Southern Abstracts Subject Index

A
Abdominal pain, in children, 275
Acetaminophen-opioid, prescribing in young infants, pharmacoeconomics of, 524
Acquired hemophilia type A, in young patient with AIDS and remote history of lymphoma, 188
Acquired methemoglobinemia, benzocain induced methemoglobinemia, 7
Acromegaly, diagnosis of, 72
Acute graft versus host disease, hepatic veno-occlusive disease vs., 79
Acute infective necrotizing pancreatitis, a case report, 510
Acute interstitial nephrosis (AIN), induced by cocaine, during dehydrating coke, 318
Acute kidney injury (AKI) associated with synthetic cannabinoids, 321
with linagliptin, 468
prevention by vancomycin dosing and monitoring, for clinical practice guideline development, 335
with severe thrombocytopenia and hyperbilirubinemia, due to leptospirosis infection, in New Orleans, 333
Acute myeloid leukemia (AML) intracardiac masses as initial finding in child with, 274
pilonidal cyst leads to diagnosis of, 26
Acute myocardial infarction (AMI), associated with in-hospital mortality, with variation in geographic distribution, 383
Acute respiratory distress syndrome (ARDS) maritobuflugenin identifies patients with, 461
pneumonia associated with herpes simplex virus infection progressing to, 18
Adenocarcinoma, epithelial growth factor receptor (EGFR) mutations and echinoderm microtubule-associated protein-like 4-anaplastic lymphoma kinase (EMLA-ALK) gene rearrangement, in lung patients, 411
Adipokine levels and insulin sensitivity, associated with body fat distribution, after gastric bypass surgery, 399
Adolescents contextual assets of hopeful, 432
Arthus, case analysis and literature review of, 276
24-hour heart rate and rate-pressure product in hypertrophic cardiomyopathy (HCM) patients, with status asthmaticus, 308
Ambiguous genitalia, and large abdominal mass in a neonate, 249
Ammonia transport by RH glycoproteins, 573
Androgen excess, mysterious origins of, 13
Angiotensinogen type 2 receptor regulates skeletal muscle stem cell differentiation, 473
Angiogenesis augmentation in vascular smooth muscle cells of afferent arterioles, endothelial cells contribution to, 574
Expression in female rat kidney, 466
expression with histone deacetylase 9 repressor, in female rat kidney, 348
Anorexia nervosa, pancytopenia and gelatinous bone marrow transformation in, 270
Anti-N-methyl-D-aspartate (NMDA) receptor encephalitis, case studies of psychosis, 301
Antiretroviral therapy, engagement in HIV primary care, and unprotected sex among hospitalized HIV-infected patients, 421
Aortic dissection, incidental diagnosis of penetrating aortic ulcer of the ascending aorta, leads, 123
Aortic pseudoaneurysms, causing left atrial obstruction, 140
Aortic stenosis, case analysis and literature review of, 134
Atrial septal defect, caused by Haemophilus parainfluenzae with extensive disruption of aortic root, 127
Appendical perforation, MANTRESL score to, 58
Arachidonic acid metabolites after cardiopulmonary bypass, in children, 458
Arthritis, case analysis and literature review of, 276
Aryl hydrocarbon receptor gene deletion, hyperoxic pulmonary hypertension in newborns, 310
Aspergillus fumigatus sialidase, pulmonary microvascular endothelial cells, 568
Atenolol and hydrochlorothiazide effects on, 452
Augmentation Index (AI), is associated with hypertension in blacks, 79
Augmentation of cardiovascular reactivity in adult women, 372
Augmenting ischemia-reperfusion responses, in patients with status asthmaticus, 308
Augmentation Index (AI), is associated with hypertension in blacks, 79
August Medication Errors and Safety, a report of, 379
Axial pain with stimulation, utilizing “cross-talk” between epidural and subcutaneous peripheral field leads, 70
Azathioprine, modulating inflammation via toll like receptor pathways in group B Streptococcus sepsis, 223
Chylous effusion, clinical presentation and management for, 237
Cinacalcet, metastatic pediatric parathyroid carcinoma therapeutic role of, 238
Cisplatin, a dyschoreasemia of extracellular cations and cardiac arrhythmias, 114
for medullary renal cell carcinoma, a case report, 537
Citrate transport system, proximal tubule cells from NaDC1 knockout mice, 576
Clarithromycin associated hepatotoxicity, a case report, 511
Clinical correlations, ultrafiltration rate in hemodialysis patients, 469
Clinical reasoning concepts to facilitate the teaching of clinical problem solving skills, 585
iterative case presentation to demonstrate, 586
Clinically localized prostate cancer, primary treatment for, with racial and age differences, 406
Clopidogrel, idiopathic reaction, a case report, 515
Clostridium difficile associated diarrhoea, intravenous immunoglobulin therapy for, 215
CO-localization and fluorescence resonance energy transfer demonstrate interaction, between sodium chloride cotransporter and epithelial sodium channel, 465
Cocaine abuse, Marchiafava-Bignami disease in patient with history of, 64
Cocaine, acute interstitial nephropathy (AIN) induced by, during dehydrating coke, 318
Colchicine toxicity, case analysis and literature review of, 235
Collagen-induced arthritis (CIA) suppressing with leukocyte associated immunoglobulin-like receptor-1 (LAIR-1), 350
suppression by leukocyte associated immunoglobulin-like receptor-1 (LAIR-1), 357
Collagenous colitis, associated with long term use of Advil, 402
Colorectal adenomas with lipid levels, ethnic disparities in the risk of, 509
Combining transcutaneous CO₂ measurement, with serum bicarbonate to predict capillary blood gases, 290
Common variable immunodeficiency (CVID), related adrenal insufficiency, electrocardiogram changes in, 9
Community-acquired pneumonia (CAP), with guidelines after education, by antimicrobial stewardship program (ASP), in pediatric patients, 367
Community health worker (CHW) home visitation project of, 488
perspective on barriers to care, 168
Complete blood counts (CBCs), in chronic obstructive pulmonary disease exacerbations, 520
Computerized physician order entry (CPOE) alert, for sulfonlurea-associated hypoglycemia identification, 522
Congenital adrenal mass, in a neonate, 247
Congenital cervical pyclovical astrocytoma, presenting as hypotonia in neonate, 269
Congenital pseudohypothyroidism, presenting with opcosclerosis-myoclonus, 27
Congenital lipoid adrenal hyperplasia, testicular adrenal rest tumors in two siblings with, 227
Congenital pulmonary airway malformation (CPAM), clinical management of, 234
Congestive heart failure (CHF) and chronic kidney disease (CKD), complication of, 454
readmissions, clinical significance of alcoholism in, 122
Corneal melt syndrome, case analysis and literature review of, 103
Coronary artery bifurcation stenting, case analysis and literature review of, 120
Coronary artery disease in hepatitis C, lower cholesterol levels do not confer protection from, 476
Coronary (widow maker) artery disease, Wellens’ sign ECG sign of, 19
Coronary heart disease (CHD), and risk factors associated with spondyloarthriditides, in veterans, 374
Corpus callosum and vermis growth, impact of, 226
Corpus callosum and vermis growth, phenotypic variability, 226
Corneal transplantation, effect of, with cardiac arrhythmias, 112
Cryptococcal disease, among hospitalized HIV infected adults in Ethiopia, 541
Cutaneous leishmaniasis, acquired in pediatric patient-therapy with topical ketoconazole, 33
CVID spectrum, associated with regions on chromosome 2, 6, and 10, 378
Cystic fibrosis, intestinal microbiome in
Cystatin C, C-reactive protein is associated with rhabdomyolysis as presentation of, 66
Cryptococcal disease, among hospitalized HIV infected adults in Ethiopia, 541
Cryptococcal disease, among hospitalized HIV infected adults in Ethiopia, 541
Cyclophosphamide, cation dyshomeostasis and cardiac arrhythmias, 115
CYP1A1-REN2 transgenic rats, PDGF receptor antagonism, increased kidney angiotensin II levels, 572
Cystatin C, C-reactive protein is associated with in whites, 489
Cystic fibrosis, intestinal microbiome in children with, 47
Cystinosis and Waardenburg syndrome in child with congenital hearing loss, vomiting, constipation, and failure to thrive, 252
Cytomegaly P450 S1A1, identification of hyperoxia responsive element, in human lung cell culture, 567
Cytomegaly P450 S4A4 inhibitors, for hepatitis C virus infection, 546
Dermatomyositis, case analysis and literature review of, 487
Developmental delay and significant heart murmur, infant with, 239
Diabetes continuity clinic, changes in patient outcomes in dedicated internal medicine resident, 504
Diabetes foot and eye care, quality improvement in, 164
Diabetes insipidus, and cerebral salt wasting syndrome treated with desmopressin and fludrocortisone, 154
as a complication in rhino-cerebral zygomycosis, 538
unmasked by nausea and vomiting of pregnancy, 16
Diabetes mellitus (DM) correlation of diastolic dysfunction, among echocardiographic patients, 385
disposition optimism, objective disease risk and perception of disease risk in, 596
leptin deficiency presenting as new onset, a case report, 506
self-management, smart phone technology for, 589
transition program, characteristics of pediatric patients enrolled in, 49
Diabetes metrics in an endocrinology clinic, effect of payor source on, 501
Diabetes risk score, risk perception, self-efficacy, and objective health risk, 595
Diabetic muscle infarction, case analysis and literature review of, 14
Dialysis associated pericarditis, with pericardial effusions, 320
identify barriers to timely access creation, 579
patient with persistent metabolic acidosis, after unanticipated salicylate overdosing, 338
risk of prosthetic valve endocarditis (PVE), 599
Diastolic dysfunction, diabetes correlation of, among echocardiographic patients, 385
DIDS inhibition, ammonia transport by RH glycoproteins, 573
Diffuse alveolar hemorrhage, case analysis and literature review of, 73
Diffuse large B cell lymphoma, of lattisimus dorsi, 184
Diffuse large B-cell, type with incidental papillary thyroid carcinoma in patient with history of chronic lymphocytic thyroiditis, 179
DiGeorge syndrome, papillary and follicular thyroid carcinoma in patient with, 153
Dispositional optimism, objective disease risk and perception of disease risk in diabetes (DM), correlation between, 596
Disseminated mucormycosis, case analysis and literature review of, 104
Distal renal tubular acidosis, severe rhabdomyolysis as presentation of, 66
DNA haplotype, with cytoskeletal and mitochondrial responses to cyclical stretch, 358
DNA methylation regulation, murine alveolar macrophage, 454
Delayed myocardial repolarization with cardiac arrhythmias, 112
cation dyshomeostasis and, with cardiac arrhythmias, 3
Deletion syndrome 1q21.1, evidence of
Deletion syndrome 1q21.1, evidence of
Denosumab, associated with severe hypocalcemia, in metastatic prostate cancer, 322
Depression, adult sickle cell disease and, 172
hypodysplasia in prorenin receptor PRRUB--/mice, 462
Double hit lymphoma, case analysis and literature review of, 177
Doxycycline-induced pancreatitis, 162
Drug reaction with eosinophilia and systemic symptoms (DRESS) syndrome, complication of allopurinol, 328
Dyspnea, vs. fatigue impact on quality of life and function, in patients with pulmonary hypertension (PH), 315
Duoanal adenocarcinoma, psas muscle metastasis, 536
Duplication 11q22.3, clinical evaluation of, 241
Duplication of chromosome 12q, case analysis and literature review of, 61
Eiphrora, doctetaxel associated, 92
Epstein-Barr virus detection, in anal versus cervical samples in a cohort of HIV+ women, 542
Esophageal adenocarcinoma (EAC), tumorigenesis and metastasis in, supportive niche provided by stromal cells for, 408
Esophageal coins, in pediatric emergency department (PED) with esophageal Bougienage vs surgical management, 372
Esophageal reflux in childhood, associated with gastroesophageal disease in infancy, 398
Ethereal lock therapy, for central line associated bloodstream infection (CLABSI) treatment, 549
Ertizomab, emergency department diagnosis of severe orbital proptosis and fungal rhinosinusitis, 236
Ewing's sarcoma (ES), survivorship analysis, 535
Exhaled breath condensate (EBC) and exhaled breath condensate (EBC) and detection, arachidonic acid metabolites after cardiopulmonary bypass, in children, 458
Exosomal RNA isolation from prostate cancer patients, TRIzol method, 523
Express Admit Unit (EAU) in Emergency Department facility, epidemiologic description, 525
Extra pulmonary small cell carcinoma (EPSCC), case analysis and literature review of, 96
Familial thoracic aortic aneurysm, and dissection presenting with, 10
Fanconi anemia, hepatocellular carcinoma due to, 53
Familial thoracic aortic aneurysm, and dissection presenting with, 10
Fat embolism syndrome, case analysis and literature review of, 217
Fungal infection, case analysis and literature review of, 217
Fungal rhinosinusitis, emergency department diagnosis requiring emergent ethmoidectomy, 236
Familial thoracic aortic aneurysm, and dissection presenting with, 10
Fat embolism syndrome, case analysis and literature review of, 217
Fungal infection, case analysis and literature review of, 217
Fungal rhinosinusitis, emergency department diagnosis requiring emergent ethmoidectomy, 236

Group A streptococcal (GAS) bacteriical activity of affinity purified human antibodies against M-related proteins of, 212 M-related protein expression, 547 M-related proteins vs. antibodies, prevalence and age-related acquisition of, 415 Group B Streptococcus (GBS) sepsis azithromycin inflammation modulation and toll like receptor (TLR) pathways in, 422 azithromycin modulating inflammation via toll like receptor (TLR) pathways in, 223 septic arthritis and osteomyelitis, neonatal congenital hip dislocation, complicated by, 199 Group C streptococci (GCS) sepsis, in pediatric patient with tuberous sclerosis, 32 Guanylyl cyclase/natriuretic peptide receptor-A, gene-disruption induces cardiac fibrosis, 478 Guidelines for Adolescent Preventive Services (GAPS), questionnaire utility for youth infected with HIV, 369

H

Haemophilus parainfluenzae, aortic valve endocarditis with extensive disruption of the aortic root, 127 Hashimoto thyroiditis, requiring thyroideectomy for pain control, 251 HDL, functional and dysfunctional in heart transplant, 107 Head cooling, cerebral vascular cytoprotective effects on, during seizures in newborn piglets, with heme oxygenase pathway, 438 Health care climate, in ESRD, 470 Health care providers (HCP) practices, for diagnosis and management of constipation, 400 Health care utilization in early childhood, late preterm delivery following, 565 Healthcare and gastroenterologists with social media impact, in United States, 403 Healthcare Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey, adverse event reviewing, 597 Healthy HIV-infected individuals harbor HIV in, alveolar macrophages (AM), 451 Heart failure in patient with carnitine-acylcarnitine translocase deficiency, 244 unusual infection causing, 38 Heart-hand syndrome, case analysis and literature review of, 41 Heart, muscle and liver necrosis, following envenomation by timber rattle snake, 124 Heart transplant, functional and dysfunctional HDL in, 107 Hematology-oncology patients, patient satisfaction of, 171 Hematometra, ovarian tumor masquerading as, 271 Hematopoietic stem cell transplantation (HSCT), reversible encephalopathy syndrome diagnosis, 540 Heme oxygenase pathway, cerebral vascular cytotoxic effects on head cooling, in newborn piglets, 438 Hemiparesis, intracranial tuberculosis in patient presenting with confusion and, 197 Hemiplegia, posturing and, in infant female, 25 Hemodialysis (HD) patients in association with risk of death and spinal epidural abscess (SEA) diagnosis, 344 patients with renal dose adjustment of pregabalin, 343 patients with spinal epidural abscess protein 1, 212 tuned hemodialysis catheters (TDC) removal by non-interventional nephrologists, with University of Mississippi experience, 326 Hemoglobinopathies, travel medicine and, 102 Hemolytic uremic syndrome (HUS) associated with severe shiga toxin treatment, with eculizumab, 345 intracranial hemorrhage in patient receiving eculizumab for treatment of, 190 treated with eculizumab, 6 Hemophagocytic lymphohistiocytosis in brain, posterior reversible encephalopathy syndrome mimicking, 540 fever and recurrent rash of, 54 presenting as veno-occlusive disease in a leukemia patient, 230 Heparin-induced thrombocytopenia (HIT), warfarin-induced skin necrosis in patient with, 37 Hepatic encephalopathy, case analysis and literature review of, 208 Hepatic glucocorticoid molecules in fetal/newborn baboons, developmental differences in, 566 Hepatic veno-occlusive disease, vs. acute graft versus host disease, 79 Hepatitis C virus (HCV) infection associated with cryptoglobinemia, on use of rituximab, 323 coronary artery disease in, lower cholesterol levels do not confer protection from, 476 drug-drug interactions, 546 Hepatocellular carcinoma spinal metastasis as initial presentation of, 97 twenty years after bone marrow transplantation for fanconi anemia, 189 Hepatotoxicity clarithromycin associated, 511 clopidogrel associated, 515 Herpes simplex encephalitis (HSE), in a patient after radiotherapy and adjuvant chemotherapy, 24 Herpes simplex virus infection neonatal scabies with thrombocytopenia masquerading as mucocutaneous, 258 with pneumonia associated, progressing to acute respiratory distress syndrome in an immunocompetent patient, 18 Herpes zoster (HZ), incidence of, among veterans, 417 High-amplitude-propagating contractions (HAPC) with colon transection effect, in children, 353 colon transection effect on, in children, 394 High readmission rates, experience of medically frail children, 339 Hip dislocation, complicated by group B Streptococcus septic arthritis and osteomyelitis, 199 Histone deacetylase 9 novel protective effect of, female rat kidney, 466 repressor for angiotensigen expression, in female rat kidney, 348 Histoplasmosis, and Mycobacterium kansasii presenting as recurrent pleural effusion, 198 Histoplasmosis, with oral and cutaneous manifestations in an immunocompetent patient, 197A HIV-I viral proteins and Zinc depletion process, 452 Holf Oram syndrome, case analysis and literature review of, 41 Homocysteine, placental expression of creatine transporter, 561 Hospital readmissions, linking location to socio-economic characteristics and, 598 HPV vaccine differences in attitudes, among parents of male and female adolescents, 366 with perceived pain in comparison to recommended vaccines, for adolescents, 365 Human immunodeficiency virus (HIV) associated Hodgkin lymphoma, case analysis and literature review of, 220 engagement in primary care, antiretroviral therapy, and unprotected sex among infected patients, 421 infected adults in Ethiopia, cryptococcal disease among, 541 molecular diagnostic assay for enhancing tuberculosis in, 544 patient false positive HIV test in lupus, 486 risky behaviors, in adolescents, 545 with vitamin D deficiency, sub-clinical vertebral fractures, 502 Human lung cell culture, identification of hyperoxia responsive element, cytochrome P450 1A1(CYP1A1) family, 567 Human milk fortifiers (HMF), 551 Human papillomavirus detection, in anal cervical samples in a cohort of HIV+ women, 542 Hyperbaric oxygen therapy, in treatment of refractory osteomyelitis in pediatric patient, 221 Hyperbilirubinemia clinical features of newborns readmitted to the hospital for management of, 300 kermencas as complication in adult patient, 90 and thrombocytopenia associated with acute kidney injury, with leptospirosis infection, in New Orleans, 333 Hypercalcemic crisis, as first manifestation of recurrent non-Hodgkin's lymphoma, 65 Hypereosinophilic syndrome, masquerading as cerebral vasculitis, 100 Hyperglycemia in premature infants, persistent hepatic glucose production, 566 Hyperoxia, aryl hydrocarbon receptor gene expression, in neonatal human pulmonary microvascular endothelial cells, 568 Hyperoxia responsive element, in human lung cell culture, cytochrome P450 1A1, identification of, 567 Hypersplenism, and psychiatry in 22q11.2 deletion syndrome, 155 Hypertension CYP1A1-Ren2 transgenic rats, PDGF receptor antagonism, increased kidney angiotensin II levels, 572 following treatment of bilateral renal artery stenosis, 156 multidisciplinary approach to treat, 593 treatment, by IV hydralazine in hospitalized children, 339 Hypertensive heart disease (HHD) small myocytes recovery and reverse remodeling, 360 with small myocytes recovery and reverse remodeling, 346 Hyperthyroidism, profound muscle wasting as a presentation of, 157
Level IV NICU, immunization status of infants prior to discharge from, 286
LGBT, cultural sensitivity teaching methods, using virtual reality world of second life vs. traditional workshop format, 424
Light chain deposition disease, late recurrence of, after kidney transplantation treated with bortezomib, 81
Linaglaptin, acute kidney injury with, 468
Linear and whorled nevoid hypermelanosis, 551
Lithium toxicity, diverse complications in a patient with, 74
Liver failure, buccal biopsy to diagnose neonatal, 30
Low bone mineral density in African-American males, prevent osteoporosis, 480
Low risk prostate cancer (LRPC), inappropriate imaging of men diagnosed with, 532
Low-solute hyponatremia, in non-alcoholic, 340
Lower cholesterol levels do not confer protection from, coronary artery disease in hepatitis C, 476
Lung recruitment in preterm piglets, ventilation strategies for, 571

M-related protein (Mrp) of group A Streptococci, protective immunogenity, 547
M-related proteins, of group A streptococci, bactericidal activity of affinity purified human antibodies against, 212
Macrolide-induced hepatotoxicity, a case report, 51
Macrophages contribute, to angiotensin II mediated angiotensin II stimulation, 463
Male gynecomastia, due to bladder cancer, 180
Malignancy-associated syndrome of inappropriate antidiuretic hormone (SIADH) secretion, ovarian serous carcinoma, cause of, 331
Malignant melanotic schwannoma, case analysis and literature review of, 181
Malnutrition assessment, in Meghna river islands of Narsingdi, Bangladesh, 559
MANTRELS score, to appendiceal perforation, 129
Methionine-induced goiterogenesis, in patient with syndrome of resistance to thyroid hormone, 149
Methotrexate, for medullary renal cell carcinoma, a case report, 537
Microcephaly, and simplified gyri pattern—a phenotypical variant of the 15q24 microduplication syndrome, 263
Midaortic syndrome, in pediatric patient with history of alcohol and cocaine abuse, 64
Mycophenolate, in patients with systemic lupus erythematosus, 484
Mycobacterium kansasii, patient with difficult breathing vs. shortness of breath, followed by hospital readmission, 507
Mortality in preterm infants with pulmonary hypertension, B-type natriuretic peptide (BNP), 569
Mucormycosis, case analysis and literature review of, 104
Mucosal melanoma of head and neck (MMHN), patient with difficult breathing and dysphagia, 86
Mucous recirculation syndrome, diagnostic criteria for chronic rhinosinusitis, 379
Multicystic dysplastic kidney (MCDK), cytogenomic aberrations in, 51
Multiple myeloma, retrospective analysis of patients with renal involvement, 582
Mucinous alveolar septation, gene expression by DNA methylation regulation, 570
Murine model of muscular dystrophy in, angiotensin II suppresses muscle regeneration, 479
Mycobacterial exit site infection (ESI), associated with prophylactic topical gentamicin, in peritoneal dialysis patients, 317
Mycobacterium kansensis, presenting as pleural effusion, 198
Mycobacterium, medical management of cervical lymphadenitis caused by, 257
Mycoplasma, case analysis and literature review of, 34
Myelomeningocele (MM), associated with folate receptor genes (FOLR2, FOLR3), 442
and literature review of, 228
Myocardial infarction, left ventricular pseudoaneurysm, an uncommon complication of, 119
Myocardial perfusion imaging for kidney transplantation effect, on mechanical dysynchrony and left ventricular systolic function, 386
with transient ischemic dilation, prognostic value in left ventricle, using regadenoson, 393

Nasal cannula (NC), lung recruitment in preterm piglets, 571
Necrotizing enterocolitis, in very low birth weight infants, 291
Neonatal abstinence syndrome (NAS), clonidine drug therapy in, 449
Neonatal aortic thrombosis, case analysis and literature review of, 228
Neonatal congenital hip dislocation, using regadenoson, 393
Necrotizing enterocolitis, in very low birth weight infants, 291
Neonatal abstinence syndrome (NAS), clonidine drug therapy in, 449
Neonatal aortic thrombosis, case analysis and literature review of, 228
Neonatal congenital hip dislocation, complicated by group B Streptococcus septic arthritis and osteomyelitis, 199
Neonatal intensive care unit (NICU) patient safety, 169
with tracheostomies, followed by hospital readmission, 507
validation of antibiotic stewardship program’s (ASP), with antibiotic use guidelines using sterile site culture, 371
Physician communication, with patients during pulmonary hypertension diagnosis, needs for education improvement, 314
Physicians treatment, for relatives or themselves, 428
Pilonidal cyst, leads to diagnosis of AML, 26
Placental expression of creatine transporter, homocysteine influences on, 561
Plasma cell leukemia, in patient with leukocytosis, hypercalcemia, and renal failure, 193
Plastic bronchitis, presenting in 6 year old with pneumonia, 277
Pleural effusion, histoplasmosis and Mycobacterium kansasii presenting as, 198
Pneumonia, attributed to biliary duct neoplasm, 192
Pneumocephalus, after epidural steroid injection in back, followed by severe headache, 436
Pneumocystis carni pneumonia (PCP), in non-HIV patient, 99
Pneumonia associated with herpes simplex virus infection progressing to acute respiratory distress syndrome in an immunocompetent patient, 18 plastic bronchitis presenting in 6 year old with, 277
systemic inflammatory response syndrome with clinical outcomes of, 45
Point of care (POC) test, for HIV infected adults in Ethiopia, 541
Polychondritis (RP), case analysis and literature review of, 8
Polymicrobial sepsis pathogenesis, P2Y2 purinergic receptor function for, 355
Port-associated bloodstream infections (PA-BSI), risk factors for, 519
Port catheter placement, success and complications under interventional nephrology, 580
Post pericardiotomy syndrome, cardiac surgery, 474
Posterior mediastinal tumor, unusual presentation of, 67
Posterior reversible encephalopathy syndrome, mimicking hemophagocytic lymphohistiocytosis in brain, 540
Postoperative cation dyshomeostasis with, 467
Poster mediastinal tumor, unusual presentation of, 67
Potential mechanism mediating IGF-1-induced atheroprotection, atherosclerotic plaque and suppresses chemokines, 475
Potential role for, HDAC6 in pulmonary fibrosis, 457
Preclinical medical school elective teaching, end-of-life competencies improves student preparedness in clinical rotations, 425
Pre-diabetics obese subjects, high carbohydrate diet on weight change and metabolic parameters in, 503
obese subjects, high proinflammatory cytokine on weight change, 503
Pregabalin, renal dose adjustment, in hemodialysis patients, 343
Pregnancy diabetes insipidus unmasked by nausea and vomiting of, 16
fulminant liver failure in, 63
Preterm infants with pulmonary hypertension, mortality in, B-type natriuretic peptide (BNP), 569
Primary care, patient satisfaction in, using positive approach, 583
Primary hemophagocytic lymphohistiocytosis, case analysis and literature review of, 194
Primary lung fibroblasts, with epigenetic modification of Thy-1, induced by transforming growth factor beta 1 (TGFβ1), 309
Primary pulmonary adenoscarcoma, atypical presentation of, 191
Primary thyroid lymphoma, case analysis and literature review of, 179
Prorenin receptor (PRR) lack, in ureteric Bud (UB), developmental programming of nephrogenesis, 575
Prostacyclin, in cerebral vasodilation to H2S in newborns, 43
Prostate cancer aggressiveness in African Americans, digit ratio measurements, 535
associated with age and comorbidities, with primary treatment, 406
in association with densosumab and severe hypercalcemia, 322
patients, exosomal RNA isolation by TRIzol method, 523
Prothrombotic valve endocarditis (PVE) and death following valve replacement surgery, undergoing dialysis, 599
Protease inhibitors interaction, for hepatitis C virus infection, 546
Protein kinase D1 (PKD) activation, on group B streptococci (GBS) induced proinflammatory responses, 414
in group B streptococci (GBS) induce proinflammatory responses, 357
Protein phosphatase 2C-alpha, knockdown reduces angiotensin II-mediated skeletal muscle wasting via restoration of mitochondrial recycling and function, 498
Proximal tubule transport systems, for initial manifestation of, 35
Pseudocyst, pancreatitis with conservative management of, 264
Psoas muscle metastasis, duodenal adenocarcinoma, 536
Psychosis, anti-N-methyl-D-aspartate receptor encephalitis, case studies of, 301
PTEN, role in TNF-α induced insulin resistance, 146
Pulmonary artery (PA), and microvascular (MV) endothelial cells disruption, with Aspergillus fumigatus sialidase, 347
Pulmonary development using novel tracheal bud (UB), 575
Pulmonary fibrosis, potential role for HDAC6 in, 457
Pulmonary histoplasmosis, case analysis and literature review of, 293
Pulmonary hypertension, case analysis and literature review of, 201
Pulmonary hypoplasia, case analysis and literature review of, 101
Pulmonary hypertension (PH) morbidity with congenital lipomatous overgrowth, vascular malformations, epidermal nevus, and scoliosis (CLOVES) syndrome, case report, 302
patients need communication with physician during diagnosis, for physician education improvement, 314
patients with fatigue vs. dyspnea, impact on quality of life and function, 315
within world health organization’s (WHO), in ICF, 459
Pulmonary microvascular endothelia disruption, role of Aspergillus fumigatus sialidase in, 548
Pulmonary thromboembolism (PTE), case analysis and literature review of, 83
Purulent pericarditis, case analysis and literature review of, 143
Pyomyositis, case analysis and literature review of, 14
Quality of life, in relation with health and asthma, demographic impact on, 380
R
Raooultella ornithinolytica, case analysis and literature review of, 195
Rapid antigen streptococcus test, (RAST)sensitivity of, 591
Refactory constipation, in toddlers and milk protein intolerance, endoscopic findings vs. clinical symptomatology correlation, 404
Refactory hyponatremia, in infant, 151
Refractory osteomyelitis, hyperbaric oxygen therapy in treatment pediatric patient, 221
Regulation of, novel calcium-sensitive dicarboxylate transport process, 471
Renal afferent arterioles, Rho-kinase activity in, 1
Renal cell carcinoma, hypertensive urgency as initial manifestation of, 35
Renal failure, patients with serum creatinine and urine output, as normal kidney parameters, 330
Renal function decline rate in, non proteinuric diabetic nephropathy, 575
Renal involvement in multiple myeloma, retrospective analysis of patients, 582
Renal involvement in multiple myeloma, retrospective analysis of patients, 582
Renal proximal tubular cells
Renal tubular acidosis, severe rhabdomyolysis
Renal function in multiple myeloma, retrospective analysis of patients, 582
Renal proximal tubular cells, macrophages contribute to angiotensin II mediated angiotensinogen stimulation in, 463
Renal tubular acidosis, severe rhabdomyolysis as presentation of, 66
Residency program, appreciative inquiry to identify positive aspects, 584
Retinal laser ablation therapy, and corpus callosum growth, 298
Retinopathy of prematurity (ROP), case analysis and literature review of, 293
Rhabdomyolysis case analysis and literature review of, 101
as presentation of distal renal tubular acidosis, 469
Rhabdomyosarcoma, adult alveolar sinonasal, 85
Rheumatic fever and rheumatic heart disease, with streptococcal skin infection prevalence, in American Samoan children, 420
Rhino-enteritis and typhomycosis, central diabetes insipidus as a complication in, 538
Rho-kinase activity, in renal afferent arterioles of angiotensin II infused hypertensive rats, 1
Right coronary artery anomalies, case analysis and literature review of, 84
Risks perception, self-efficacy, and objective health risk, 595
Rituuximab, associated with dyshomeostasis, 113
Rocky Mountain spotted fever, case analysis and literature review of, 253

S-adenosylmethionine (SAMe) and zinc restoration, treatment with, 453
Sacralcocygeal teratoma, with multiple recurrences by intradural extension in neonate, 231
SafeMed Program, early lessons from a care transitions program with a focus on medication management, 163
SafeMed Program, superutilizing patients meeting eligibility criteria for, among high-risk patients with MCC, 588
Safety perceptions, in pediatric emergency department, 44
Safety profiles, comparison of intravenous iron sucrose, ferric gluconate and total dose iron dextran, in chronic kidney disease patients, 329
Saphenous vein graft rupture, presenting with cardiac tamponade early after coronary artery bypass surgery, 139
Sarcoid cardiomyopathy, case analysis and literature review of, 132
Seizures and regression, in pediatric patients, 278
Sepsis with polymicrobial pathogenesis, P2Y2 purinergic receptor function for, 355
Septic arthritis and osteomyelitis, neonatal congenital hip dislocation, complicated by, 199
Serum creatinine and urine output, as normal kidney parameters, in patient with renal failure, 330
Serum potassium, among African-Americans, 560
Serum troponin, clinical utility in patients admitted with syncope, 111
Severe acute pancreatitis, a case report, 514
Severe hypocalcemia, cause of hypotension, 334
Severe rhodamnunosis, as presentation of distal renal tubular acidosis, 66
Severe shiga toxin treatment, associated with hemolytic uremic syndrome (HUS), with eculizumab, 345
Severe systemic loxoscelism, ischemic brain injury associated with, 435
Sexually transmitted infections, prevalence of, among adolescents, 42
SIAHD syndrome, secondary to West Nile meningoencephalitis, 211
Sialidase enzyme of Aspergillus fumigatus, pulmonary microvascular endothelial disruption, 548
Sialidase enzyme, secreted by aspergillus fumigatus in pulmonary artery (PA) and microvascular (MV) endothelial cells disruption, 347
Sibling visitation, rate of nosocomial infections in NICU, 563
Sick visits and offering catch-up vaccinations, immunization records of children at, 527
Sickle cell disease (SCD) cardiopulmonary bypass without exchange transfusion in, 267
pediatric education for patients with, 232
red blood cell transfusion and red blood cell exchange in, 407
thromboelastometry findings, 530
transition of care and existing challenges in adolescents with, 46
siRNA PTEN, insulin signaling, 504
Skeletal muscle wasting and cachexia, implications for treatment of, 473
Skin cancer, protection from, 167
Skin manifestations, metastatic lung cancer, a case report, 531
SLC6A8 mediates cellular uptake, creatine, 561
Smoking and pulmonary hypoplasia, secondary to intracranial pathology fluid disruption, 347
Surfactant protein A deficiency, with increased neovascularization oxygen induced retinopathy, in mouse model, 446
Systemic inflammatory response syndrome, with clinical outcomes of pediatric pneumonia patients, 45
Systemic lupus erythematosus (SLE) in associations with advanced glycation end products (AGES), 389
in associations with smoking and secondhand smoke, compared with controls and disease damage, 382
eosinophilic gastroenteritis and, 161
cyclophosphamide in patients with, 484
pericardial tamponade as first presentation of, 71
Sternocleidomastoid muscle atrophy, secondary to brachial plexus birth palsy, 211
Streptococcus pyogenes, with rheumatic fever, 420
Streptococcus constellatus, vertebral osteomyelitis due to, 53
Suberosal eosinophilic gastroenteritis, presenting with abdominal pain and distension, 95
Sulfonylurea-associated hypoglycemia identification, targeted electronic alert, 522
Superior mesenteric artery syndrome, a case report, 513
Surfactant protein A deficiency, with increased neovascularization oxygen induced retinopathy, in mouse model, 446
Surreptitious drug ingestion, ventricular tachycardia etiology attributed to, 141
Sweet syndrome, challenge of diagnosing a variant in amyopathic dermatomyositis, 485
Syndrome of inappropriate antidiuretic hormone (SIADH) ovarian serous carcinoma, cause of, 331
secondary to intracranial pathology fluid restriction may not cut it, 324
Synthetic cannabinoids (SC), associated with acute kidney injury (AKI), 321
Systemic inflammatory response syndrome, with clinical outcomes of pediatric pneumonia patients, 45
Systemic lupus erythematosus (SLE) in associations with advanced glycation end products (AGES), 389
in associations with smoking and secondhand smoke, compared with controls and disease damage, 382
eosinophilic gastroenteritis and, 161
cytophosphamide in patients with, 484
pericardial tamponade as first presentation of, 71

T(8;9)(P22;P24), simple translocation or new disease, 405
Tacrolimus and ketoconazole, coadministration associated with acute rejection, in kidney transplant patients, 342
Takotsubo cardiomyopathy, associated with hyperthyroidism treated with thyroidectomy, 91
TCR CD8β diversity, role of DJ β germline sequence on, 377
Telaprevir, for hepatitis C virus infection, 546
Testicular adrenal rest tumors, in two siblings sequence on, 377
Telavancin, for methicillin-resistant Staphylococcus aureus (MRSA), 540
Tesofentin, in association with anxiety disorder, 321
Thalassemia major, identification, targeted electronic alert, 522
Thoracic aortic aneurysm (TAAD), and literature review of, 253
Thrombin, for non-ST-segment elevation myocardial infarction (NSTEMI), 352
Thrombolysis, associated with severe stroke, in treatment of acute ischemic stroke, 293
Thrombocytopenia, in association with acute kidney injury, 577
Thoracic aortic aneurysm (TAAD), and literature review of, 253
Thrombotic thrombocytopenia and hyperbilirubinemia associated with acute kidney injury, with leptospirosis infection, in New Orleans, 333
Influenza type B with, 206
Thromboelastometry findings, in Sickle cell disease, 530
Thrombosed umbilical vein varix, with associated tetralogy, 294
Thy-1 gene expression, with epigenetic modification induced by transforming growth factor beta 1 (TGFβ1), in primary lung fibroblasts, 309
Thyroidectomy, takotsubo cardiomyopathy associated with hyperthyroidism treated with, 91
TNF-α induced insulin resistance, 146
induced insulin resistance, siRNA knockdown of PTEN, 504
Tobacco smoking, strengthens the association between high blood pressure and arterial wall stiffness, 110
Toll-like receptor (TLR) pathways, in Group B Streptococcus (GBS) sepsis, azithromycin modulating inflammation via, 223
Topiramate and phentermine, for obesity treatment, 500
Total knee arthroplasty, Pasteurella multocida cellulitis of knee in patient with, 98
Toxic belch, risk to health care team, 75
Transient left ventricular apical ballooning syndrome, case analysis and literature review of, 76
Transient ischemic dilation, prognostic value, 450
Transient left ventricular apical ballooning syndrome, case analysis and literature review of, 76
Travel medicine, and hemoglobinopathies, 102
Tracheal aspirates in ventilator-associated pneumonia patients, 313
Tracheostomies, in neonatal intensive care unit (NICU), followed by hospital readmissions, 307
Tracheostomy-related sinus bradycardia, a case of internal carotid massage, 136
Transcription factors Nrf2 and PU.1 activate antioxidant and immune defenses, in alveolar macrophage, 454
Transcutaneous bilirubinometry, during & after phototherapy in preterm infants, 281
Transfusion associated necrotizing enterocolitis (TANEC), in very low birth weight infants, 284
Transfusion-related acute lung injury (TRALI), early recognition and supportive care for, 78
Transient ischemic dilation, prognostic value with myocardial perfusion imaging in left ventricle, using regadenoson, 393
Transient left ventricular apical ballooning syndrome, case analysis and literature review of, 76
Travel medicine, and hemoglobinopathies, 102
Tricupsid valve avulsion, diagnosis associated with blunt chest wall and cardiac trauma, 135
Trichonin, clinical utility in patients admitted with syncope, 111
Trichomonas with high-sensitivity, in relation with obstructive coronary artery disease (CAD) diagnosis, 392
Tuberculosis (TB) broncho-centric granulomatosis in two year old with, 243
case finding, among people living with HIV, 544
Tuberous sclerosis, group C streptococci sepsis, in pediatric patient with, 32
Tubulointerstitial nephritis (TIN), with IgG4 associated with, 223
Tuberculosis (TB) very low birth weight (VLBW) increasing enteral protein intake, 551
infants, with protein intake improvement growth, 534
mineral and bone health outcomes with vitamin D supplementation, 553
Videolaryngoscopy, pediatric airway simulation model development study using, 427
Vincristine, for medullary renal cell carcinoma, a case report, 537
Vitamin D deficiency, not precipitate adverse muscle symptoms in statins, 477
supplementation, for prevention of respiratory morbidity, 285
supplementation, mineral and bone health outcomes with, 553
and supra-therapeutic 25(OH)D, 578
Vomiting post head trauma, four month old with, 256
Waardenburg syndrome in child with congenital hearing loss, vomiting, constipation, and failure to thrive, 252
Warfarin-induced skin necrosis (WISN), in patient with heparin-induced thrombocytopenia, 37
Wegener’s granulomatosis (WG), causing upper respiratory morbidity, 285
associated with cardiovascular risk factors, 564
and weight gain on outcomes in, 564
and weight gain on outcomes in, 564
Weight loss in pre-diabetic obese subjects, high carbohydrate diet, 503
in pre-diabetic obese subjects, high protein diet, 503
Weight management, phentermine and topiramate in, 500
Wellens’ sign, ECG sign of coronary (widow maker) artery disease, 19
West Nile meningocellitis, SIADH syndrome secondary to, 211
West Nile virus encephalitis, masked by alcohol withdrawal, 204
White matter hyperintensities in brain associated with cardiovascular risk factors, predicted spatial distribution of, 437
Yersinia enterocolitica, infection in previously healthy female, 219
Young adults, survivorship analysis for cancer in, 533
Zinc deficiency, in infant drinking rice milk, 261