



10 DOWNING STREET

THE PRIME MINISTER

Personal 18th September 1953

Dear Arnold

I recently met and had a long talk with Dr. Donald Longmore of the National Heart Hospital about the National Health Service but more particularly about Nuclear Magnetic Resonance and the early diagnosis & treatment. It is indeed possible. I am discussing these matters with Norman Foster.

I understand that Dr. Longmore is very anxious to have a meeting with

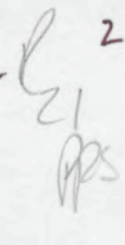
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you to ensure that the potential
of N.M.R. is fully exploited & that
opportunities are not missed. You
start say the first time you can see
him is NOVEMBER. Can it be
brought forward?

I am going to the States on
the 25th September. If you are having
any difficulties with marketing this device
through the company you have
approved - I should like to know before
I go so that I can pursue the matter if
you so wish.

In haste

Yours ever
Margaret

Prime Minister  2
PPS

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19 September, 1983

Dear Margaret,

Thank you for your letter of yesterday,
and indeed for taking the trouble to write about NARE
in the midst of so many pressing preoccupations,
and in the course of travelling, to boot.

We are in close touch with Donald
Longmore, and fully understand his views. Basically, he
wants a small machine capable of cardiac diagnosis. So
do we. There are considerable technical problems, and
the R and D costs will be large. But we want to do it.
Before getting too far down the road on this project,
however, we need to do more work on the machine
we are already making in Wembley and in the United
States. We must get a greater consistency in the results
without recourse to operating teams of a quality higher

them is likely to be available. We would like to
improve the power of the cheaper version of the machine, and
to bring its performance to a higher level. And all
this work is highly relevant to what Longmore wants
us to do anyway.

Longmore is a very capable fellow, and a
great enthusiast. It is not so long ago that he wanted
me to commit heavily to development of ultra sound
machines (which we pioneered here) in the belief that they
could do what experience has so far indicated they
cannot. I do not want to pour cold water on the
proposal for a small N.A.R., especially since we intend
to do it, but we should not approach it with
reckless abandon.

I will arrange to see Longmore sooner rather
than later, and I am at your disposal if you want
more information on the subject. Your interest in it
will certainly serve to spur us on.

Yours,
Arnold

P.S. I hope you were able to enjoy the delicious smoked eels and
fresh herrings we were eating in Holland during the week-end.



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Robin

The Prime Minister
has written a personal
letter to Lord Waverley
over the weekend. Attached

by 18/9