (July 2023)
- Displacement of lower pole kidney stones during stone removal surgery (June 2023)
- Effect of hemodiafiltration or hemodialysis on mortality in patients with end-stage kidney disease (June 2023)
- Cardiovascular disease and ANCA-associated vasculitis (June 2023)
- Interindividual heterogeneity in the response to different antihypertensive medications (May 2023)
- Timing of exercise during hemodialysis and intradialytic hypotension (May 2023)
- Sparsentan for patients with IgA nephropathy (April 2023)
- Nicotinamide for the treatment of hyperphosphatemia in chronic kidney disease (April 2023)
- Novel investigational therapy for patients with FSGS and two APOL1 variants (March 2023)
- Mycophenolate mofetil for progressive IgA nephropathy (March 2023)
### What’s new in allergy and immunology

- **Dupilumab for refractory chronic obstructive pulmonary disease** (June 2023)
- **Epicutaneous immunotherapy for peanut allergy in toddlers** (June 2023)
- **Mechanisms of rapid drug desensitization** (June 2023)
- **Idiopathic CD4 lymphocytopenia** (June 2023)
- **New treatment for a genetic immunodeficiency syndrome** (May 2023)
- **New urticaria in the weeks after COVID-19 vaccination** (March 2023)
- **Trial of lebrikizumab for atopic dermatitis** (March 2023)
- **Trial of topical brepocitinib for atopic dermatitis** (March 2023)

### What’s new in hematology

- **Pirtobrutinib in relapsed CLL/SLL** (July 2023)
- **Subcutaneous rituximab-hyaluronidase in low tumor burden follicular lymphoma** (July 2023)
- **Chimeric antigen receptor (CAR)-T cell therapy in double-refractory CLL/SLL** (June 2023)
- **CAR-T cell therapy in multiply relapsed refractory multiple myeloma** (March 2023, Modified June 2023)
- **Durability of gene therapy for hemophilia A** (March 2023, Modified June 2023)
- **Tranexamic acid for severe trauma-related hemorrhage** (June 2023)
- **Intramuscular vaccines in people with hemophilia** (June 2023)
- **Multicomponent intervention for postpartum hemorrhage** (May 2023)
- **Platelet transfusion prior to ultrasound-guided central venous catheter placement** (May 2023)
- **Venetoclax-based regimens for the initial treatment of chronic lymphocytic leukemia/small lymphocytic lymphoma** (May 2023)
- **Blinatumomab for treatment of infant acute lymphoblastic leukemia** (May 2023)
- **Approval of polatuzumab vedotin for initial treatment of diffuse large B cell lymphoma** (May 2023)
- **Clinical features of paroxysmal cold hemoglobinuria** (April 2023)
- **Olutasidenib for IDH1-mutated relapsed/refractory acute myeloid leukemia** (April 2023)
### What’s new in Pediatrics

- Empagliflozin for type 2 diabetes in children ≥10 years (July 2023)
- Cerebral oximetry in preterm neonates (July 2023)
- The Eat, Sleep, Console approach for neonatal abstinence syndrome (June 2023)
- Type of fluid for resuscitation of septic shock in children (June 2023)
- Verapamil treatment in newly diagnosed type 1 diabetes (June 2023)
- Partially automated insulin delivery in newly diagnosed type 1 diabetes does not slow the decline in C-peptide production (June 2023)
- Hemolytic disease of the fetus and newborn due to anti-M (April 2023)
- Diagnostic criteria for myelin oligodendrocyte glycoprotein antibody-associated disease (March 2023)
- International consensus guidelines for the use of automated insulin delivery systems in type 1 diabetes (March 2023)
- Automated insulin delivery systems for young children with type 1 diabetes (March 2023)
- Hydroxyurea in sickle cell disease (February 2023)
- Newborn pulse oximetry screening for congenital heart disease (February 2023)
- Video laryngoscopy for emergency endotracheal intubation in children (January 2023)

### What’s new in gastroenterology and hepatology

- Etrasimod for treating moderate to severe ulcerative colitis (July 2023)
- Updated guidance on management of nonalcohol-associated fatty liver disease (June 2023)
- Bariatric surgery for patients with nonalcoholic fatty liver disease and obesity (June 2023)
- Upadacitinib for moderate to severe Crohn disease (June 2023)
- Risk of post-sphincterotomy bleeding with antithrombotic therapy (June 2023)
- Aspirin and risk of acute rejection after liver transplantation (April 2023)
- Helicobacter pylori, pathogenic variants associated with inherited cancer syndromes, and gastric cancer risk (April 2023)
- Vedolizumab for treating chronic pouchitis (April 2023)
- New guidelines on management of biliary strictures (April 2023)
- Cow’s milk elimination alone for eosinophilic esophagitis (March 2023, Modified April 2023)
- New guidelines on the role of biomarkers in ulcerative colitis (March 2023)
- Fecal microbiota rectal suspension for preventing recurrent Clostridioides difficile infection (March 2023)
- Updated guidelines on preventing post-ERCP pancreatitis (March 2023)
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<td><strong>Perioperative pembrolizumab in resectable non-small cell lung cancer (June 2023)</strong></td>
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<td><strong>Panitumumab versus bevacizumab for metastatic colorectal cancer (May 2023)</strong></td>
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<td><strong>Total breast reconstruction with autologous fat grafting (May 2023)</strong></td>
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<td>** INTERRUPTION OF ENDOCRINE THERAPY FOR AN ATTEMPT AT PREGNANCY AFTER BREAST CANCER (MAY 2023)**</td>
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### What’s new in emergency medicine

- **Increased use of computed tomographic pulmonary angiography (June 2023)**
- **Type of fluid for resuscitation of septic shock in children (June 2023)**
- **Point-of-care ultrasound versus radiography in children with suspected distal forearm fractures (June 2023)**
- **Video laryngoscopy improves first-pass attempt success for emergency department and intensive care unit intubations (June 2023)**
- **Nalmefene nasal spray approved for acute opioid intoxication (June 2023)**
- **Diagnosis of blunt cardiac injury (June 2023)**
- **Tranexamic acid for severe trauma-related hemorrhage (June 2023)**
- **Safety of type O blood transfusion during trauma resuscitation (May 2023)**
- **Extracorporeal versus conventional cardiopulmonary resuscitation (May 2023)**
- **Replacing the nail after open nail bed laceration repair (May 2023)**
- **Clinical characteristics of myxedema coma (April 2023)**
- **Use of an algorithm to determine venue of care in patients with heart failure (April 2023)**

### What’s new in Obstetrics, Gynecology and Women’s Health

- **Preventing postpartum overdose (April 2023)**
- **Early pregnancy diagnosis of gestational diabetes (June 2023)**
- **Anticoagulation does not prevent recurrent pregnancy loss in patients with inherited thrombophilia (June 2023)**
- **Disease relapse among pregnant SLE patients (June 2023)**
- **Caffeine consumption and congenital anomalies (May 2023)**
- ** Interruption of endocrine therapy for an attempt at pregnancy after breast cancer (May 2023)**
- **Biomarker test approved for predicting preeclampsia progression (May 2023)**
- **New guidelines on pregnancy/postpartum mental health screening (May 2023)**
- **Multicomponent intervention for postpartum hemorrhage (May 2023)**
- ** Intravenous iron during pregnancy (May 2023)**
- **Prophylactic tranexamic acid at cesarean birth (April 2023)**
- ** Hemolytic disease of the fetus and newborn due to anti-M (April 2023)**
### What’s new in surgery

- Breast-conserving therapy for multicentric breast cancers (July 2023)
- Bariatric surgery for patients with nonalcoholic fatty liver disease and obesity (June 2023)
- Multimodal strategies to manage pain after thoracotomy (June 2023)
- Choice of fluid during kidney transplantation (June 2023)
- Tranexamic acid for severe trauma-related hemorrhage (June 2023)
- Tonsillectomy for adults with recurrent tonsillitis (June 2023)
- Use of a single thoracostomy tube following surgical decortication (June 2023)
- Total breast reconstruction with autologous fat grafting (May 2023)
- Platelet transfusion prior to ultrasound-guided central venous catheter placement (May 2023)
- Piperacillin-tazobactam prophylaxis for pancreaticoduodenectomy (May 2023)
- Craniotomy or craniectomy for acute subdural hematoma (May 2023)
- Parathyroidectomy and kidney function in patients with primary hyperparathyroidism (April 2023)

### What’s new in dermatology

- Topical birch bark triterpenes for dystrophic and junctional epidermolysis bullosa (June 2023)
- Secukinumab for hidradenitis suppurativa (June 2023)
- Topical gene therapy for dystrophic epidermolysis bullosa (June 2023)
- Investigational oral small molecule dersimelagon for erythropoietic protoporphyria (April 2023)
- Methotrexate and prednisone for severe alopecia areata (April 2023)
- Oral isotretinoin for acne and psychiatric outcomes (March 2023)
- Trial of lebrikizumab for atopic dermatitis (March 2023)
- Trial of topical brepocitinib for atopic dermatitis (March 2023)
- Nicotinamide does not prevent skin cancer in solid organ transplant recipients (March 2023)