



INDIANA UNIVERSITY

BORKENSTEIN
COURSE

Center for Studies
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Pharmacokinetics of Drinking Drivers and
Extrapolation of Blood Alcohol Concentration

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Extrapolation is also known as backtracking, back-estimation, back-calculation or retrograde extrapolation. It is the application of known pharmacokinetic parameters to estimate the BAC of an individual at an earlier time, such as the time of driving or motor vehicle collision. The pharmacokinetics of drinking drivers (such as absorption phase or time to maximum BAC) will be presented. Illustrative case histories involving extrapolation will be discussed.