2/20 A/C Meeting

SOP w/ Blood Control for a/c
- Aq for ~~Sim~~ BOTH
- Blood for ~~a/c~~
  ↳ new first of month

PTS in SOP?

List of needed sim

afflogo7

3/2 Orgo Mtg

- Sample Acceptance Test should say passed
- Installation Report
  - Std Dev not accurately calculated
  - Sim Temp not printed under A+P
- DUI Sub test
  - Larger logo
  - Center State of VT
  - Add Cert & Install dates
  - Add dashes to separate before Obs Start
  - Add space btwn Sub Sample #1 & following blank test
  - Internal Standard should say PASSED not Verified
- Calibration Report not correct
- Check-in doesn't go anywhere
- Clarify Check in + DUI buttons
- Subject take test Y/N? Refusal?
- Does not print failures?
- Sup test should be named Accuracy + Precision
- When running A+P, must enter Sim [x] 2x
- RPC SHOULD have A+P
- Both RPC + APM SHOULD have RFI Check
- Password is currently required to run subject test
- Move A+P & Diag under Protocols menu
- Review
- Sim Change goes nowhere

2/19

Dave Questions

- New board? ~~Why~~ Pic 2.5?
- Some boards have connection at R91 ~~Some~~ most dont?
- Why temp reading 88? → Amp bad

.02 testing - NPAS .018 - .019

- Training certificates - Resend emails

2.04 → 2.05 comm error
R91 -

- Ethernet?

SA Meeting

1. Introductions
1. DMT
   - How many we have
   - where they're going
     - Franklin Ct
     - Agency's 5

2. In house testing
   - binders
   - live subject
   - lin - int.
   - vol - mouth

3. How they work
   - what's new - 3 filters
   - what's same - IR
   - external printers
   - tickets!

(4) - Software features
- Same
- Postal
- Refusal
- PPC

(5) 4. Training Schedule Proposal
   - 4/14 pending software
     Possible push to 5/12
   - Implement 5/1 or 6/1
   - Required at Franklin Ct
   - Offered to G.I.
   - SA training required (3 hrs?) 4/18? 5/16?
   - Officer training NOT recertification

(6) Questions?

Pat underwood

21:09:43

12/29/09	21:12:14		DUI	098	094	
1/1/10	03:10:19		D	098	092	F
1/3/10	03:41:01		D	098	094 /093	
1/7/10	18:13:30		D	098	093	
1/9/10	01:15:37		D	098	093	
1/15/10	23:38:16		D	098	092	F
1/15/10	23:40:45				092	F
1/15/10	23:46:39				092	F
1/15/10	23:51:25				092	F
1/17/10	01:47:07			098	093	
1/18/10	18:07:42				093 /092	
1/29/10	23:26:48			098	34 095	
2/6/10	04:36:56		D	098	33.9 096 / 096	
3/3/10	20:08:09		D	.10	34.0 095	
1/22/10	SH	10:04:20	✓	098	34.0 098	
1/22/10		17:31:34	✓	98	34.0 097	
10-15-100 12/18/09	SH	10:24:10	In		096 33.8	
				093 -	078 103	
2/19/10	C	11:07:25	RPC	09-40-100	.10	34.0 $\bar{x}$=.099
1/22/10	10:14:08	SH	SSC	10-15-100	.098	097 34.1
2/19/10	09:51:53	C	SSC	9-40-100		097 34.0

APM
TSI
Cal / Cert
RFC
Installation
Site eval
Site aggreements
Training Records - roster / eval / sup contact
Correspondence
NPAS technical bull/items
Manuals (NPAS)

Affidavits
Correspondence
Billing
Blood A/C
Sim Soln
Blood A/C PT
Discovery
Seperends

DMT

SOPs

- NPAS Manual

failed install

① If install fails, failure report prints. Is this a failable piece of info? Do we need to maintain those records? (Hard or electronic)

② RPC same ①

③ APM ? failure?

- Install / APM failure
  - Print OK, copy OK
  - Print last good report
  - if power off/on then NONE

We got the beep

Start timer?

DMT vs. BAC

1. 3 filters vs. 2 for increased interference sensitivity
2. Invalid sample criteria more sophisticated
   - BAC 4(+) → a) 3 (-) 2-point averages after 6 (+)
   - b) if final result is ≥ 0.06 but less than 95% of any previous high reading
   - Not on BAC → c) any final result ≥ 0.003 but < 0.06 is lower than any previous reading by at least 0.003
3. Mandatory heated zones now include breath tube
4. Breath volume monitoring
5. 5% Acceptance range based on TV of sim soln
6. ~~Mandatory RPC~~
7. ~~Maintenance now built-in software protocols~~ (Cal Cert Inst Arm RPC soln ch)
8. Mandatory built-in 15min obs. period
9. One-way valve on breath tube w/ "Suck back error" fail safe.
10. ~~Record retention, memory ON~~
11. ~~external printer~~
12. ~~Windows based user friendly interface~~
13. ~~Real-time breath/alcohol provide graphic~~
14. ~~8½ x 11 ticket w/ graphs~~
15. Smaller sample chamber
16. more sensitive detector
17. ~~Computer~~ Digitally controlled ~~voltage~~ Potentiometers for voltage setting
18. Graph displays ~alcohol [x] even if full sample never received.
19. Surface mount technology on controller boards Save space and reduces power dissipation
20. 12VDC capable
21. Filter wheel

South Carolina
- Brett Baker 803 - 896 - 7583
- Debbie Banks 7570

DMT Software fixes / wish list
- Change "Internal Standard" to "Calibration Check"
- fill all date fields in header on Diag + A+P
- change header on Sim Change to Seal vs. logo
- Add A+P test to APM
- Calibration report to include solution lot # & [x]
- If RPC attempt aborted becomes required ??
- Multiple test sequence - screen still says "Month A/c"
- HELP menu
- A+P changes sim [x] TV
- Run x2 kills data glitch
- .000 Blank .001 .002
- Add DMV

~~Cal~~ Cert 123106 (full testing)
122306 ok for training, needs full testing
~~103106 align filter wheel~~ Cal/Cert
102506 chopper motor
122106 mate sim to DMT, finish T°

102506 - Chopper/Cal/Cert
123106 - full testing ok for training if 102506 not working
103106 - ~~Cal~~/Cert/Full testing
122306 - full testing ok for training

G3879

After recall / recent old ins disappears
Not in data or download folders

~~Failed install not showing up~~

RPC & Install not updating Sim
Solution [x]

Grace Period? time length

- Provide operators manual to SA's (get 15 from UK
w/ letter explaining changes
  DMT Sup man
  DMT op man.
  Due by 11/30

- Look for chewing tobacco article

- Call SC re: sims

- Steve to go find sims by 12 10/17

~~102506 - Cut, Sim~~
103106 - Cut, test
122306 - test, ok for training
123106 - test
~~SIM SOON~~
finish packing for training
→ ~~Calendar~~

DM data in Alms
- cal/cut lot [x]
- RPC track
- TSI info
- Sim solution info

Sign out projector
Data Archive

Training Record, competency assessment

- Provide OP manuals to SA's w/ letter explaining changes
- Blood Pb Training
- DMT Launch
- DMT Testing
  103106
  123106
  122306
- Training/ Competency
- ☆ Cons w/ DMT info
  - Cal/Cert info
  - SIM soln
  - RPC track
  - TSI w/ TAT
- Data Archive

1. Breath Record Summary 11/1/08 - 8/6/09
   - I noted each time the simulator solution was changed, subject highlighted
2. Maintenance log documenting solution changes, RPC's and errors
3. operator log
   - Subject in question highlighted
4. Cal
5. Cert
6. Install
7. TSI 11/24/08 correcting installation glitch
8. Solution change 2/4/09
9. RPC 2/4/09 including failed attempts
10. TSI 2/4/09 documenting "glitch" which occurred during RPC attempt
11. Simulator Solution change 4/9/09
12. Simulator Solution change 5/3/09, Solution concentration mistakenly entered as 0.009, the true value should have been 0.099. This mistake caused the instrument to report standard out of range ~~multi~~ the entire month of May until the next solution change
13. Simulator Solution change 6/9/09
14. RPC 6/10/09 including failed attempts
15. Simulator Solution change 7/27/09

1 Screws loose on lamp
2 Changed 5-way
3

Judson good

SA bad - we have to ask for new ones
35% failure rate
6 month burn-out

Ask for exact #!
Hamamatsu need longer burn-in (4 day)
are much more sensitive

Hamamatsu detectors ok

"Sensoray detectors suck" - Chris admits, Dave won't

in field - 6 mos op detector drifts high looks burnt

1/10 ~2 calls a week

Sensoray

104706 - 118006 ~ ok
126106

- Set screws on motor loosen changed to Phillips on top not on side on filter wheel assembly