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Methamphetamine Lecture and Interclerkship

Developer: Creighton University School of Medicine

Curriculum resource type: Lecture and interclerkship

Method used: Didactic presentation with PowerPoint slides; small groups; panel discussions

Intended audience: Medical students; resident physicians; practicing physicians

Implementation time: 1 hour to present the entire slide set. The interclerkship component can be offered as half- or full-day courses.

Additional components: Suggested reading, references

Educational objectives:

- Understand the scope of methamphetamine abuse in the United States.
- Diagnose abuse and dependence and learn the differences between the two diagnostic categories.
- Describe the mechanism of action for methamphetamine's stimulant effects, and review the symptoms for intoxication and withdrawal.
- Understand the methods of abuse and describe the short- and long-term effects of methamphetamine use.
- Understand treatment options (pharmacological and nonpharmacological).

<http://www.drugabuse.gov/coe>

Evaluation method: Assessment questions and lecture evaluation

Product description: This curriculum module contains a PowerPoint presentation that offers an introduction to methamphetamine abuse and dependence in the United States. The PowerPoint slides can be tailored for different audiences, including preclinical and clinical learners. The goals of the lecture are to educate medical students and resident physicians about prevalence, diagnosis, and treatments of methamphetamine abuse and dependence. An interclerkship component is included as an attachment to this curriculum resource. This feature allows facilitators to use some of the lecture material in an interclerkship for students in their third year of medical school, when most have started their clinical education and may encounter patients with methamphetamine-related issues. The interclerkship curriculum provides important information about the significance of methamphetamine abuse and dependence and its effects on the individual and society.

Key words: Drug abuse; drug addiction; substance abuse; methamphetamine abuse; methamphetamine treatment

