William Thornton, M.D.
701 Coward's Creek Road
Friendswood, Texas 77546

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Dr. Wyckliffe Hoffler
MD-D KSC
FAX 407 867 2679

Dear Wyck

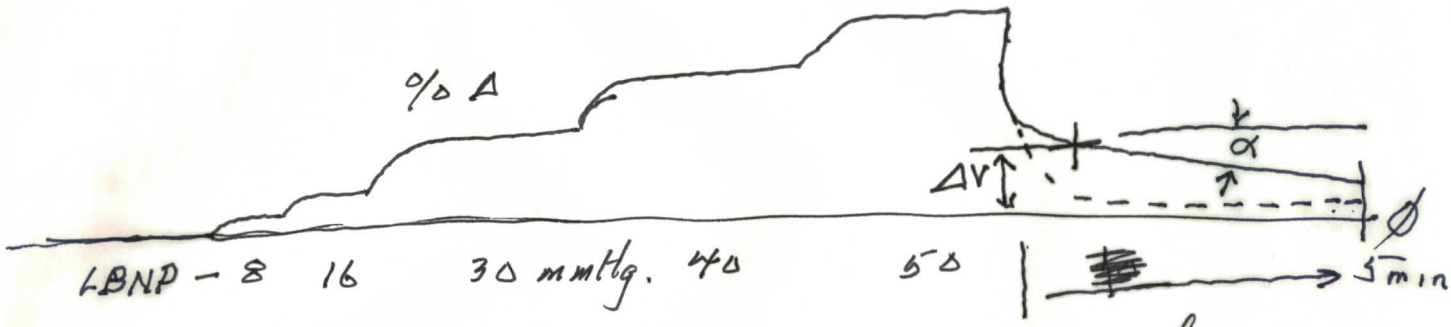
Your data pack was here when we returned from a trip to N.C. (UNC surgical society, etc. & it snowed the day we left.) Thank you very much indeed. It bore your usual hallmark of precision. I sat down and extracted the portion I wanted on SL-4 and my estimates from SP-377 figures were statistically sustained - vol.

Two questions: I assumed the % figure at baseline was in fact the base line which were not zero for SL 3+4 and thus had to be subtracted from % at recovery?

Also I assumed the recovery data point was the end of the 5 min. recovery period?

Is there any chance of getting at or copies of the graphic records. What I'm trying to get is an estimate of increase in

from tissue fluid
leg volume ↑ after neg. press as below:



This is messy; but on pressure release there is an almost instantaneous change followed by a rapid exponential decrease to + at which it is asymptotic to a slower decrease with a slope α. I believe the ΔV at point + represents fluid after the blood run off. I was hoping to get both ΔV's and slopes (both of which are small pre flight) in flight when the legs are 'empty'. The data at five minutes will be a good approx. of ΔV. I'm still trying to get them to use positive venous pressure to return ± hold fluid in the legs prior to return and will send you a copy of a paper/proposal. It's hard to believe they aren't measuring volumes ē all the LBNP going on.

Again thank you and would welcome the opportunity to reciprocate.

Sincerely
Bill