

General Attitudes

MS1 Courses

Competency Topic	Description	Course	Method
Myths and Stereotypes	Communicating with an older patient	Physical Diagnosis	Lecture
Myths and Stereotypes	Discussion of stereotyping and heterogeneity of older populations	Nutrition	Lecture
Heterogeneity	In longevity, cognition, personality, mood	Psychiatry	Lecture
Heterogeneity	Nutrition can have a significant impact on the rate of aging	Nutrition	Lecture
Openness and willingness to work with other disciplines	Interdisciplinary health care team	Doctor/Patient Relationship	Lecture
Openness and willingness to work with other disciplines	Working with teams of health care providers	Social Medicine	Small Group
Compassion	Developing empathetic connections between physicians and patients; nonverbal communication	Doctor/Patient Relationship	Lecture
Compassion	Communicating with an older patient	Physical Diagnosis	Lecture
Attitude Toward a Career in Geriatrics	Attitude Toward a Career in Geriatrics	Survey	Survey
Attitudes Toward the Elderly	Attitudes Toward the Elderly	Survey	Survey
Geriatrics Attitudes Scale	UCLA Geriatrics Attitudes Scale	Survey	Survey

MS2 Courses

Competency Topic	Description	Course	Method
Openness and willingness to work with other disciplines	Essential for comprehensive geriatric assessments; isolated interventions are generally of minimal benefit	Geriatrics	Lecture
Improving and Optimizing Function	Goal of geriatric medicine is to maximize function, decrease decline and improve quality-of-life; older patients want to remain independent	Geriatrics	Lecture
Improving and Optimizing Function	Screening functional status	Physical Diagnosis	Lecture

General Knowledge-Related to the Basic Sciences

MS1 Courses

Competency Topic	Description	Course	Method
Demography and Epidemiology	Increasing numbers; life expectancy	Psychiatry	Lecture
Demography and Epidemiology	The future of medicine; community-oriented primary care	Social Medicine	Lectures

General Knowledge-Related to the Basic Sciences (continued)

MS1 Courses

Competency Topic	Description	Course	Method
Demography and Epidemiology	Healthy nutritional lifestyle can improve life expectancy and quality of life	Nutrition	Module
Theories of Aging	Caloric restriction; reactive oxygen species; post-translational modification of proteins: glycosylation	Biochemistry	Lecture
Theories of Aging	Premature aging syndromes and telomere shortening	Hematology	Lecture
Theories of Aging	Aging, immunology and immunosenescence; oxidative stress; cytokine dysregulation	Immunology	Lecture
Theories of Aging	Free radicals	Pathology	Lecture
Theories of Aging	Oxidative stress; caloric restriction	Nutrition	Module
"Normal" Aging is Heterogeneous	Longevity and cognition, personality, and mood	Psychiatry	Lecture
"Normal" Aging is Heterogeneous	Loss of lean body mass and aging	Nutrition	Module
Preventable, Treatable Aging Processes	Disuse atrophy	Physiology	Lecture
Preventable, Treatable Aging Processes	Sun exposure of skin and aging	Histology	Lecture
Preventable, Treatable Aging Processes	Nutrition health behaviors and successful aging; nutritional recommendations; strength training and healthy aging; vitamin intake and aging	Nutrition	Module
Anatomic and Histologic Changes	Neuronal tissue histology correlated with Alzheimer's and Parkinson's disease	Histology	Lecture
Pathology	Aging cartilage; osteoporosis	Histology	Lecture
Pathology	Immunobiology of aging	Immunology	Lecture
Pathology	Increasing frequency of urinary tract infections with increasing age	Microbiology	Lecture
Pathology	Alzheimer's disease and neurofibrillary tangles/amyloid; brain and myocardial infarcts	Pathology	Lecture
Physiology	Electrolytes and water transport	Physiology	Lecture
Physiology	Changes in various organ systems with aging	Psychiatry	Lecture
Physiology	Decline is normal but varies markedly from system to system	Nutrition	Module
Pharmacologic Changes	Toxicity of amino glycosides; general emphasis on need for adequate renal function with antibiotics excreted by kidney; and caution for use in elderly who frequently have impaired renal clearance of many of these drugs	Microbiology	Lecture

General Knowledge-Related to the Basic Sciences (continued)

MS1 Courses

Competency Topic	Description	Course	Method
Pharmacologic Changes	Biologic changes affecting pharmacologic treatment	Psychiatry	Lecture
Pharmacologic Changes	Clinical pharmacokinetics - altered drug elimination in elderly; changes in volume of distribution with age; factors mitigating against medication compliance	Pharmacology	Lecture

MS2 Courses

Demography and Epidemiology	Demographic imperative	Geriatrics	Lecture
"Normal" Aging is Heterogeneous	Occurs at varying rates among individuals and within	Geriatrics	Lecture
Preventable, Treatable Aging Processes	Normal aging isn't always disease but lifestyle and prevention significantly affect aging; priority of geriatric medicine is to maximize function and quality of life	Geriatrics	Lecture
Loss of Homeostasis	Impaired with aging	Geriatrics	Lecture
Loss of Homeostasis	74 yo male with fractures resulting in increased risk for frailty	Geriatrics	Small Group
Anatomic and Histologic Changes	Temporal lobe lesions and aphasia	Neuroanatomy	Multi-disciplinary case
Pathology	Disorders of autonomic nervous system with age; brain lesions and visuospatial deficits; deficits of cerebral cortex; Alzheimer's disease	Neuroanatomy	Lecture
Pathology	Pathology cases - stroke; meningitis in elderly patient; Alzheimer's disease	Neurology	Small Group
Pathology	Sleep pathology; age-related macular degeneration; glaucoma; diabetic retinopathy; pathology of the degenerative diseases of the central nervous system (Alzheimer's, Parkinson's, dementia with Lewy bodies); stroke pathology	Neurology	Lecture
Pathology	Pathology of neurodegenerative diseases including Alzheimer's disease, Parkinson's disease and dementia with Lewy bodies; subdural hemorrhage; stroke (embolic and due to cerebral vascular disease); glioblastoma multiforme; 81 yo with meningitis; 68 yo male with probable Alzheimer's disease	Neuropathology	Lecture
Pathology	Pulmonary embolism and aging; obstructive sleep apnea	Pulmonary	Lecture
Pathology	Nursing home resident with pneumonia; elderly female with alkalosis and electrolyte disturbances; pulmonary embolism and aging; obstructive sleep apnea	Pulmonary	Small Group
Pathology	Osteoporosis; abnormal uterine bleeding; urinary incontinence	Reproductive	Lecture
Physiology	Baroreceptor reflex, hippocampus and memory	Neuroanatomy	Lecture
Physiology	Normal sleep physiology	Neurology	Lecture

General Knowledge-Related to the Basic Sciences (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Physiology	Neurotransmitters and receptors of the central nervous system	Neuropharmacology	Lecture
Physiology	Neurophysiology of post-herpetic neuralgia in older individuals	Neurophysiology	Lecture
Physiology	Decreasing FEV1/FVC with aging; DLCO variability and age	Pulmonary	Lecture
Physiology	Decreasing pulmonary capacities with age	Pulmonary Physiology	Lecture
Physiology	Menopause; pharmacology of estrogens and progestins and hormone replacement; male climacteric	Reproductive	Lecture
Physiology	Physiology of successful aging; functional limitations result from physiologic decline; chronic disease burden and lifestyle choices	Geriatrics	Lecture
Pharmacologic Changes	Age-associated physiologic changes that affect prescribing of medications	Geriatrics	Lecture
Pharmacologic Changes	68 yo woman and diminished creatinine clearance	Geriatrics	Small Group

General Knowledge-Related to the Clinical Practice

MS1 Courses

Competency Topic	Description	Course	Method
Dementia	Amyloid & relationship to Alzheimer's disease; aggregation of misfolded proteins in Alzheimer's and Parkinson's disease	Biochemistry	Lecture
Dementia	Alzheimer's disease	Genetics	Lecture
Dementia	Alzheimer's & Parkinson's diseases as major causes of death	Pathology	Lecture
Dementia	Alzheimer's disease and inheritance; cognition and aging	Psychiatry	Lecture
Depression	Mood disorders and neurotransmission; depression and associated medical diseases; depression and brain imaging; human aging; bereavement and grief	Psychiatry	Lecture
Falls	Fall statistics; subdural hematoma	Pathology	Lecture
Osteoporosis	Intrinsic (deep) muscles of the back and vertebral column (kyphosis)	Gross Anatomy	Lecture
Osteoporosis	Changes in resorption/formation of bone with aging	Histology	Lecture
Non-specific Presentation of Disease	Presentation of older patient with low white blood count with acute infection	Pathology	Lecture

MS2 Courses

Dementia	Mini-Mental State Examination	Neurology	Lecture
Dementia	Drugs for Alzheimer's disease; antipsychotics	Neuropharmacology	Lecture
Dementia	Screening for cognitive impairment	Physical Diagnosis	Lecture

General Knowledge-Related to the Clinical Practice (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Dementia	Risk factors; criteria; types; pathophysiology; diagnosis	Geriatrics	Lecture
Dementia	90 yo woman with hallucination, poor memory and propensity to fall; 90 man with poor memory	Geriatrics	Small Group
Inappropriate Prescribing of Medications	Side effects are accentuated in the elderly and certain medications contraindicated in the elderly	Geriatrics	Lecture
Depression	Drugs for treatment of depression	Neuropharmacology	Lecture
Depression	Screening for depression	Physical Diagnosis	Lecture
Depression	Presentation; diagnosis; suicide; evaluation; treatment options	Geriatrics	Lecture
Depression	84 yo woman hospitalized for two months with acute myocardial infarction now complicated by depression	Geriatrics	Small Group
Delirium	Coma and delirium	Neurology	Lecture
Delirium	Difficult diagnosis; criteria; assessment	Geriatrics	Lecture
Delirium	Hallucinating 90 yo woman	Geriatrics	Small Group
Falls	Gait disorders	Neurology	Lecture
Falls	Potential clinical case scenarios developed by students, includes suggestion of elderly patient with recurrent falls	Physical Diagnosis	Multi-disciplinary case
Falls	Screening for falls	Physical Diagnosis	Lecture
Falls	Cycle and prevention of falls; look for decline due to other organ systems	Geriatrics	Lecture
Osteoporosis	Pathogenesis of osteoporosis; clinical presentation of osteoporosis	Endocrinology	Lecture
Osteoporosis	Osteopenia; kyphosis due to compression fractures	Musculoskeletal Pathology	Lecture
Osteoporosis	Etiology of osteoporosis in the elderly	Geriatrics	Lecture
Alterations in Special Senses	Decreased smell and aging	Neuroanatomy	Lecture
Alterations in Special Senses	Hearing and balance disorders; testing visual acuity; glaucoma	Neurology	Lecture
Alterations in Special Senses	Age-related macular degeneration; pinguecula in elderly with sun exposure; glaucoma; cataracts; retinal disease in diabetes mellitus	Neuropathology	Lecture
Alterations in Special Senses	Small group exercise on glaucoma	Neuropharmacology	Small Group
Alterations in Special Senses	Treatment of glaucoma	Neuropharmacology	Lecture
Alterations in Special Senses	Presbyopia and cataracts; age-related macular degeneration; diabetic retinopathy; glaucoma; decreased hearing with age	Neurophysiology	Lecture
Failure to Thrive	Decline associated with frailty	Geriatrics	Lecture
Sleep Disorders	Sleep apnea; restless leg syndrome; depression	Neurology	Lecture
Sleep Disorders	Sedative/hypnotic drugs	Neuropharmacology	Lecture
Sleep Disorders	Analysis of sleep using EEG	Neurophysiology	Lecture
Sleep Disorders	EEG and sleep	Neurophysiology	Lab

Knowledge of Disease and Disorders

MS1 Courses

Competency Topic	Description	Course	Method
Rheumatologic Diseases	Glucosamine/chondroitin & osteoarthritis; gout	Biochemistry	Lecture
Rheumatologic Diseases	Myology of the upper limb (rotator cuff)	Gross Anatomy	Lecture
Rheumatologic Diseases	Dermatomyositis; age and malignancy	Pathology	Lecture
Genito-urological Diseases	Midgut and hindgut (colon cancer)	Gross Anatomy	Lecture
Neurological Diseases	Neurotransmitters and Parkinson's disease	Biochemistry	Lecture
Neurological Diseases	Stroke; Ach receptors; GABA receptors; L-DOPA & Parkinson's disease; neurotransmitter serotonin & depression	General Physiology	Lecture
Neurological Diseases	Multi-infarct dementia	Pathology	Lecture
Neurological Diseases	Parkinson's disease and neurotransmitters; psychological dimensions of aging	Psychiatry	Lecture
Cardiovascular Diseases	Acute myocardial infarction resulting from reduced oxygen supply	Biochemistry	Lecture
Cardiovascular Diseases	Heart and middle mediastinum (coronary artery disease); posterior abdominal wall (abdominal aortic aneurysm); superior and posterior mediastina (aortic aneurysm)	Gross Anatomy	Lecture
Cardiovascular Diseases	Increase of vascular resistance with aging	Histology	Lecture
Cardiovascular Diseases	Cardiovascular disease	Genetics	Lecture
Cardiovascular Diseases	Age as a risk factor for cardiovascular disease; aneurysm of aorta; peripheral vascular disease and claudication	Pathology	Lecture
Cardiovascular Diseases	Lidocaine dosing in older patient; antioxidants and heart disease	Pharmacology	Lecture
Endocrinological Diseases	Insulin resistance; type 2 diabetes mellitus	Biochemistry	Lecture
Endocrinological Diseases	Diabetes mellitus and aging	Histology	Lecture
Endocrinological Diseases	Diabetes mellitus	Genetics	Lecture
Cancer of Various Organs	Anterior thoracic wall; breast and lymphatic system (breast cancer); male reproductive system (benign prostatic hypertrophy and carcinoma of prostate)	Gross Anatomy	Lecture
Cancer of Various Organs	Prostate cancer	Histology	Lecture
Cancer of Various Organs	Hyperosmolar coma and non-insulin-dependent diabetes mellitus	Pathology	Lecture
Infections	Immunologic dysfunction and infection in elderly	Immunology	Lecture

Knowledge of Disease and Disorders (continued)

MS1 Courses

Competency Topic	Description	Course	Method
Infections	Strep group B as source of infection in elderly; salmonella infection and elderly; anaplasma phagocytophilum and elderly; mycobacterium and long-term care facilities; malaria in elderly female with compromised immunity; astrovirus and nursing home infections; influenza and vaccination	Microbiology	Lecture
Gastroenterological Disorders	Gall stones and aging	Histology	Lecture
Gastroenterological Disorders	Poor nutrition in the elderly	Pharmacology	Lecture
Psychiatric Diseases	Parkinson's disease and neurotransmitters; psychological dimensions of aging	Psychiatry	Lecture
Other Disease and Disorders	B12 and pernicious anemia	Histology	Lecture

MS2 Courses

Competency Topic	Description	Course	Method
Rheumatologic Diseases	Case study of temporal arteritis	Cardiovascular Pathology	Lecture
Rheumatologic Diseases	Advanced age as a risk factor for septic joints; osteoarthritis; polymyalgia rheumatica; hip fractures; lumbar spinal stenosis	Musculoskeletal	Lecture
Rheumatologic Diseases	Paget's disease (disease of elderly Caucasians); rheumatoid arthritis; osteoarthritis	Musculoskeletal Pathology	Lecture
Genito-urological Diseases	Alpha adrenergic receptors; urinary incontinence and antimuscarinic agents	Neuropharmacology	Lecture
Genito-urological Diseases	"Senile vaginitis"	Reproductive Pathology	Lecture
Neurological Diseases	67 yo male with cerebrovascular disease; 66 yo with progressive weakness of both legs (amyotrophic lateral sclerosis); 63 yo male with cerebrovascular accident; 63 yo female with Parkinson's disease); neuro-imaging of 63 yo with cerebrovascular disease	Neuroanatomy	Small Group
Neurological Diseases	Intention tremor; basal ganglia and Parkinson's disease; hypothalamus and homeostatic regulation (heat loss and conservation, body temperature, regulation of water balance)	Neuroanatomy	Lecture
Neurological Diseases	Parkinson's disease and dementia; normopressure hydrocephalus and dementia	Neurology	Small Group
Neurological Diseases	Temporal arteritis; tremor types; Parkinson's disease; essential tremor; chronic subdural hematomas; stroke	Neurology	Lecture
Neurological Diseases	Anti-parkinsonian agents	Neuropharmacology	Lecture
Neurological Diseases	Memory: recent and long term memory; molecular basis for memory	Neurophysiology	Lecture
Neurological Diseases	Cognition impairment and aging	Geriatrics	Lectures

Knowledge of Disease and Disorders (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Cardiovascular Diseases	Acute myocardial infarction; dyslipidemias; hypertension increases with age; occlusive arterial disease; transient ischemic attacks and strokes	Cardiovascular	Lecture
Cardiovascular Diseases	Congestive heart failure; ischemic heart disease (myocardial infarction, angina; atherosclerosis and hypertension; aortic aneurysms)	Cardiovascular Pathology	Lecture
Cardiovascular Diseases	Congestive heart failure and thirst regulation	Neurophysiology	Lecture
Cardiovascular Diseases	Use of loop diuretics in the elderly	Pulmonary Pharmacology	Lecture
Cardiovascular Diseases	Systolic hypertension; ischemic heart disease; cardiovascular reserve lowers threshold for heart failure	Geriatrics	Lecture
Cardiovascular Diseases	70 yo with atrial fibrillation and risk of stroke/death and anticoagulation with Coumadin; 63 yo male with pancreatic cancer and deep vein thrombosis; treatment of 70 yo male with congestive heart failure	Science of Medicine	Small Group
Endocrinological Diseases	Pathogenesis of osteoporosis; clinical presentation of osteoporosis	Endocrinology	Lecture
Endocrinological Diseases	Case study of 68 yo female with hyperaldosteronism; 74 yo female with iatrogenic Cushing's syndrome and osteoporosis; hypothyroidism	Endocrinology Pathology	Lecture
Endocrinological Diseases	With aging: association with type 2 diabetes mellitus; metabolic syndrome; increasing fat mass; reduction in mitochondrial oxidative and phosphorylative function; treatment of type 2 diabetes; dyslipidemia; oxidative stress and athero-sclerosis in diabetes; hypo-thyroidism increases with increasing age; screening for hypothyroidism; adrenal androgens decrease; osteomalacia; male reproductive physiology (decreasing testosterone); treatment of andropause with testosterone	Nephrology Physiology	Lecture
Endocrinological Diseases	Hypophalamic regulation of pituitary hormones (in particular TSH, growth hormones and sex hormones)	Neurophysiology	Lecture
Cancer of Various Organs	Skin cancers	Dermatology Pathology	Lecture
Cancer of Various Organs	70 yo demented nursing home resident with pancytopenia	Hematology	Small Group
Cancer of Various Organs	Acute non-lymphoblastic leukemia; chronic lymphocytic leukemia; monoclonal gammopathy of undetermined significance/multiple myeloma	Hematology	Lecture
Cancer of Various Organs	Metastatic bone cancers (prostate, breast, kidney, thyroid, lung); multiple myeloma	Musculoskeletal Pathology	Lecture
Cancer of Various Organs	Renal cell carcinoma; bladder cancer	Nephrology Pathology	Lecture
Cancer of Various Organs	Breast cancer; endometrial cancer	Reproductive Pathology	Lecture
Infections	Decreased numbers of nephrons with age; decreased creatinine production in elderly and females	Nephrology Physiology	Lecture

Knowledge of Disease and Disorders (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Renal Diseases	Benign prostate hypertrophy; prostate cancer; transitional cell bladder cancer-nonmalignant; hypertension	Nephrology Pathology	Small Group
Renal Diseases	Decreased creatinine clearance with age and frailty	Geriatrics	Lecture
Renal Diseases	68 yo woman and diminished creatinine clearance	Geriatrics	Small Group
Renal Diseases	67 yo with lung cancer and syndrome of inappropriate antidiuretic hormone; 64 yo female with metabolic acidosis; 70 yo female with chronic obstructive pulmonary disease induced acid/base disturbance; 70 yo female with ruptured aortic aneurysm with acute tubular necrosis	Nephrology	Small Group
Renal Diseases	Urinary obstruction and prostatic hypertrophy; urinary tract infection in females > age 60 and estrogen deficiency; creatinine clearance - relationship to muscle mass production of creatinine; Cockcroft-Gault equation	Nephrology	Lecture
Renal Diseases	Type 2 diabetes and nephropathy: obstructive nephropathy and prostate disease; BPH and prostate cancer; nephrosclerosis and hypertension; acute interstitial nephritis in elderly males with obstructive uropathy	Nephrology Pathology	Lecture
Gastroenterological Disorders	Older age as risk factor for Barrett's esophagus; NSAIDs as risk factor for peptic ulcer disease in aging population; perforation of peptic ulcer and elderly; age as risk factor for colon cancer; constipation; inflammatory bowel disease and aging; cholelithiasis and aging	GI and Nutrition	Lecture
Gastroenterological Disorders	68 yo with cholelithiasis; 67 yo with peptic ulcer disease due to NSAIDs	GI and Nutrition	Small Group
Gastroenterological Disorders	Diverticular disease of colon; colon cancer; cholelithiasis; pancreatic carcinoma and age association;	GI and Nutrition Pathology	Lecture
Gastroenterological Disorders	Use of COX 2 agents in elderly; agents used to treat constipation; age as a risk factor for drug induced liver disease	GI and Nutrition Pharmacology	Lecture
Gastroenterological Disorders	Treatment of 75 yo female with osteoarthritis	Science of Medicine	Small Group
Psychiatric Diseases	Dementia; delirium; depression	Geriatrics	Lecture
Other Diseases and Disorders	Myelodysplastic syndromes in older adults	Hematology	Lecture
Other Diseases and Disorders	75 yo with right total hip and pulmonary embolism; 75 yo debilitated smoker with possible pulmonary embolism	Science of Medicine	Small Group
Other Hematological Disease and Disorders	Transfusion in elderly to avoid myocardial ischemia; chronic lymphocytic leukemia in older adults; lymphadenopathy in older age may represent neoplastic disease; non-Hodgkin's lymphomas	Hematology Pathology	Lecture
Other Hematological Disease and Disorders	Tutorial: 72 yo male with iron deficiency anemia; 65 yo male with chronic lymphocytic leukemia	Hematology Pathology	Small Group

Knowledge of Disease and Disorders (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Other Pulmonary Diseases and Disorders	Pulmonary edema; community-acquired pneumonia and older age	Pulmonary	Lecture
Other Pulmonary Diseases and Disorders	Pneumonia (bacterial and tuberculosis; chronic obstructive pulmonary disease; lung cancer; paraneoplastic syndromes and lung cancer	Pulmonary Pathology	Lecture

Knowledge of Psychosocial Issues

MS1 Courses

Competency Topic	Description	Course	Method
Normal Behavioral Late-Life Changes	Attitude toward aging, retirement, death of loved one & own mortality	Psychiatry	Lecture
Psychopathology	Normal grief versus pathologic grief; stages of grief; depression	Psychiatry	Lecture
Community Resources	Social support and caregivers	Psychiatry	Lecture
Community Resources	Small group experience in aging-related community services - a portion of students choose this activity	Social Medicine	Small Group
Adaptation to Care in Alternative Living Situations	Assisted living and nursing home	Psychiatry	Lecture

MS2 Courses

Competency Topic	Description	Course	Method
Under-reporting of Symptoms and Illnesses	Occurrence in elderly	Hematology Pathology	Lecture
Under-reporting of Symptoms and Illnesses	Patients are reluctant to complain of functional decline	Geriatrics	Lecture

Knowledge of Prevention

MS1 Courses

Competency Topic	Description	Course	Method
Primary Prevention	<i>Preventive Health Care</i>	Social Medicine	Lecture
Primary Prevention	Nutritional recommendations for successful aging	Nutrition	Module
Primary Prevention	Pneumococcal vaccination; influenza vaccination	Pulmonary	Lecture

Knowledge of Prevention (continued)

MS2 Courses

Competency Topic	Description	Course	Method
Primary Prevention	Benefits of comprehensive geriatric assessment have been proven; appropriate interventions decrease frailty decline	Geriatrics	Lecture
Secondary Prevention	Anticipation of potential deficits and institution of preventive measures is the goal of functional assessment; early identification of geriatric syndromes; comprehensive geriatric assessments	Geriatrics	Lecture
Tertiary prevention	Screening for functional decline due to hospitalization with appropriate intervention strategies reduces re-hospitalization and admittance to nursing homes	Geriatrics	Lecture

Knowledge of Ethical Issues

MS1 Courses

Competency Topic	Description	Course	Method
End-of-Life Care	Attitudes toward death; giving bad news	Psychiatry	Lecture

MS2 Courses

Competency Topic	Description	Course	Method
Pain Management	Pathophysiology and management of pain	Neurology	Lecture
Pain Management	Opioids; under treatment of pain; side effects of opioids	Neuropharmacology	Lecture
Pain Management	Evaluating pain/pain scales	Neurophysiology	Lecture
End-of-Life Care	Delivering bad news	Doctor/Patient Relationship	Lecture
Health Care Financing	Improving function decreases time of disability or frailty and medical expenditures	Geriatrics	Lecture

Skills

MS2 Courses

Competency Topic	Description	Course	Method
Geriatric Assessment	Screening for cognitive impairment	Physical Diagnosis	Lecture
Geriatric Assessment	Screening for falls	Physical Diagnosis	Lecture
Geriatric Assessment	Functional assessment (ADLs and IADLs)	Geriatrics	Lecture and demonstration
Skills-Physical Diagnosis	Use of the Mini-Cog to assess cognitive impairment	Physical Diagnosis	Lab
Skills-Physical Diagnosis	Use of the "Timed Up and Go" to assess fall risk	Physical Diagnosis	Lab