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Overview of the work at the EMERGENCY Surgical Centre Goderich

I work at the EMERGENCY Surgical Centre Goderich, Freetown. EMERGENCY is an Italian Non Governmental Organisation. Its main priority is War Victims.

In Sierra Leone as there is no more war since 2000, Emergency offer free medical care to the needy Sierra Leonean.

The main activity in Sierra Leone is Emergency Surgical intervention.treatment of Trauma cases, Orthopaedic Reconstructive Surgery including children with Congenital Deformity. and a Paediatric Medical Centre.

EMERGENCY relies 100% on Donor for the running of the Hospital.

There is currently 100 beds and 90% of the staff are locals.

We use mainly broad spectrum Antibiotics like Ampicillin,Ampiclox,Cloxacillin. Procain Penicillin,Benzathane Penicillin,Chloramphenicol and Ciproxin.These Antibiotic are used as first line antibiotics .

Cephalosporin (3rd Generation),Piperacillin(Tazobac), Augmentin are reserved antibiotic.

We used mainly Non-Steroidal Anti-inflammatory Drugs namely Brufen, Voltaren,Piroxicam, other Analgesic include Paracetamol,Novalgin(these are use as analgesic and as Anti-pyretic)

In the Intensive care we used Pentazocine and Tramadol as analgesic.

Since we have a Paediatric Medical Centre we used the medicine listed above in the Paediatric form.

Due to lack of continuous Electricity in Sierra Leone most of the people use lamp with fuel(Kerosene) because of this there is an increased in the number of Burns patient especially amongst children with a very high mortality 60-70%, one of the reason of the high mortality is protein deficiency this is due to unavailability of parental high protein infusion. on this i will like to include parental feeding infusion as one of the needs of our Hospitals

Among the IV Infusion we used are Ringers Lactate, Normal Saline (0.9% and 0.45%) and Darrow's Solution.

We Used Haemacel as plasma expanded.

Specialised drugs like Anti-hypertensive, and Anti-Diabetic are rarely used.

Anti-thrombotic drugs are used but not very often.

In the Operating Theatre they used mainly Halothane, Ketamine and Muscle relaxant

I hope that the information given above will be of use to you and that you will used it to help us in Sierra Leone. Health is very Expensive and unfortunately 60-70% of the people are very poor and therefore cannot afford basic medical treatment. We therefore really, mainly on Kind Hearted people to help us.

Thank you for your Attention

Dr Harold Lewis