







June 26, 1967

Dr. Pentti Rautaharju
Department of Physiology
Dalhousie University
Halifax, Nova Scotia, CANADA

Dear Pentti:

If you can instrument your proposal in time, I agree to go ahead with it. However, I am getting Ancel's advice before we finalize the plan.

I definitely see the advantage of simultaneous Frank and conventional leads in the same individual but list below some negative considerations which we should make.

- 1) Transport of another major valuable piece of machinery, not covered under the budget here for this. Problem of a 50 cps motor for it? 
- 2) Primitive work conditions of Velika Krsna and as of now, questionable power supply. 
- 3) Relative absence of abnormal ECG findings in Velika Krsna (e.g. 5 infarct Q waves, 1 ischemic post-exercise ECG). 
- 4) Your suggestion of one ECG station only commits us to recording only the routine step test rather than a graded exercise test. It's relatively easy to add a new station, but impossible to add another ECG routine at the same ECG station which would double the time required there. 
- 5) How realistic is the likelihood of getting Caceres' diagnostic program going at Dalhousie on the conventional leads, and making the comparison you speak of. 
- 6) The questionable receptivity of Medtronic to doing the belt for us (small profit, etc.). Please call Norm Hagfors at Medtronic and give him instructions. He can omit the McFee terminals. 

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Instead of providing at one station the conventional 12-lead records on paper, under the conventional rest and step-test protocol, I suggest rather that we establish a separate station for a bicycle test to a given heart rate and record a protocol of rest and exercise as we wish.

The question of another station for pulse waves will have to be discussed with Ancel. We will need another M. D. or technician there, and he might want to enlist Gyarfás from Budapest, or Dontas.

I will call you on this in the next few days. I am delighted with the progress we are making.

Regards,

Henry Blackburn, M. D.

HB/rk

c.c. Dr. Keys