

September Interclerkship Intensive
Contemporary Issues in Substance Misuse, Addiction and Health Policy
September 23 - 27, 2013
Syllabus

Overall Objectives of Interclerkship Intensive III:

- Review neurobiological basis of addiction and treatment options
- Explore the ways in which various levels of the health care system address substance misuse in the population and discuss how health policies impact substance misuse in the population
- Give students the opportunity to practice skills related to screening, counseling, and management of substance misuse and its sequelae
- Discuss how the Affordable Care Act and physician payment practices affect physicians early in their careers
- Explore physicians' roles as advocates

How to Prepare for the ICI Activities and Homework Assignments

Saret Web Modules

Please note that each Saret module must be completed by a different date

Links to these modules may be found on the Interclerkship Intensive site on ALEX. Click on:

- **“Resources” on the left hand menu**
- **The “Homework” folder**
- **The “Online Modules” subfolder**

- **Treatment Modalities: The Treatment of Addiction REQUIRED, DUE Tuesday, September 25th 40 minutes to complete** The intended purpose of this module is to provide an overview of addiction treatments, and illustrate how research is used to evaluate and improve treatment options.
Goals:
 - Outline addiction treatment options with a focus on opiate dependence
 - Introduce the research methodology used to evaluate and improve treatments for addictionObjectives:
 - Identify substance use disorders (SUDs) as chronic illnesses for which effective treatments exist
 - List the different types of pharmacologic and behavioral treatments available to treat SUDs - with a focus on opiates
 - Describe methods for testing therapies - with a focus on advantages and disadvantages of randomized control trials

- **Substance Abuse Screening The first half is HIGHLY RECOMMENDED in preparation for the OSCE because an actor demonstrates how to obtain a substance use history. 1 hour to complete**
Goals:
 - Define screening
 - Learn the current standards for substance abuse screening in medical settings
 - Understand the justifications for implementing screening
 - Learn about how to assess the utility of screening tests
 - Consider novel approaches aimed at advancing screening practices in substance abuseObjectives:
 - Distinguish screening from assessment and diagnosis

- Define current screening guidelines for substance disorders in medical settings and detail why the guidelines exist
- Identify and apply the criteria involved in determining whether to screen for a given condition
- Demonstrate understanding of concepts that describe a screening test including:
 - sensitivity
 - specificity
 - gold standard
 - positive & negative predictive values
- Assess the pros and cons of expanded substance abuse screening in general medical settings

● **Epidemiology Module** **REQUIRED, DUE Sunday, September 29, 2013, 45 minutes to complete**

Goals:

- Describe the basic epidemiology of substance abuse
- Explore descriptive epidemiologic data: what it is and how to use it
- Consider how to evaluate causality vs. association using the example of marijuana as a gateway drug

Objectives:

- Describe the prevalence and distribution of SA disorders in the population
- Identify sources of population data for substance abuse
- Distinguish prevalence and incidence
- Correctly distinguish descriptive and analytic study designs
- Explain the uses and limitations of cross-sectional data
- Argue for and against marijuana as a gateway drug

PREPARATION for Tuesday, September 24th, 2013

I. Opioid Addiction Workshop – REQUIRED

Review the Pain and Addiction Presentation and Pain and Addiction Review, posted on ALEX.

II. Opioid Treatment Workshop – REQUIRED

Complete the Saret Web Module: Treatment Modalities: The Treatment of Addiction

PREPARATION for Thursday, September 25th or 26th, 2013

I. OSCE

- Go to <http://www.drugabuse.gov/nidamed/nm-assist-screening-tobacco-alcohol-other-drug-use> **REQUIRED**

Review the:

- Online screening tool
- Quick reference guide

Skim the online resource guide sections on The NIDA Quick Screen, Conducting a Brief Intervention, and Recommendations to Address Patient Resistance

- Complete the First Half of the Saret Web module on Screening **The first half is HIGHLY RECOMMENDED because an actor demonstrates how to obtain a substance use history.**
- Complete the Shoulder Exam Module **HIGHLY RECOMMENDED**

II. Ultrasound Workshop

Please complete the module by clicking on: <http://www.saem.org/ultrasound-guided-peripheral-iv-placement> **REQUIRED**

III. Alcoholics Anonymous Panel Discussion

Review the AA Fact Sheet, AA as a Resource for the Healthcare Professional and Information on AA documents **REQUIRED**

IV. The Affordable Care Act Workshop

REQUIRED: Homework

Using the “Forum” tab on ALEX for your assigned group:

In at least 5 sentences, please describe: 1) one provision of the Affordable Care Act (ACA) you agree with and why, and 2) one provision you disagree with and why. You will be able to see each other’s posts; open discussion is encouraged. Posts must be completed no later than Wednesday, September 26th at 8am.

Feel free to use the materials provided or your own sources. Please use informal citations where appropriate so that your colleagues may fact check you.

RECOMMENDED Readings:

- Kaiser Summary Table of the ACA. The Kaiser website (<http://healthreform.kff.org/>) is an excellent resource in general.
- JAMA article summarizing key provisions
- “The Case Against Obamacare” from the Heritage Foundation, a conservative think-tank.
- “Health Care Providers and the Affordable Care Act” from the Obama administration
- A summary of the ACA by Senate Democrats.

V. Medical Ethics on the Wards: How NYU Students make a Difference

Dr. Allen Keller will present some of the cases that medical students have referred to the Ethics Committee. You are encouraged, **but it is not required**, to come prepared to discuss cases that you have encountered, which raise ethical issues.

VI. Lunchtime Lecture (September 28th only): Can physicians be advocates for their patients, at the bedside, if they have to worry about the cost of tests and treatments?

Read “Cents and Sensitivity — Teaching Physicians to Think about Costs” and “Not my Turn” **REQUIRED**

SCHEDULE, GOALS and OBJECTIVES of ACTIVITIES

Tuesday, September 24, 2013
8:00A - 3:00P (Lectures & Workshop)

8:00A - 8:15A: Introduction to Interclerkship Intensive – Melanie Jay, Alumni Hall B

- Goal to provide an overview of the week
 - Students will understand the overall objective of this Interclerkship Intensive
 - Be shown where they can find further information about the course
 - Understand the expectations of the week including assignments, quizzes and

grading

8:15A - 9:15A: Addiction Overview and Introduction – John Rotrosen, Alumni Hall B

- Objectives:
 - To appreciate the scope and impact of addiction
 - To describe advances in diagnosis and treatment of addiction
 - To describe ongoing addiction research and treatment activities at NYU

Addiction Insights Obtained from Basic Science Research – Ken Carr, Alumni Hall B

- Objectives:
 - To describe the neuropharmacological basis of abuse liability
 - To list various neuroadaptations involved in the switch from use to addiction
 - To describe mechanisms underlying high vulnerability to relapse

9:15A - 10:15A: Do Smokers, Junkies and Tweakers have Anything in Common? – Cynthia Kuhn, M.D., Alumni Hall B

- Objectives:

By the end of this lecture students will be able to:

 - Describe positive behavioral effects that alcohol, opiates and stimulants share that motivate drug taking
 - Describe the unique behavioral effects of alcohol, opiates and stimulants that promote drug abuse
 - Define the unique behavioral effects of alcohol, opiate and stimulants that protect against drug abuse

10:15A - 10:45A: Break (Breakfast available outside lecture hall)

10:45A - 11:45A: Physician Payment Policy – Mark Schwartz, M.D., Alumni Hall B

- Objectives:
 - Describe the policy that drives physician payment via Medicare
 - Describe the controversy over the sustainable growth rate policy
 - Describe the impact of the ACA on physician payment policy

11:45A - 12:00P: Break

The following activities will occur more than once and in multiple locations.
Please check your individual schedule to determine when you are scheduled to attend.

**12:00P - 1:30P: Opioid Addiction Workshop – Dr. Steven Ross, Dr. Lewis Nelson, Dr. Soteri Polydorou and
(Group 1) Dr. Erin Zerbo
Coles 302, 304**

**1:30A - 3:00P: PREPARATION IS REQUIRED
(Group 2)**

- Objectives:
 - Define the terminology that describes the psychopathological states at the intersection of pain & addiction
 - Describe the epidemiological trends of the marked increase in rates of prescription opioid addiction within the last decade and list the negative consequences of the increased rates of prescription opioid addiction within the last decade nationally and in New York City
 - Detail the myths and facts associated with chronic opioid therapy for patients with non-malignant pain syndromes
 - Identify the range of interventions at multiple levels (i.e. patient, provider,

- systems of care, state, national) to address the epidemic
- Describe current proposed regulations in NY State to address opioid prescription abuse

12:00P - 1:30P: Treatment Option for Addiction – Joshua D. Lee, M.D. M.Sc., Babak Tofighi M.D., Benjamin Cheney M.D., Soteri Polydorou M.D., Marc Gourevitch, M.D. M.P.H., Coles 101, 109
(Group 2)

1:30A - 3:00P: PREPARATION IS REQUIRED
(Group 1)

- Objectives:
 - By the end of this session students will be able to:
 - Describe the criteria for opioid and other drug dependence diagnoses
 - Assess individual patients for general drug and alcohol treatment readiness
 - Describe to patients the basic treatment options for opioid and other drug dependence, including: detoxification, residential vs. outpatient settings, methadone, buprenorphine and naltrexone maintenance, counseling approaches, and 12-step involvement
 - Describe the expected effectiveness of the above interventions
 - Counsel patients on the complications and co-morbidities of on-going drug misuse, including accidental opioid overdose

Wednesday, September 25, 2013

8:00A - 5:00P (OSCE/Simulation, Workshops & Web Modules)

Thursday, September 26, 2013

8:00A – 12:00P (OSCE/Simulation, Workshops & Web Modules)

These activities will occur more than once and in multiple locations.
 Please check your individual schedule to determine when you are scheduled to attend.

A. Objective Structure Clinical Exam on Addiction – Jennifer McNeely, M.D., Ruth Crowe, M.D., Sondra Zabar, M.D., NYSim Center, East Wing
Other Faculty: Babak Tofighi M.D., Elle Grossman, M.D. and Sabrina Felson, M.D.
PREPARATION IS REQUIRED

- Objectives:
 - By the end of the sessions, a student will be able to:
 - Assess the risks and benefits of opioid treatment for a patient with chronic shoulder pain, using standardized tools and history and physical examination of the patient
 - Demonstrate the ability to perform a focused shoulder exam
 - Make a treatment plan and counsel the patient appropriately

Simulation Activity – Design team: Paul Kim, Lea Ann Chen, Danny Lugassy, Demian Szyld, NYSim Center, West Wing

- Objectives
 - Case 1: Recognize and manage the medical complications of long-term alcohol addiction
 - Case 2:
 - Recognize key components of obtaining a substance use and social history

- Understand and manage potential medical complications of a patient with substance use and abuse.

C. Ultrasound – guided Peripheral Vascular Access Workshop – Uché Blackstock, M.D., RDMS

Steve Menlove, Joe Novik, Svetlana Zakharchenko, Marsia Vermeulen, Pia Chatterjee, Catherine Tubridy and John Arbo, NYSim Center, East Wing

PREPARATION IS REQUIRED

- Goal:
 - Ultrasound---guided peripheral vascular access will be used to help medical students to integrate what they learned about phlebotomy during the July ICI and to introduce them to ultrasound technology
- Objectives: Students should be able to:
 - Describe the indications for ultrasound---guided peripheral vascular access placement.
 - Differentiate between the sonographic appearance of arteries and veins.
 - Utilize compression and Color Doppler mode to distinguish between arteries and veins.
 - Demonstrate the technique for successful cannulation on peripheral vascular models using ultrasound guidance

D. Medical Ethics on the Wards: How NYU Students make a Difference, Allen Keller

Please note that the morning session will be in Alumni Hall A and the afternoon session will be in Alumni Hall B

- Objectives:
 - During this session, students will:
 - Appreciate the impact that students have made through referrals to the ethics committee
 - Analyze cases that NYU students have referred to the ethics committee
 - Review resources available at NYU when health care providers are confronted with ethical dilemmas
 - Have the opportunity to discuss new cases with expert faculty

E. Tobacco Workshop – morning session: Scott Sherman, Donna Shelley, David Stevens, Susan Urban and afternoon session: Scott Sherman, Lois Katz and Paul Krebs, Coles 101, 109

- Objectives:
 - By the end of this session students will be able to:
 - Review the evidence and costs of tobacco control
 - Describe the costs and benefits of tobacco control from the perspective of a Hospital VP of quality, an HR benefits manager, and a surgeon
 - Develop and discuss a business plan for tobacco control in various settings

F. Affordable Care Act Workshop - Kelly Kyanko, M.D., Anthony Shorris, MPA, Senior Vice President and Vice Dean, Chief of Staff, Alumni Hall A

PREPARATION IS REQUIRED

- Objectives:
 - By the end of this workshop, students will be able to:
 - Define basic terminology/concepts necessary to understand the Affordable Care Act
 - Articulate the major provisions of the ACA to patients, friends, and family

- who may ask
- Articulate the major arguments for and against the ACA by the major political parties
- Describe how health reform will potentially impact students' future practices as physicians

G. Alcoholics Anonymous from the Members' Perspective – Ryan McCormack

Please note that the morning session will be in Coles 109 and the afternoon session will be in Coles 101

PREPARATION IS REQUIRED

Goal:

Students will be able to describe how AA might be used effectively, as part of a strategy to combat alcohol addiction.

- Objectives:
 - Students will understand how members define alcoholism and how, based on this conception, the program works at the individual level for the alcoholic-- using the 12 Steps
 - Students will be able to give an overview of the structure of Alcoholics Anonymous and the guiding principles at the level at the groups and organization as a whole-- as defined in the 12 Traditions
 - Students will be able to describe common misconceptions about AA, in terms that could be understood by a patient
 - Students will have enough of an understanding of alcoholism and the program of AA to feel comfortable talking to patients about them, making referrals as appropriate, and engaging in follow-up discussions- without being encumbered by their own naïveté

Thursday, September 26, 2013

12:00P – 3:00P (OSCE/Simulation, Workshops & Web Modules)

12:20P – 1:50P: Lunchtime Lecture: Can physicians be good advocates for their patients, at the bedside, if they have to worry about the cost of tests and treatments? - Arthur Caplan, M.D. , SLH E

PREPARATION IS REQUIRED

- Objectives:
 - Define physician advocacy and recognize physicians duty to act as patient advocates
 - Identify several ways of advocating for patients
 - Appreciate when and how advocacy differs from what the patient or family requests
 - Understand the role of capturing useful & efficacious resources when advocating for patients
 - Debate when and why cost should considered at the bedside
 - Recognize how various stakeholders & professional groups have interest in reforming the notion to advocacy-(e.g. ACP:ASCO)

2:00P - 3:00P Wrap Up - Melanie Jay, M.D., SLH E