Breath Alcohol Testing
Dubowski KM. The Technology of Breath-Alcohol Analysis. National Institute of Alcohol Abuse and Alcoholism 1991; n/a:42
Harger RN, Forney RB, Barnes HB. Estimation of the level of blood alcohol from analysis of breath. J Lab Clin Med 1950; 36:306-318

Effects of Alcohol on Driving Performance

Widmark Calculations, Elimination Rates, and Retrograde Extrapolation
The Rising BAC Defense

Gullberg RG, Predmore DB. Variation in blood alcohol concentration following last drink. J. of Police Admin, 1985; (10): 289-296


Blood-Breath Ratios and Comparisons
Dubowski KM. Alcohol analysis: Clinical laboratory Aspects. Part 1. Laboratory Management, March 1982


Mouth Alcohol

Wigmore JG, Bugyra IM. Decreasing the mouth alcohol effect by increasing the salivary flow rate. Can Soc For Sci 2003;(36)4:211-216
Chronic Obstructive Pulmonary Disease

Multiple Breath Samples on Same Mouthpiece
Lutmer BM. Multiple breath samples introduced in short time period through same mouthpiece. Unpublished data, 2006.

Interfering Substances
Harding PM, Dubowski KM. Report of the subcommittee on alcohol: Technology, pharmacology and toxicology. NSC-COAD February 1999

Invalid Sample Readings
Cowan JM. What causes an invalid sample on the intoxilyzer 5000? Alc Test Alliance 2006:1-3
Gullberg RG. Interpreting breath alcohol measurements associated with “invalid sample” results. IACT Newsletter 2006;17(2):5-8
DUI Consultants, LLC.  
Scientific Articles on Breath Testing for the DUI Gladiator


Hip Flask Defense:

Temperature/Fever:

Atkins diet/diabetic diet

Air Bag Defense

Mouth Fresheners/Asthma medicine
Endogenous Ethanol

Blood Alcohol Analysis

Urine Alcohol Analysis