

Special Delivery

February  
fourteenth  
1928

Dear Dr. Martin,

I am enclosing a very tentative estimate of the cost of equipping a neuro-surgical laboratory; of adding certain necessary things to the operating room equipment and certain clinical operations - for the Royal Victoria Hospital.

I am quite sure that some of the estimates are too high and that in certain instances such as desks, typewriter and sonon, something may be saved by getting second hand apparatus. However, I am equally sure that many items are not included and that some of the estimates are too low. Three years ago, I equipped this laboratory here, and have a pretty clear general idea of what the equipment cost.

Dr. Russell has offered to have his Zeiss microphotographic apparatus put in the laboratory so that it would be only necessary to install a microscope in it and to get the special photographic lense and eyepieces for high magnification in microphotography.

The laboratory must run as an independent unit. It would certainly be necessary to have a first class full time secretary as well as technician. The volume of work should at least, be as great as that in this laboratory and there has never been a time from the day when the laboratory was founded when both secretary and technician had nothing to do.

I have today had a letter from Naffziger of San Francisco, saying that he would like to send on a Dr. Jones, who has evidently been his resident, to study neuropathology. Dr. Frazier of Philadelphia, is also expecting to send Dr. Gardner to work in the same field. At the moment I do not know of any other voluntary workers but it seems quite possible to me that it will be necessary before long, to add additional equipment for additional workers. I am expecting that there will be three or four regular workers from the neurosurgical service in the laboratory. The addition of Dr. McKay and one assistant who expect to work up interesting material from the Montreal General and of Dr. Russell if he decides to work in the



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laboratory, will bring up the number quite considerably.  
I want to thank you for your sympathetic help in these  
various arrangements.

With best regards,

Sincerely yours,

Wilder Penfield.

Dr. C. F. Martin,  
Faculty of Medicine,  
McGill University,  
Montreal, Canada.

WP:EG



*Estimated Estimate of Items needed  
for Neuro-Surgical Clinic.*

I. OPERATING ROOM

Cerebellar head rest for operating table .....	\$ 100.	
High table for cerebellar operations .....	600.	
Chair for ganglion operation .....	150.	
Ganglion retractor and other instruments .....	200.	
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		\$ 1050.

2. LABORATORY

Cupboards & staining desk fixtures & room alterations .....	\$ 400.	
5 microscopes @ \$132. ....	528.	
3 binocular attachments for same .....	258.	
Special photographic lense and eyepieces .....	150.	
Microtomes & knives .....	478.	
Rotating knife sharpener .....	150.	
Incubators for embedding and fixing .....	285.	
Ediphone .....	400.	
Typewriter .....	100.	
Glassware & brain crocks .....	300.	
Paraffin embedding table .....	40.	
Desks and filing cabinets & slide cabinets ....	400.	
Initial outlay of chemicals .....	150.	
Laboratory reference books .....	100.	
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		\$ 3739.

3. CLINICAL APPARATUS

Perimeter .....	\$ 60.	
Barany chair .....	90.	
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		\$ 150.

GRAND TOTAL      \$ 4939.