

Aquifer Family Medicine

40 cases, including 33 Family Medicine cases, 4 Pediatrics cases, and 2 Internal Medicine cases.
Covering the Society of Teachers of Family Medicine clerkship curriculum.

Case	Differential Diagnosis	Final Diagnosis
Family Medicine 01: 45-year-old female wellness visit	N/A	Women's health maintenance exam
Family Medicine 02: 55-year-old male wellness visit	N/A	Men's health maintenance exam
Family Medicine 03: 65-year-old female with insomnia	N/A	Depression
Family Medicine 04: 19-year-old female with sports injury	Lateral ankle sprain, medial ankle sprain, syndesmototic sprain, peroneal tendon tear, fibular fracture, tibial fracture, talar dome fracture, subtalar dislocation, arthritis	Ankle sprain, dysuria
Family Medicine 05: 30-year-old female with palpitations	Cardiac dysrhythmias, anxiety / panic disorder, dehydration / hypovolemia, anemia, aortic stenosis, hyperthyroidism, drug abuse (including caffeine)	Graves disease
Family Medicine 06: 57-year-old female diabetes care visit	N/A	Type 2 diabetes mellitus
Family Medicine 07: 53-year-old male with leg swelling	Muscle strain, lymphedema, cellulitis, popliteal cyst, deep venous thrombosis, venous insufficiency, peripheral arterial disease	Deep vein thrombosis (DVT)
Family Medicine 08: 54-year-old male with elevated blood pressure	N/A	Hypertension
Family Medicine 09: 50-year-old female with palpitations	Dysrhythmia, valvular heart disease, hyperthyroidism, anxiety/panic attack, coronary artery disease, vasomotor symptoms of the climacteric, anemia, pulmonary embolism, illicit drug use	Anxiety disorder
Family Medicine 10: 45-year-old male with low back pain	Lumbar strain, lumbar disc herniation, spinal stenosis, degenerative arthritis, spinal fracture, cauda equina syndrome, pyelonephritis, ankylosing spondylitis, spondylolisthesis, prostatitis	Back pain with herniated disk
Family Medicine 11: 74-year-old female with knee pain	Knee sprain, osteoarthritis, lyme disease, rheumatoid arthritis, gout/pseudogout, septic arthritis, baker's cyst, psoriatic arthritis, ankylosing spondylitis, systemic lupus erythematosus	Osteoarthritis, carpal tunnel syndrome
Family Medicine 12: 16-year-old female with vaginal bleeding and UCG	Spontaneous abortion (miscarriage), ectopic pregnancy, molar pregnancy (gestational trophoblastic disease), vaginal trauma, cervical abnormalities (e.g., excessive friability, malignancy, polyps, trauma), idiopathic bleeding in a viable pregnancy	Miscarriage

Family Medicine 13: 40-year-old male with a persistent cough	Asthma, non-asthmatic eosinophilic bronchitis, vocal cord dysfunction, chronic obstructive pulmonary disease (COPD), gastroesophageal reflux disease	Asthma, chronic sinusitis
Family Medicine 14: 35-year-old female with missed period	N/A	Prenatal care
Family Medicine 15: 42-year-old male with right upper quadrant pain	Cholecystitis, biliary colic, pneumonia or pleurisy, myocardial infarction, renal pain or colic, duodenal ulcer pyelonephritis, hepatitis, acute pancreatitis, herpes zoster, appendicitis	Biliary colic
Family Medicine 16: 68-year-old male with skin lesion	Eczema (dermatitis), psoriasis, squamous cell carcinoma of the skin, actinic keratosis, basal cell carcinoma of the skin, melanoma, lichen planus, seborrheic keratosis, fungal skin infection	Skin cancer, benign prostatic hypertrophy
Family Medicine 17: 55-year-old postmenopausal female with vaginal bleeding	Cervical polyp, endometrial hyperplasia, hormone-producing ovarian tumor, endometrial cancer, proliferative endometrium, physiologic uterine bleeding	Menopause
Family Medicine 18: 24-year-old female with headaches	Migraine headache, tension-type headache, cluster headache, bacterial meningitis, Intracranial hemorrhage, brain tumor, medication overuse headache, headache due to anxiety disorder or depression	Migraine headache
Family Medicine 19: 39-year-old male with epigastric pain	Anxiety, pneumonia, gastroesophageal reflux disease (GERD), abdominal wall muscle strain, acute pancreatitis, peptic ulcer disease (PUD), diverticulitis, angina pectoris, gastritis	H. pylori gastritis
Family Medicine 20: 28-year-old female with abdominal pain	Gallbladder disease, gastritis, irritable bowel syndrome, inflammatory bowel disease peptic ulcer disease, urinary tract infection, vaginitis	Domestic violence, trichomonas vaginitis
Family Medicine 21: 12-year-old female with fever	community acquired pneumonia, viral pneumonia, atypical pneumonia, acute bronchitis, influenza, viral upper respiratory tract infection, asthma exacerbation, streptococcal pharyngitis, bronchiolitis	Influenza, obesity
Family Medicine 22: 70-year-old male with new-onset unilateral weakness	Brain tumor, seizure, hypoglycemic episode, stroke, transient ischemic attack (TIA), coronary artery disease, temporal arteritis, hypokalemic periodic paralysis, medication side effects, hemiplegic migraine	Atrial fibrillation, transient ischemic attack (TIA)
Family Medicine 23: 5-year-old female with sore throat	Epiglottitis, viral pharyngitis, pertussis, infectious mononucleosis, group A Beta-hemolytic Streptococcus (GABHS) pharyngitis, retropharyngeal abscess, viral croup, allergic rhinitis/pharyngitis	Streptococcal pharyngitis, health maintenance
Family Medicine 24: 4-week-old female with fussiness	Pyloric stenosis, intussusception, milk allergy, colic, gastroesophageal reflux, infection, failure to thrive	Colic, postpartum depression in mother

Family Medicine 25: 38-year-old male with shoulder pain	Rotator cuff tendinopathy, impingement/subacromial bursitis, rotator cuff tear, biceps tendinopathy, degenerative glenohumeral arthritis, shoulder instability, acromioclavicular (AC) joint separation, labral tear, adhesive capsulitis	Rotator cuff tendinopathy
Family Medicine 26: 55-year-old male with fatigue	Depression, obstructive sleep apnea, diabetes mellitus, anemia, occult malignancy, sleep restriction (i.e., physiologic fatigue), hypothyroidism, coronary artery disease, chronic fatigue syndrome	Iron deficiency anemia, colon cancer
Family Medicine 27: 17-year-old male with groin pain	Trauma, testicular torsion, epididymitis, inguinal hernia, hydrocele, henoch-schonlein purpura, torsion of the appendages, tumor, varicocele, referred pain	Testicular torsion
Family Medicine 28: 58-year-old male with shortness of breath	Acute bronchitis, angina, asthma, bronchiectasis, chronic obstructive pulmonary disease (COPD), congestive heart failure (CHF), lung cancer, panic disorder, pneumonia, pulmonary embolism (PE), pulmonary tuberculosis	Chronic obstructive pulmonary disease (COPD)
Family Medicine 29: 72-year-old male with dementia	Electrolyte disturbance, depression, urinary tract infection, withdrawal, respiratory infection, pain, cerebrovascular event, urinary retention*, adverse drug effects	Delirium, urinary tract infection, caregiver stress
Family Medicine 30: 27-year-old female labor and delivery	N/A	Normal labor and vaginal delivery of full term infant
Family Medicine 31: 66-year-old female with shortness of breath	Myocardial infarction (MI), anemia, arrhythmia, ischemic cardiomyopathy, non-ischemic cardiomyopathy, pulmonary embolism, diastolic dysfunction, thyroid dysfunction, valvular disease	New onset diastolic congestive heart failure
Family Medicine 32: 33-year-old female with painful periods	Adenomyosis, cervical stenosis, chronic pelvic inflammatory disease, endometriosis, leiomyoma (fibroids), inflammatory bowel disease, irritable bowel syndrome, ovarian cysts, psychiatric illness, uterine polyps, primary dysmenorrhea, endometrial adenocarcinoma, leiomyosarcoma	Secondary dysmenorrhea due to leiomyomas
Family Medicine 33: 28-year-old female with dizziness	Anemia, anxiety, benign paroxysmal positional vertigo (BPPV), cardiac arrhythmia, cerebellar infarct, Meniere's disease, orthostatic hypotension, acute labyrinthitis, transient ischemic attack (TIA), vestibular migraine, vestibular neuritis	Acute vestibular neuritis
Internal Medicine 02: 60-year-old female with chest pain	Angina, myocardial infarction, GERD, pulmonary embolism	Stable angina pectoris
Internal Medicine 16: 45-year-old male who is overweight	N/A	Obesity, Dyslipidemia

Pediatrics 01: Newborn male infant evaluation and care	maternal tobacco use; poor maternal nutrition; fetal alcohol syndrome; chromosomal abnormalities; prematurity; congenital infection	SGA newborn due to poor maternal nutrition and tobacco use
Pediatrics 02: Infant female well-child visits (2, 6, and 9 months)	hepatic neoplasm, hydronephrosis, neuroblastoma, teratoma, Wilms tumor Final Diagnosis: neuroblastoma	
Pediatrics 03: 3-year-old male well-child visit	N/A	iron deficiency, eczema, dental caries
Pediatrics 04: 8-year-old male well-child check	N/A	obesity, elevated blood pressure, ADHD
Pediatrics 13: 6-year-old female with chronic cough	asthma, allergic rhinitis, sinusitis, gastroesophageal reflux, tuberculosis, atypical pneumonia	moderate persistent asthma