

LONDON HOSPITAL EQUIPMENT FOR MOSCOW.

Oxygenaire has been operating from London for about 25 years, during which period it has retained its small Private Company identity, with its two Shareholders, Mr. & Mrs. G. W. Higgs, the sole Directors. During this period Oxygenaire has grown by its own efforts and has probably done more than any other Company in Europe to extend and propagate the range and use of Oxygen Therapy equipment

New Equipment For British Hospitals

Moscow Demonstrations

Great strides in Cardiac and Thoracic Surgery (especially that known as the "hole in the heart" surgery) that have taken place in British Hospitals have attracted world wide publicity, and Oxygenaire has now reached a new peak in Oxygen Therapy development by devising a Refrigeration/Oxygen Tent which is used in the post-operative nursing of such cardiac cases. This equipment is unique in that it has a built-in Refrigeration unit, together with a humidifier/aerosol device. It follows, therefore, that in a ward temperature of about 65/70°F. the temperature inside an Oxygen Tent Canopy can be reduced by about 20/25°F. on an oxygen litre flow of 4/8 litres per minute. Reduction in temperature with a patient in the tent depends upon the patient, i.e. whether it is a child or a heavily built adult, as the volume and temperature of the patient offers varying resistances to the reduction of the interior canopy temperature. Coincidentally with the achievement of high humidity (even super saturation) washout of C.O₂ and other exhaust gases from the patient are remarkably reduced to the low proportion of about 0.5%.

The overall design of this unit is revolutionary in that all round accessibility to the patient is facilitated by the equipment being built on a low slung chassis that slides under the patient's bed yet allows easy access to the very, very simple control panel upon which, for nursing simplicity, there is but one switch and one control knob.

The canopy itself is completely transparent with zip apertures placed in the most practical positions to allow complete accessibility to the patient by the nurses and doctors who are in attendance. The unit also provides drip feed stand holders so that, coincidentally with oxygen therapy, drip feeding and transfusions can be effected.

It is sometimes required to achieve all the aforementioned objects by using an Oxygen Tent without necessarily using Oxygen at all, or when using Oxygen on a very low litre flow. This can be effected without diminution of the full cooling results because of the extremely efficient trouble free circulation motor blower that is built-in. It is this piece of equipment that is being demonstrated by Mr. Stephen Sullivan, General Manager of Oxygenaire, in the Academy of Medical Science, Moscow, when he will be accompanied by Mr. F. G. Croasdaile, Chief Designer and Inventor of the Oxygenaire equipment.

This unit is bound to simplify and increase efficiency in nursing ALL cases where Oxygen Therapy is prescribed.

Mercy Dashes

Oxygenaire gives a day and night, 24 hour service throughout the British Isles having the emergency nerve centre at Duke Street, Wigmore Street, London, with Depots strategically dotted throughout England, Scotland, N. Ireland and Eire.

Great co-operation has been shown to Oxygenaire and Hospitals by Scotland Yard and Police Forces throughout the four countries. This is very evident when dire emergencies arise where the birth of quads prematurely in the small hours of the morning cause Incubators to be sent from the nearest Oxygenaire Depot to the place of the multiple birth, or where there has been an industrial or mining disaster when many Oxygen Tents are required at one location. A typical case happened last year when a mining accident involving about 30 miners required equipment at a West Country Hospital specialising in plastic surgery. The Oxygenaire Depot at Cardiff was alerted who in turn flashed an emergency call to London Headquarters. All Depots within 50 miles of Chepstow were alerted inside 4 minutes and Scotland Yard called in their mobile Police Force who covered all the traffic points so that Oxygenaire's vehicles, filled with trained Operators and Oxygen Therapy equipment were permitted to use maximum speeds on

their mercy dash. On such an occasion the Mobile Police act as out-riders, and block all cross roads, traffic lights and any other obstructions that might delay for even a second the Oxygenaire Squad.

Nor are such Oxygenaire emergency dashes confined to the United Kingdom. Hospitals in France, Austria and Yugoslavia have been visited from London within 12 hours of call. Early last year we learned that a piece of Oxygen Therapy Equipment in one of our Commonwealth Hospitals in Suva, Fiji Islands, was proving difficult, so one of Oxygenaire's technicians was flown the 10,000 miles and was servicing the equipment, on the spot within 72 hours from the time of call.

On the Technical side, a team of qualified demonstrators visit hundreds of Hospitals and University Courses every year where they give full demonstrations/lectures on Oxygen Therapy generally and on the use of Oxygenaire's equipment in particular. Messrs. Sullivan and Croasdaile have within the last 18 months visited the Medical Faculties of the leading Universities in Yugoslavia, Austria, France and South Africa, and in October, 1959, are visiting the Academy of Medical Science, Moscow.

Comprehensive Range of Equipment

Premature Baby Incubators. Originally the equipment was restricted to one type of wet ice oxygen tent, to-day the complete range includes the latest Premature Baby Incubators in the World, which are in demand by all Paediatric sections of the leading Hospitals in Europe and the Commonwealth. This is the type of Incubator that has been used for nursing sets of quads, triplets, twins and other premature babies.

Portable Incubator is also in world-wide demand as it has the unique feature of being the only Portable Incubator having a source of humidity based on thermal convection principles. In all our equipment no effort has been spared to cover all safety precautions to protect the well-being of the patient and to simplify nursing.

High Oxygen Concentration Unit, is another development wherein Oxygen concentrations of up to 95% are obtainable, in conditions of high humidity and strictly controlled temperature.

Oxygenaire has developed many types of units prominent amongst which being the Atomiser/Humidifier. On a recent Lecture Tour in South Africa, specialists voted the Oxygenaire Atomiser as the finest available in the World. This is the device whereby an oxygenated solution can be administered as a dry mist, the particle size having been broken down to half a microne. 3 c.cs. can be administered to a child within two minutes, which two years ago took 25/30 minutes.

It is interesting to note that this London based Organisation, still small, without big group connections, still preserving a family business atmosphere, has nurtured and trained its own personnel up to standards that are equal in their sphere, when measured against the leading Organisations throughout the World. It is reassuring to know that British Hospitals have available in the Oxygen Therapy field, equipment invented, designed and manufactured in London that is second to none when compared against equipment used anywhere else in the World. It is also interesting to know that nowhere else in Europe is there a flying squad emergency service, having such a comprehensive range of equipment, on call 24 hours, day and night, ready to serve all Hospitals be it one of the famous Teaching Hospitals of London or another metropolitan centre, or whether it is the most remote country cottage Hospital.

The Policy of the Oxygenaire Organisation remains as it has been for the last 25 years, that the Company exists to serve the patient with all its resources through the Medical and Nursing Staffs in our British Hospitals, whom it is always a pleasure to serve.