

Major diagnosis and content areas of the 40 online cases that constitute the formal curriculum of the UWSOM Family Medicine Clerkship

FMCases (1 thru 33), CLIPP (1,2,3,4,13) and SIMPLE (2,16)

FMCases Case# 1

45-year-old female annual exam - Mrs. Payne

Major Diagnosis: Preventive Care

Content areas:

1. Screening: principles and testing
2. Breast cancer: risk factors, screening, and physical exam
3. Cervical cancer: risk factors, screening, and physical exam
4. Osteoporosis: risk factors, screening, and physical exam
5. Adult immunizations
6. Menopause

FMCases Case# 2

55-year-old male annual exam - Mr. Reynolds

Major Diagnosis: Preventive Care

Content areas:

1. Characteristics of a good screening test.
2. Cancer screening recommendations for adult males (lung, colon, prostate)
3. Nutrition and Obesity
4. Recommendations for adult vaccinations
5. Smoking cessation
6. Principles of behavioral change counseling

FMCases Case# 3

65-year-old female with insomnia - Mrs. Gomez

Major Diagnosis: Depression

Content areas:

1. Insomnia in the elderly
2. Major Depressive Disorder (MDD): differential diagnosis, workup, community impact, treatment
3. Elder abuse
4. Supplements
5. Impact of culture on disease presentation

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FMCases Case# 4

19-year-old female with sports injury - Christina Martinez

Major Diagnosis: Ankle Sprain

Content areas:

1. Ankle pain: differential, history, physical, workup, treatment of strain/sprain; when to refer
2. Joint pain, rule out threat to life/limb
3. Injury prevention

FMCases Case# 5

30-year-old female with palpitations - Ms. Waters

Major Diagnosis: Hyperthyroidism

Content areas:

1. Palpitations
2. Hyperthyroid: presentations, physical, common causes, evaluation, treatment, followup

FMCases Case# 6

57-year-old female presents for diabetes care visit - Ms. Sanchez

Major Diagnosis: Diabetes

Content areas:

1. Impact of psychosocial, cultural, health literacy, and family data on health
2. Type 2 Diabetes: diagnosis, monitoring, drug management, standards of care, education
3. Systems: barriers to care, inter-professional teams, EMR, quality assurance

FM Cases Case# 7

53-year-old male with leg swelling - Mr. Smith

Major Diagnosis: Deep Vein Thrombosis (DVT)

Content areas:

1. DVT: differential, risk factors, physical, diagnosis, management
2. Vascular disease: presentation, risk factors
3. Chronic disease management

FMCases Case# 8

54-year-old male with elevated blood pressure - Mr. Martin

Major diagnosis: Hypertension

Content areas:

1. Hypertension: screening, physical exam, diagnosis, staging, associated conditions, laboratory workup, treatment, counseling, lifestyle modifications, prognosis
2. Health Systems: communication with patient, family and team.
3. Cost effective and evidence based treatment plans

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FMCases Case# 9

50-year-old female with palpitations - Ms. Yang

Major diagnosis: Anxiety disorder

Content areas:

1. Chest pain and palpitations: history, differential, physical
2. Coronary Heart Disease (CHD): risk factors, role of exercise stress testing, lipid goals

FMCases Case# 10

45-year-old male presenting with low back pain - Mr. Payne

Major diagnosis: Back strain, Herniated disc

Content areas:

1. Low back pain: differential, physical, diagnosis, treatment, red flags, appropriate imaging studies, when to consult

FMCases Case# 11

74-year-old female with knee pain - Ms. Roman

Major Diagnosis: Osteoarthritis

Content areas:

1. Knee pain: history, exam, differential, appropriate imaging
2. Osteoarthritis: treatment plan, meds and side effects
3. USPSTF recommendations for adult screening

FMCases Case# 12

16-year-old female with vaginal bleeding and UCG - Savannah Bauer

Major Diagnosis: Inevitable Abortion

Content areas:

1. Preconception counseling
2. Chlamydia screening
3. Adolescent interviewing (HEEADSS)
4. Early pregnancy: diagnosis (including intrauterine, ectopic, miscarriage), options counseling, prenatal labs,
5. First trimester bleeding: workup and management

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FMCases Case# 13

40-year-old male with a persistent cough - Mr. Dennison

Major Diagnosis: Asthma, Sinusitis

Content areas:

1. Chronic cough, Wheezing
2. Asthma: history, physical, severity, comorbidities, medications, action plans, monitoring, education

FMCases Case# 14

35-year-old female with missed period - Ms. Rios

Major Diagnosis: Pregnancy and Postpartum care

Content areas:

1. Pregnancy: diagnosis, EDC, symptoms, common problems, preventive measures, screening for complications
2. Gestational diabetes
3. Vaginal discharge and bleeding in pregnancy
4. Postpartum counseling and contraception

FMCases Case# 15

42-year-old male with right upper quadrant pain - Mr. Keenan

Major Diagnosis: High risk alcohol use, Biliary colic

Content areas:

1. RUQ abdominal pain: history and physical, differential, workup
2. Substance abuse screening and counseling
3. Biliary tract disease management

FMCases Case# 16

68-year-old male with skin lesion - Mr. Fitzgerald

Major Diagnosis: Skin Cancer

Content areas:

1. Skin lesions: Description using appropriate terminology; ABCDE of melanoma
2. Treatment of common skin findings
3. Skin cancer: risk factors, prevention, biopsy, treatment of SCC
4. BPH: initial workup and management

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FMCases Case# 17

55-year-old, post-menopausal female with vaginal bleeding - Mrs. Parker

Major Diagnosis: Menopause, postmenopausal bleeding

Content areas:

1. Menopause: definition, common symptoms and treatment options
2. Postmenopausal bleeding: differential, workup, followup
3. Osteoporosis: risk factors, screening, prevention, treatment
4. Cancer screening for women over 50

FMCases Case# 18

24-year-old female with headaches - Ms. Payne

Major Diagnosis: Migraine headache

Content areas:

1. Headache: differential, history, neuro exam, indications for imaging, prevention and treatment
2. Migraine: typical presenting symptoms, prevention, treatment
3. Chronic headache

FMCases Case# 19

39-year-old male with epigastric pain - Mr. Rodriguez

Major Diagnosis: H. pylori, Peptic ulcer

Content areas:

1. Peptic ulcer disease: differential, diagnosis
2. H. pylori gastritis
3. Use of interpreters

FMCases Case# 20

28-year-old female with abdominal pain - Ms. Bell

Major Diagnosis: Abdominal pain, contraception, DV

Content areas:

1. Culturally sensitive history taking
2. Domestic violence: symptoms, clues, safety plans, mandatory reporting requirements, local resources, barriers to care
3. Abdominal and pelvic pain: differential

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FMCases Case# 21

12-year-old female with fever - Marissa Payne

Major Diagnosis: Influenza, pneumonia, obesity

Content areas:

1. Acute respiratory illness: H&P, appropriate diagnostic studies, treatment
2. Pneumonia: common findings
3. The student will be able to take a thorough history and perform an appropriate physical exam in the setting of an acute respiratory illness.
4. Obesity: BMI, counseling, complications

FMCases Case# 22

70-year-old male with new-onset unilateral weakness - Mr. Wright

Major Diagnosis: TIA, Atrial fibrillation

Content areas:

1. TIA and stroke: signs and symptoms, lab data, therapy, primary and secondary prevention
2. Lipid control: ATP III guidelines
3. Communication with patients and families of diverse backgrounds
4. Depression evaluation
5. Functional capacity of elderly adults

FMCases Case# 23

5-year-old female with sore throat - Althea Newman

Major Diagnosis: Strep throat, ADHD, well child

Content areas

1. Pharyngitis: Evaluation and management
2. Group A Strep: clinical prediction rules, appropriate abx use, complications
3. Pediatric health maintenance, including screening for obesity and anemia
4. Pediatric immunizations: requirements and contraindications
5. Understand the health maintenance visit for a 5-year- old.
6. ADHD in children

FMCases Case# 24

4-week-old female with fussiness - Amelia Arlington

Major Diagnosis: Infantile Colic, Newborn exam

Content areas:

1. Newborn infant: history taking, physical, growth charting, behavioral norms, health risk assessment
2. Fussiness: differential and colic
3. Postpartum blues and depression: screening and assessment
4. Family systems and parenting

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FMCases Case# 25

38-year-old male with shoulder pain - Mr. Chen

Major Diagnosis: Shoulder Pain

Content areas

1. How to be a good part of the healthcare team and precept effectively with attendings
2. Patient interactions: open ended questions, partnership with patient
3. Shoulder pain: physical exam

FMCases Case# 26

55-year-old male with fatigue - Mr. Cunha

Major Diagnosis: Fatigue, cancer screening

Content areas:

1. Fatigue: differential, lab workup
2. USPSTF cancer screening recommendations, principles of epidemiology as related to screening
3. Patient centered counseling re: screening, prevention
4. Iron deficiency anemia: evaluation and management
5. Delivering bad news, longitudinal therapeutic relationships

FMCases Case 27

17-year-old male with groin pain - Andrew Hailey

Major Diagnosis: Scrotal pain, Sexually Transmitted Infections (STI)

Content areas:

1. Testicular and Scrotal pain: history, physical, differential, workup
2. STIs: common presentations in males, counseling and prevention
3. Testicular cancer: epidemiology, screening recommendations

FMCases Case# 28

58-year-old male with shortness of breath - Mr. Barley

Major Diagnosis: Chronic Obstructive Pulmonary Disease

Content areas:

1. Shortness of breath and cough
2. COPD: H&P, diagnosis, treatment, counseling
3. Smoking cessation counseling
4. Pulmonary function tests: indication and interpretation

FMCases Case# 29

72-year-old male with dementia - Mr. Marshall

Major Diagnosis: Dementia

Content areas:

1. Dementia: functional status, management options, caregiver stress and resources, differentiation with delirium and depression
2. Screening for cognitive loss: indication, instruments, interpretation
3. Acute altered mental status in dementia: differential, interventions

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FMCases Case# 30

Labor and delivery - Mrs. Gold

Major Diagnosis: Active labor

Content areas:

1. Prenatal care and impact of culture on care
2. Active labor: diagnosis and management
3. Pre-eclampsia: diagnosis and management
4. Breastfeeding

FMCases Case# 31

66-year-old female with shortness of breath - Mrs. Hernandez

Major Diagnosis: Coronary Artery Disease, Congestive Heart Failure

Content areas:

1. Coronary Artery Disease: risk assessment, history, physical, counseling
2. Congestive heart failure: history, physical, workup, precipitating factors
3. Impact of psycho-social stressors on health behaviors and disease presentation
4. Importance of self-reflection in practice of medicine

FMCases Case# 32

33-year-old female with painful periods – Ms. Tomlin

Major Diagnosis: Dysmenorrhea

Content areas:

1. Dysmenorrhea: risk factors, differential, history, physical, workup
2. Menorrhagia
3. Premenstrual syndrome: evaluation and treatment
4. Intrauterine devices

FMCases Case 33

28-year-old female with dizziness - **Mrs. Saleh**

Major Diagnosis: URI, dizziness

Content areas:

1. URI: causes, treatment, appropriate antibiotic use
2. Cultural sensitivity: empathy, communication, treatment plans
3. Dizziness: vertigo, presyncope, disequilibrium; differential, exam maneuvers, appropriate use of imaging, treatment options

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CLIPP (Pediatrics) Case 1

Evaluation and care of the newborn infant - Thomas

Major Diagnosis: Newborn Infant

Content areas:

1. Benefits of feeding human breast milk to infants.
2. Maternal prenatal history as it relates to the health of the child.
3. Intrauterine factors that affect the growth of the fetus.
4. Newborn screening for TORCH infections and maternal-to-fetus HIV transmission.
5. Evaluation of gestational age and stability at birth (e.g., the Ballard score and Apgar score).
6. Medications routinely given to all newborns.

CLIPP (Pediatrics) Case 2

Infant well-child (2,6, and 9 months) - Asia

Major Diagnosis: Well Child Visit (2, 6 and 9 months)

Content areas:

1. Growth patterns and developmental milestones in infants up to 9 months of age.
2. Nutritional requirements for appropriate growth for infants at ages 2, 6, and 9 months.
3. Anticipatory guidance and preventive care during the well visits, including immunizations.
4. Differential diagnosis and evaluation plan for an asymptomatic abdominal mass in an infant.

CLIPP (Pediatrics) Case 3

3-year-old, well child check - Benjamin

Major Diagnosis: Well child visit (3 year old)

Content areas:

1. Key components and approaches to a toddler well-child visit, including:
 - o Agenda setting in a well child visit.
 - o Nutritional assessment and recommendations.
 - o Dental health and common factors leading to childhood caries.
 - o Developmental assessment and screening tests
 - o Physical examination tailored to the age and mood of the child.
 - o Topics for anticipatory guidance, such as safety.
2. Developmental milestones for children between the ages of 3 and 5 years old.
3. Eczema diagnosis and management.
4. Anemia in an asymptomatic child approach to diagnosis and treatment of iron-deficiency anemia.

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CLIPP (Pediatrics) Case 4

8-year old, well child check - Jimmy

Major Diagnosis: Well Child Visit (8 year old)

Content areas:

1. Childhood obesity.
2. Typical presentation of attention-deficit hyperactivity disorder (ADHD).
3. Conditions that contribute to a child's failure in school.
4. Initial evaluation of childhood hypertension.
5. Routine components of a health maintenance visit for a school-aged child.

CLIPP (Pediatrics) Case 13

6-year-old with chronic cough - Sunita

Major Diagnosis: Pediatric Asthma

Content areas:

1. Evaluation of chronic cough in a school age child.
2. Atopic diathesis and its relationship to allergies and asthma.
3. Management of allergic rhinitis.
4. Diagnostic work-up for a patient suspected of having asthma.
5. Asthma severity criteria (NIH/NAEPP) and stepwise management.
6. Asthma action plan and Web-based pediatric asthma resources.

SIMPLE (Internal Medicine) Case 2

60-year-old woman with episodic chest discomfort - Ms. Johnston

Major Diagnosis: Angina, Atherosclerotic Cardiovascular Disease (ASCVD)

Content areas:

1. Symptoms and signs of chest pain characteristic of angina pectoris, atypical angina, or non-cardiac chest pain.
2. Diagnostic workup of chest pain.
3. Primary and secondary prevention of ischemic heart disease.
4. Treatment of Angina.

SIMPLE (Internal Medicine) Case 16

Case45-year-old man with obesity - Mr. James

Major Diagnosis: Obesity, Hyperlipedemia

Content areas:

1. Health implications and risk factors of obesity.
2. Daily caloric requirement to maintain current weight and for weight loss.
3. Etiologies of primary and secondary dyslipidemias.
4. Dyslipedemia screening recommendations in adults.
5. Management of common dyslipidemias, including therapeutic lifestyle changes.