

## Readings for “Using Emerging Technology to Combat Substance Abuse among Offenders under Supervision”

All of the readings for this course can be found on-line at [www.correcttechllc.com](http://www.correcttechllc.com) in the “Education” section of the website. The selected readings give the student a taste of the technology that is available. Students are encouraged to research the technologies not included in these readings on their own. The instructor does not endorse, support or in any way financially tied to any of the technologies discussed. The sole purpose of the course is to make the student more aware of the technologies that are available.

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- I. **Office of Juvenile Justice and Delinquency Prevention, *APPA’s Drug Testing Guidelines and Practices for Juvenile Probation and Parole Agencies*, April 1992**  
[http://eric.ed.gov/ERICDocs/data/ericdocs2sql/content\\_storage\\_01/0000019b/80/12/e6/5e.pdf](http://eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/12/e6/5e.pdf)

Read Section 5 (5-1 to 5-12) Methodologies

### Self Assessment Questions

1. What are the “twin dangers” of accuracy and reliability?
  2. List the eight issues that must be thoroughly examined before selecting a methodology or a vendor.
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- II. *The Future of DIRECT Surveillance: Drug and Alcohol Use Information from Remote and Continuous Testing*, by Beau Kilmer.  
[http://www.bepress.com/cgi/viewcontent.cgi?context=jdpa&article=1004&date=&mt=MTIyNTM5NDc3MA%3D%3D%0D%0A&access\\_ok\\_form=Continue](http://www.bepress.com/cgi/viewcontent.cgi?context=jdpa&article=1004&date=&mt=MTIyNTM5NDc3MA%3D%3D%0D%0A&access_ok_form=Continue)

### Self Assessment Questions

1. Describe what the author means by DIRECT surveillance.
  2. According to NHTSA, what percentage of time does the SCRAM™ device correctly detect alcohol use?
  3. Discuss the advantages and disadvantages of such a system.
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- III. NIJ Research Brief, *Hair Analysis as a Drug Detector*, by Tom Mieczkowski, Ph.D., 1995 <http://www.ncjrs.gov/txtfiles/hair.txt>

### Self Assessment Questions

1. What are some advantages to hair analysis over urine testing?
  2. What are some disadvantages to this approach?
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- IV. *Regarding Drug Testing, the Eyes Don't Lie*, by Beth Hilyer  
<http://www.khnl.com/Global/story.asp?S=7096034>

### Self Assessment Questions

1. What logistical problems might an agency have when implementing a remote pupilometry drug testing program?
  2. Why would this technology be especially attractive to a large rural jurisdiction?
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