COM GERIATRIC FELLOWSHIP TRAINING MODULE: INPATIENT (Hospital)

CORE COMPETENCY (AOA & ACGME)	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT & RESOURCES	EVALUATION METHODS
Osteopathic Principles & Practice (OPP)	 Describe the integration of Osteopathic principles and philosophy into the care of hospitalized older adults and the frail older adults. Describe the musculoskeletal changes that occur with normal and pathological aging. Perform a complete musculoskeletal exam and diagnose abnormalities as pertinent to inpatient consultations. Recognize the limitations necessary to consider when performing OMT on older adults and frail older adults. Perform individualized OMT to treat acute or chronic symptoms of the unique hospitalized patient. Utilize caring, compassionate, holistic, person-centered behavior with frail older adult patients and their families/caregivers. Role model caring for the whole person versus merely treating symptoms. 	 SDPC W/COM CP RC IR D 	 Analyze the capacity of older adults to function across many domains: Physical Functional Cognitive Emotional Social Spiritual Cultural Describe the use of selection, optimization, and compensation that older adults use to adapt to life's challenges. 	■ Komara ■ Ward	 PRR OQ SP S/M OSCE 360° Mini-CEX CEL PORTF P/CL

CORE COMPETENCY	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT &	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	RESOURCES	METHODS
Medical Knowledge (MK) 2. 3. 6.	established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences by application to patient care. (ACGME) Analyze the biology and physiology of aging and the clinical implications of aging change to lab findings. (AGS) Demonstrate current scientific knowledge of aging and longevity including theories of aging and epidemiology of aging populations. (AGS) Recognize the normal and expected changes seen in aging individuals. Discuss a variety of geriatric diseases and disorders based on current literature and research.	• SDPC • CP • IR • D	■ Define optimal aging. ■ Compare/contrast optimal aging to successful aging. ■ Describe the eight (8) determinants of health (Health Field Model): ○ Function ○ Disease ○ Social environment and support system ○ Physical environment ○ Genetic endowment ○ Individual responses — behavior and biology ○ Healthcare system ○ Well-being ■ Recognize the unique individuality of older adults across cohorts and the continuum of care.	 AGS-FT AGS – Pain (2 articles) EPEC Baltes & Baltes Billings & Block Brummel-Smith (2 articles) DSM-5 Fick & Mion Flaherty Fox GRS8: Chapters 2, 17, 20, 26, 29, 32, 33, 34, 36, 39, 40, 41, 42, 47 – 52, 56 – 64 Hazzard Herr & Mobily Kane Kotthoff-Burrell OEPEC 	 CSR OQ MCQ Mini-CEX PORTF JC / Literature Evaluation module CEL EBM P/CL PRR EBM module GS/DL

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
	 Diabetes Elder abuse Falls Gait disorders Iatrogenic illness Infections Malnutrition Nutrition Parkinson's disease Perioperative care Pneumonia Polypharmacy Sensory impairment Stroke Substance abuse Urinary & bowel incontinence Weight loss Wounds Implement patient and system wide specific strategies to reduce iatrogenic events among older adults. (AGS) Comprehend the constellation of common acute illnesses frequently experienced by hospitalized older adults Recognize, assess and appropriately treat/manage pain in the older adult. Individualize pain control utilizing the most effective pharmacologic and nonpharmacologic strategies 		 Utilize exercises that promote optimal aging and improve balance and strength. List the primary biological activities/factors known to increase the chance of aging optimally: Exercise Nutrition Sleep Avoidance of disease-causing agents Practicing preventive medicine Early treatment of disease and medical condition Avoidance of iatrogenic complications 	 Oxford Pain POGOe Rowe & Kahn Stuart Tools: Cognition Function Hospitalization Pain Prognostication 	

CORE COMPETENCY	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT &	EVALUATION METHODS
(AOA & ACGME)	The genatic tenow win.	SIKAILGI	001,22 01,22,12	RESOURCES	WETHODS
	based on the etiology and				
	chronicity of the patient's				
	pain. (AGS)				
	11. Effectively participate in the process of peri-operative				
	management.				
	12. Provide comprehensive				
	medication review to				
	maximize benefit and				
	minimize number of medications and adverse				
	effects. (EPA, 2013)				
	13. Interpret and utilize				
	functional and cognitive				
	assessment screens and lab				
	tests in the evaluation of the				
	hospitalized frail older adult. 14. Describe the knowledge and				
	process utilized in the tools				
	and art of prognostication				
	and determining prognosis.				
	15. Demonstrate expertise in				
	medication management by				
	justifying regimen and				
	duration based upon:				
	 Age related changes 				
	in pharmacokinetics /				
	pharmacodynamics				
	 Maximizing 				
	adherence (AGS)				
	16. Develop and utilize an				
	understanding of the				
	pharmacologic changes that				
	occur with aging and patient's				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
(AOA & ACOME)	current medication use to develop appropriate hospital prescribing patterns and minimize adverse drug events in the hospitalized older adults (consider cost, polypharmacy, formulary, medication reconciliation). 17. Compare/contrast hospice and palliative care. 18. Incorporate the concepts and principles of palliative care into practice and accurately determine when a palliative care consult is needed. 19. Discuss knowledgably psychiatric disorders in older adults including depression, anxiety, and behavioral issues associated with dementia. 20. Describe the roles of interprofessional team members not limited to allied			RESOURCES	
	health professionals including physical therapists, occupational therapists, psychologists, speech and language pathologists, prosthetists, orthotists, and others. 1. Demonstrate an	• SDPC	Promote optimal	Beers	■ 360°
Patient Care	understanding of the importance of knowing a	• SDIC	nutrition.	20015	300

CORE COMPETENCY	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT &	EVALUATION METHODS
(AOA & ACGME)	The genatic lenow will.	SIRAIEGI	OOM ONEN	RESOURCES	WETHODS
& Procedural Skills (PC/PS)	patient's values, his/her definition of quality of life, and assist in determining goals of care for that person. 2. Incorporate the practice of health promotion and disease prevention in patient care. (ACGME, 2013) 3. Determine decision making capacity and understand use of ethical principles, advance directives, guardianship, power of attorney, next-of-kin, guardianship, and surrogate decision maker. 4. Prioritize and manage the care of older adults by integrating the patient's goals and values, co-morbidities and prognosis into the practice of evidence-based medicine. (EPA, 2013) 5. Based on the assessment of medical and functional status, be able to identify and appropriately manage groups of older persons who differ in their needs for continuing care: • Previously vigorous older adults for whom maintenance of function is paramount • Frail older persons with a variety of acute and chronic	• CP • IR • D	 Promote optimal cognitive health and function during hospitalization. Demonstrate the ability to manage psycho / social / spiritual aspects of the care of older adults including interpersonal and family relationships, living situations, adjustment disorders, bereavement, and anxiety. (AGS) Recognize social support systems as a critical factor in patient outcomes. Incorporate knowledge of the benefits of social engagement and interaction in patient treatment plans. 	 GRS8: Chapters Hazzard Kane Labella Lo POGOe - Drugs and Aging Silverstein & Flaherty Zembrzuski Touro University, (2008, August) Ethical, legal and health-care related behaviorsDr. Carron cases 	 PRR CSR OSCE OQ SP S/M CL Mini-CEX CEL PORTF P/DL GS/DL

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY	The geriatric fellow will:	STRATEGY	COMPONENT	&	METHODS
(AOA & ACGME)	The genative tenow will.	SIRAILGI	001121 01 (21 (2	RESOURCES	WETHODS
	medical conditions				
	who are experiencing				
	transitions in their				
	lives				
	 Persons with 				
	advanced disease				
	requiring palliative				
	care or hospice				
	6. Diagnose and understand management for the most				
	common acute medical				
	problems in the older adult,				
	considering co-morbidities.				
	7. Provide patient-centered care				
	that optimizes function or				
	well-being. (EPA, 2013)				
	8. Conduct appropriately				
	focused history and physical				
	exams on frail older adults.				
	9. Develop, prioritize, and				
	justify differential diagnoses in frail older adults.				
	10. Develop a plan of care that				
	includes clinical evaluation,				
	treatment, and follow-up that				
	meet the patient, family				
	and/or caregiver preferences.				
	11. Provide safe, compassionate				
	patient care, including the				
	safe and effective use of				
	procedures that is				
	appropriate, and effective for				
	the treatment of health				
	problems and the promotion				
	of health. (<i>ACGME</i>) 12. Prevent, diagnose, and				
	manage geriatric syndromes.				
	manage genatite syndronies.				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
	(EPA, 2013)				
	13. Advocate for limiting use of restraints and decreasing falls				
	in older hospitalized patients.				
	14. Demonstrate ease and				
	comfort when interacting				
	with individuals diagnosed with dementia and related				
	behavioral problems.				
	15. Demonstrate a compassionate				
	manner when interacting with				
	dying individuals.				
	16. Identify and manage symptoms commonly				
	experienced by patients at				
	the end-of-life, including but				
	not limited to: pain, dyspnea,				
	fearfulness, anxiety, loneliness, hopelessness,				
	spiritual distress,				
	constipation, nausea,				
	vomiting, delirium, terminal				
	restlessness, and terminal				
	congestion. 17. Order testing in a medically				
	appropriate and fiscally				
	responsible manner.				
	18. Develop competency over				
	time in providing quality				
	acute care of older adults including the frail.				
	19. Explain the health care				
	continuum and discharge				
	options for older adults,				
	including insurance				
	eligibility requirements and benefits.				
	ocherus.				1

CORE COMPETENCY (AOA & ACGME)	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT & RESOURCES	EVALUATION METHODS
Interpersonal & Communication Skills (IPCS) (aimed at patient & health care team members)	 20. Participate and provide geriatric consultation and comanagement. (EPA, 2013) 1. Communicate with all patients and their families in a compassionate, culturally aware and effective manner. 2. Utilize cultural sensitivity in shared decision-making with older adults and their families/caregivers regarding health literacy, desired level of participation, preferences, and goals of care. (AGS) 3. Work as a productive member of the interprofessional team with preceptors, referring physicians, nurses, medical assistants, physician assistants, physician assistants, nurse practitioners, clinical nurse specialists and other hospital staff to optimize patient care. 4. Demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and health professionals. (ACGME) 5. Participate and conduct family discussions and care conferences regarding patient goals of care while understanding cultural norms/values and 	 SDPC JC RC CP IR D 	Avoid use of ageist and stereotypical language when communicating with older adults.	Buckman (3 resources) CHAMP CHAMP	 360° PS OSCE SP CL Mini-CEX PORTF CEL

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY	The geriatric fellow will:	STRATEGY	COMPONENT	&	METHODS
(AOA & ACGME)	The genative tenow will.	SIRAILGI	001.22 01.21(2	RESOURCES	WETHODS
	maintaining patient				
	autonomy.				
	6. Assist patients and families				
	in clarifying goals of care and				
	making decisions. (EPA, 2013)				
	7. Assess and incorporate				
	family/caregiver needs and				
	limitations including stress				
	and burden in the older				
	adult's transition and				
	management plans. (AGS)				
	8. Utilize strategies to enhance the GF-older adult oral and				
	written communication in				
	patients with hearing,				
	vision, or cognitive				
	impairment. (AGS)				
	9. Listen attentively and				
	therapeutically, ask				
	questions slowly when				
	needed, and allow a				
	pause/silence for the patient				
	to provide information				
	during care conferences.				
	10. Demonstrate culturally				
	sensitive shared				
	decision making with				
	patients and				
	families/caregivers in				
	the context of their				
	health literacy, desired				
	level of participation,				
	preferences and goals				
	of care. (EPA, 2013)				
	11. Initiate difficult				
	conversations in				
	breaking bad news and				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
	manage difficult patient/family issues/conflicts compassionately and effectively. 12. Provide clear, concise oral presentations to preceptors. 13. Develop a concise report outlining the assessment and recommendations derived from a comprehensive geriatric/palliative care assessment. 14. Maintain comprehensive, timely, and legible medical records on consults and progress notes. 15. Return family calls in a timely manner and address patient/family concerns appropriately.				
Professionalism (P)	 Demonstrate respect, compassion, integrity, and commitment at all times. Role model respect of patients and their families 	SDPCZemperIR			360°PSOQ
	across all cultures, ages, genders, sexual orientation, religions, and mental/physical disabilities. 3. Utilize CMS guidelines for all patient privacy issues.	CPD			CSRPRRCL
	Demonstrate a commitment to carrying out professional responsibilities and				Mini-CEX

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
	adherence to ethical				• PORTF
	standards. (<i>AGS</i>) 5. Demonstrate responsiveness				• CEL
	to a patient's welfare that				• CEL
	superseded self-interest.				SCS Ethics
	6. Imbed into personal practice				Course
	style the bio-ethical				
	principles of respect for patient autonomy,				
	nonmaleficence, beneficence,				
	fidelity, and justice.				
	7. Utilize ethical and legal				
	considerations at the end-of- life.				
	8. Recognize the elements of				
	the physician-patient				
	relationship.				
	9. Provide compassionate care				
	while establishing personal				
	and professional boundaries with patients and				
	families/caregivers. (AGS)				
	10. Arrive on time, stay to the				
	completion of assignment				
	duties, and promptly				
	communicate all patient issues with the attending				
	physician.				
	11. Dress professionally and				
	appropriately for the				
	environment and scheduled				
	activities. 12. Apply ethical principles of				
	conduct related to				
	interactions with vendor				
	representatives.				
	13. Implement the national				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY	The geriatric fellow will:	STRATEGY	COMPONENT	&	METHODS
(AOA & ACGME)	The genative tenow will.	SIRAILGI	001121 01 (21) 1	RESOURCES	WETHODS
	standards for the protection				
	of patient health information				
	included in the Standards for				
	Privacy of Individually				
	Identifiable Health				
	Information (privacy rule)				
	and the <i>Health Insurance</i>				
	Portability and				
	Accountability Act of 1996				
	(HIPAA).				
	14. Demonstrate appropriate professional behavior in all				
	clinical/academic settings				
	through respect, courtesy,				
	and helpfulness toward all				
	patients, preceptors, teachers,				
	and staff.				
	15. Demonstrate accountability				
	and responsibility for content				
	knowledge, schedules, and				
	verbal instructions.				
	16. Demonstrate knowledge and				
	understanding of adult				
	learning theory and principles				
	through self-directed learning				
	and accumulation of geriatric				
	knowledge.				
	17. Implement self-care by				
	recognition of the				
	signs/symptoms for fatigue				
	and sleep deprivation and				
	seek appropriate treatment.				
	18. Complete all components of				
	the rotation in an agreed upon timeframe.				
	19. Complete a faculty and				
	facility evaluation at the end				
	racinty evaluation at the end				

CORE COMPETENCY (AOA & ACGME)	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT & RESOURCES	EVALUATION METHODS
Practice-Based Learning & Improvement (PBLI)	of the rotation and submit to the fellowship office with attendance attestation form. 1. Utilize the principles of andragogy (active adult learning) for meeting fellowship inpatient rotation objectives (inquiry, self-direction, reflection, problem-based, goal directed/oriented). 2. Demonstrate the ability to investigate and self-evaluate care provided to patients. (ACGME) 3. Appraise and assimilate scientific evidence to continuously improve patient care based on on-going self-evaluation and life-long learning. (ACGME) 4. Demonstrate self-initiative in the use of information technology to access and retrieve materials for self-education. 5. Utilize principles of evidence-based medicine as they apply to care of the hospitalized frail older adult. 6. Identify personal areas for growth/development in medical knowledge of inpatient care for the older adult. 7. Conduct focused up-to-date reading for self improvement	• SDPC • IR • D • SA	Advocate for public education and public policy that can influence health promotion and wellness for older adults at a local, state, and national level.	AGS-FT Hazzard Kane SCS training modules re: Research, JC/Literature Evaluation, EBM	 JC PRR CSR 360° PS Mini-CEX PORTF LOG SCS Research Training & Evidence Based Modules (Zemper)

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY	The geriatric fellow will:	STRATEGY	COMPONENT	& 	METHODS
(AOA & ACGME)	The germane tenow with	SIMILGI		RESOURCES	WIETHODS
	and growth throughout the				
	rotation.				
	8. Demonstrate the ability to				
	deliver efficient and thorough				
	holistic patient care				
	discussions with preceptors.				
	9. Demonstrate independent self-learning by showing				
	progressive improvement in				
	geriatric patient care that				
	reflects learning from prior				
	experiences.				
	10. Systematically analyze				
	practice utilizing quality				
	improvement methods and				
	implement changes with the				
	goal of practice				
	improvement.				
	11. Achieve defined therapeutic				
	outcomes that improve a				
	patient's quality of life while				
	minimizing patient risk				
	(medical errors). 12. Work diligently to				
	promote/implement a culture				
	of patient safety through				
	involvement in improving				
	patient care.				
	13. Participate in the education				
	of residents, medical				
	students, nurse practitioners,				
	physician assistants, and				
	others during the inpatient				
	rotation.				
	14. Utilize appropriate and				
	effective teaching skills and				
	techniques when educating				

CORE COMPETENCY (AOA & ACGME)	OBJECTIVES The geriatric fellow will:	INSTRUCTIONAL STRATEGY	OPTIMAL AGING COMPONENT	CONTENT & RESOURCES	EVALUATION METHODS
Systems-Based Practice (SBP)	patients, families, and other health care professionals. 15. Effectively facilitate a family meeting. (EPA, 2013) 16. Utilize a patient case for a Morbidity/Mortality (M&M) Conference to self-evaluate care provided. 1. Coordinate patient care within the health care system and work in interprofessional teams to enhance patient safety and improve quality and transition of care. 2. Refer patients to support services and hospice both inpatient and outpatient as appropriate. 3. Recognize when to consult in-hospital services including but not limited to, psychiatry, social work, therapy, discharge planning, and pastoral care. 4. Include attending physicians as part of the interprofessional team in geriatric and palliative care as well as ethical consults. 5. Participate in advocacy activities that enhance the	 SDPC AA CP CM IR D 	Become knowledgeable about community-based resources that promote optimal aging and refer/collaborate when appropriate for older adults discharging back to the community from the hospital.	 ASBH E & M GRS8 Chapters: 4, 8 Hazzard HIPAA JCAHO Jonsen Kane Veatch 	 360° PS MCQ CL Mini-CEX PORTF CEL CSR
	quality of patient care. 6. Demonstrate the ability to provide cost-effective care including the appropriate use				

CORE COMPETENCY	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT &	EVALUATION
(AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	RESOURCES	METHODS
	of laboratory, radiology, and				
	consultation services.				
	7. Incorporate cost awareness				
	and risk-benefit analysis in				
	patient care. 8. Facilitate curricular				
	development through				
	cooperative learning and				
	constructive problem solving				
	with faculty, residents, and				
	health care professional				
	students.				
	9. Compare/contrast the				
	provision of care in the acute				
	versus the long-term care				
	setting.				
	10. Utilize accurate and				
	appropriate E&M coding and documentation for inpatient				
	services to maintain				
	compliance with insurance				
	regulations.				
	11. Demonstrate effective				
	interaction with all hospital				
	staff including				
	administration, management,				
	physicians, direct care				
	workers, and other health				
	care professionals.				
	12. Collaborate and work as a				
	leader or member of the				
	interprofessional health care				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY	The geriatric fellow will:	STRATEGY	COMPONENT	&	METHODS
(AOA & ACGME)	The gerian ic tenow will.	SIRAIEGI	COM CIVELLI	RESOURCES	WETHODS
	team. (EPA, 2013)				
	13. Describe the function of				
	ethics committees and learn				
	how to appropriately utilize				
	the service.				
	14. Prescribe medications in				
	compliance with current				
	medical standards of care.				
	15. Order medically necessary				
	ancillary services such as				
	home health care, physical -				
	occupational – speech				
	therapy, hospice/palliative				
	care.				
	16. Utilize accepted guidelines				
	for prescribing durable				
	medical equipment and				
	evaluating appropriate use.				
	(AGS)				
	17. Communicate with primary				
	care physicians, consultants				
	or referring physicians and other providers to improve				
	continuity, transitions, and				
	quality of care.				
	18. Demonstrate an awareness of				
	and responsiveness to the				
	larger context and system of				
	health care, as well as the				
	ability to call effectively on				
	other resources in the system				
	to provide optimal health				

CORE	OBJECTIVES	INSTRUCTIONAL	OPTIMAL AGING	CONTENT	EVALUATION
COMPETENCY (AOA & ACGME)	The geriatric fellow will:	STRATEGY	COMPONENT	& RESOURCES	METHODS
	care. (ACGME) 19. Describe the role of the Joint Commission on the Accreditation of Healthcare Organizations (JCAHO) in hospital practice.				

Copyright © 2013. Michigan State University, College of Osteopathic Medicine, Department of Family and Community Medicine, Division of Geriatrics. All rights reserved. The Geriatric Fellowship (GF) Curriculum was developed through funds from the Bureau of Health Professions, Health Resources and Services Administration (HRSA), Grant # D54HP23284. If you would like permission to use any portion of this material (other than references or resources from the public domain), please contact the Principal Investigator, Carol L. Monson, DO, MS at carol.monson@hc.msu.edu.