



INDIANA UNIVERSITY

BORKENSTEIN
COURSE

Center for Studies
of Law in Action

Cocaine: Effects on Human Performance and Behavior

by
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This lecture will include a brief discussion of the history of cocaine followed an overview of the pharmacokinetics and pharmacodynamics of the drug with respect to the route of administration. Special emphasis will be placed on factors that need to be considered when interpreting the results of cocaine and metabolite concentrations in blood. The lecture will conclude with a discussion of the effects of cocaine on performance based on limited laboratory studies and data collected from driving fatalities. These effects will also be considered in light of simultaneous ethyl alcohol use.