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:
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, follow-up

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

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

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:**
2. Maternal prenatal history as it relates to the health of the child.
3. Intrauterine factors that affect the growth of the fetus.
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:
   - Agenda setting in a well child visit.
   - Nutritional assessment and recommendations.
   - Dental health and common factors leading to childhood caries.
   - Developmental assessment and screening tests
   - Physical examination tailored to the age and mood of the child.
   - 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.
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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, Hyperlipidemia**
**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.
5. Management of common dyslipidemias, including therapeutic lifestyle changes.