

respectively to physical investigations and the teaching of students, to X-ray diagnostic work and radium treatment, and to high voltage X-ray therapy, artificial sunlight and electrical treatment.

The high voltage X-ray apparatus on the fifth floor of the department is unique in this country. Very high electrical pressures are utilised in order to obtain penetrating X-rays. The equipment was constructed specially for the hospital by a British firm, and is the first of its kind. The advantages of incorporating high voltage research with clinical practice are apparent, the design of much of the apparatus and the conditions of irradiation being the result of the work of the Hospital's experimental laboratories. Detail has been carefully studied, as, for instance, in the matter of

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The Bedford Doll.

Nurses will be gratified to know that before leaving the hospital, the Queen visited the Nurses' Lecture Room, and there expressed great interest in the Bedford Doll, not having seen one before; Her Majesty thoroughly inspected its mechanism, expressing admiration of this invention, of the very latest design and entirely of British make.

For all guests, tea was provided in the grounds, where masses of pink hydrangeas made a gay show, and the Band of His Majesty's Scots Guards played delightfully popular selections.

The Management of the Cancer Hospital is to be congratulated on the addition of this wonderful building to their hospital, and its faultless arrangements on this occasion.

Alice Stewart Bryson.

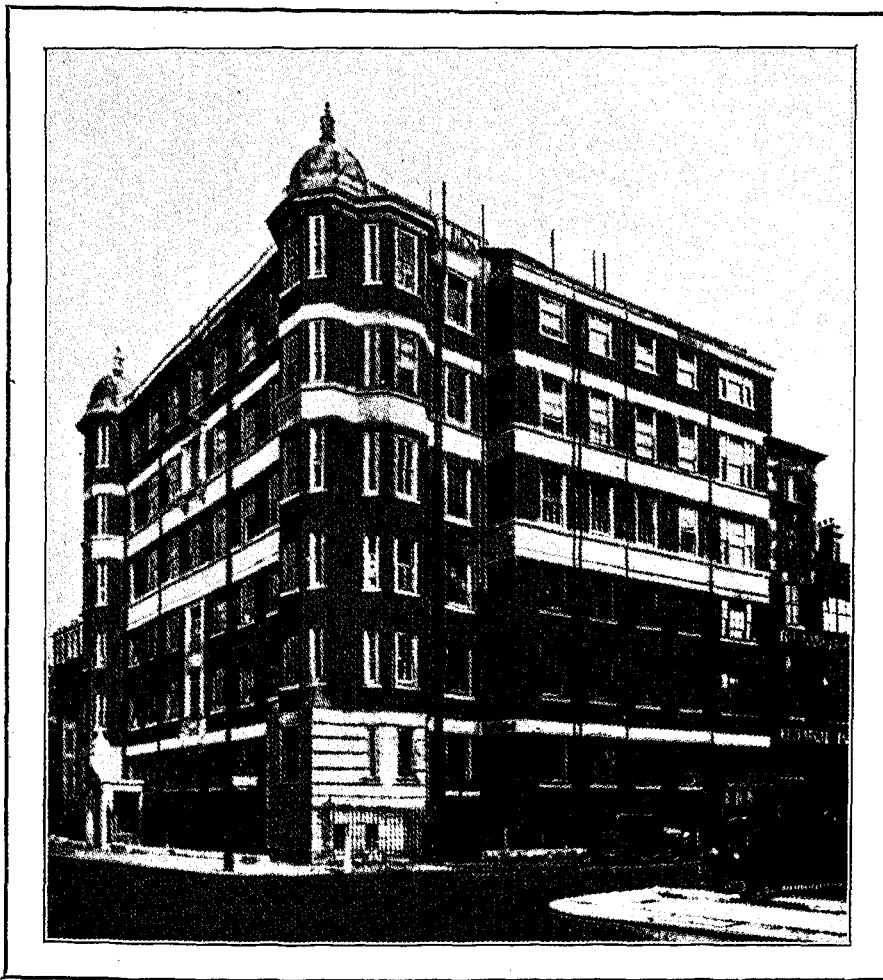
QUEEN CHARLOTTE'S MATERNITY HOSPITAL.

The 195th Annual Report of Queen Charlotte's Maternity Hospital is a record of continued progress of which the Committee of Management may well be proud. Experience has shown that the capacity of the hospital is inadequate to meet the demand for inpatient treatment, and the urgent need for additional beds is emphasised. The total number of in-patients during the year was 2,771.

The scientific staff of the Bernhard Baron Memorial Research Laboratories has remained unchanged, and very valuable results, some of an unexpected kind, have been produced by their special investigations. They have opened up further promising lines of research, not only from the angle of distinguishing between types of harmless and virulent streptococci, but also of individual carriers of one or other of these types. It is specially interesting to learn that during the course of these investigations an important side-line has presented itself, which may throw light on one of the most difficult problems at the Isolation Block, namely, the natural preventive defences against thrombosis, which so often leads to septicæmia and death.

Every patient, both in the Main Hospital and Invermead, receives an anæsthetic during her confinement, and this service is now being extended to the District patients. Training in the administration of an anæsthetic by means of chloroform capsules is now being given to the pupil midwives.

The number of pupils who sat for the Central Midwives Board Examination was 127, and all but five passed. The percentage of failures over the whole country was 20.9%.



GRANARD HOUSE.
Private Wing for Paying Patients.

protection of the operators, in the measurement of doses of X-rays received by the patients, and in the new device of using wireless apparatus to enable the patient to speak to the operator, although the latter is some distance away in a separate room.

This Department greatly interested the Queen. The "Radium Bom," containing one gramme of radium (worth some £12,000) aroused much interest.

The Queen took tea in the Matron's sitting room, the Matron, Miss Jacomb, presiding. Among those present were Lord and Lady Granard; Mr. Cecil A. Joll, M.S., F.R.C.S.; Mr. Percival P. Cole, M.B., Ch.B., F.R.C.S.; Mr. Cecil Rowntree, M.B., B.S., F.R.C.S.; Mr. R. H.

[previous page](#)

[next page](#)