

New Year Day 1931

520 N. Bedford Drv.

Dear Ralph:-

The same to you. It was a good party. Much better than I expected. And I got my money's worth. And while I was afraid for you at first, afraid that they would not attend during the hard times, I am tickled now that you did it and I am particularly tickled that you got away with it big.

Send me Bardeen's correct name and address. I want to write him a note of appreciation. I feel that I owe it to him.

I saw Ike's letter. Thanks for the compliment but therein are you just crazier than hell. I wish that I had a gang around me like yours so that I could fight with them and work with them.

It is difficult to say exactly what impressed me most about the party, but I believe that I was tickled most than McGill's technique does not look so good to me as it did before the party. Vanity and jealousy are mine. Our closed endotracheal still holds up, and open or closed, the direct vision introduction of the catheter is best. You said 'er.

I am growing more interested all the time in this CO₂ - Oxygen - Ether acapnoea (Sometimes apnoea) that I am getting. I am wondering just what I am doing. Have had it twice since I came home, and was a bit more courageous than before. In one case the thing went about as follows.

Gastric resection for ulcer scar etc. Partial. Man age 30 - weight 160. Apparently normal risk. Ethylene ether induction and introduction of short endotracheal tube by the usual CO₂ technique. About three quarters of an ounce of ether vaporized. Induction, insertion of catheter etc consumed about ten minutes. Then after readjustment, settled down to trickle of oxygen through ether. Oxygen much plus, but dont know how much. For thenty eight minutes thereafter the patient did~~n~~ not breathe once of his own accord. Pink color, lasted on the average of two minutes at the end of which periods I would squeeze the bag once or twice and the beginning cyanosis, would disappear immediately, and hold for about two minutes more. Eyeballs oscillating, pupils normal - in other words, light anesthesia throughout, but 'Spinal' relaxation. Did na have B.P. cuff on, but pulse did not seem to change except for what I believed to be a slight acceleration after twenty minutes, with what I thought was an increasing volumn. I got cold feet after twenty eight minutes and put in the filter. Even then I had to squeeze the bag several times before the breathing commenced again. After normal filter breathing had been established for five minutes, I again put in some CO₂ from the tank, and cut out the filter. Almost immediately - within two minutes - I had my apnoea again and held it for

five minutes more when the operation was nearly finished. At this time I simply removed the mask and respiration started by itself in about a minute. probably less than a minute. Normal respiration immediately established itself and I allowed it to ride until the shik was closed. Then I sprayed CO2 against the endotracheal catheter end and got the expected respiratory stimulation or ventilation.

You are right. The more I see of CO2 the less I know about it.

In the other case referred to, I repeated the same thing but for a period of apnoea lasting only twelve minutes. Think about this some and try it out. Try it cautiously because I do not have any idea of the reaction involved.

Got home O.K. Ike had held down the job in good shape and although business is dull, I did not lose as much money by my absence as if Ike were not here.

My regards to your family. Your family is a peach. Happy New Year to all of you. Again it was a good party. I would say better than last year, but my opinion in that would be biased. Please feed Pretzo well and dont let him get too cold.

Ike is goofy about getting stuff from you. There is nothing that we really need. Have plenty of everything. He was referring to a McKesson Catheter connection, but I have one that I made out of a Foregger valve that suits me fine.

The Mayo's have a lot of Hargrave catheters on hand that they do not use. I have offered them fifty cents each for all of their #28 and #30 sizes. They have #32 s 34s and 36s that I cannot use. Hope they take me up.

When we get time we will make a couple of good balloons for you. By the way, when you are making balloons, bear in mind that the small inflation catheter might leak. Out of seven No 8 Eynards, I found five that leaked air. I am now trying them under water, making pressure within them with a syringe.

Go chase a duck.

Art.