

UNIVERSITY OF KHARTOUM
SOBA UNIVERSITY HOSPITAL
ANNUAL REPORT
1981 - 82

INTRODUCTION:-

It is a pleasure to present to the Reader the achievement and activities for a complete year for such an educational Firm that is Soba Hospital.

After the new reorganization of the Firm by having two Consultancy Groups one administrative and the other is medical the out-put of the Firm was an excellent one due to the Cooperation between all the executive organs both administration and medical as well as the Consitant Consultation made by chief of Sections - as a matter of fact this Firm is keeping an standard because of the decentralization as both administration and finance sectors which is very essential for an educational firm like Soba Hospital to go ahead with it is functions. In Coordination and Cooperation with Ministry of Health is agreed that the Ministry provides the Hospital with medical officers - 6 medicine and 6 surgery, as well as their salaries - besides Soba Hospital provides lodging near the hospital, as for the Seconded Drs. Soba Hospital seems to be a training Hospital for the Registers and Rs. Siting for their M.A Diplomas - as for training intensive education programe in being into effect and accordingly the increase of students now is up 1385 students - as for Registrars training they reached 89 - post graduate.

Drs. as well as House Offices is now 543. As for training to other cadres and due to lack of funds the following local training put into effect : 20 typist sent to training at the clerical training Institute as well as labourers to get training at the vocational training Centre. The Hospital also succeeded in sending 3 nurses to the U.K. to get their training in intensive Care Units - also some figures Contributed in external seminars and training Courses - as for the new construction in the Hospital ward is in progress in the new labs but as for the Casualty Division works has stopped and if not some efforts made to get it completed it will be a great loss to this Firm.

Below, find the Soba Hospital achievements through the last year.

MEDICAL ACHIEVEMENTS :-

STATISTICAL AND MEDICAL REGISTER :-

It was our good to develop the Statistics division bearing in mind that without Statistical data the break down of the achievements will not be clear and accordingly Statistics division has been established headed by Chief of Section and 20 Statistics assistants most of whom have been sent abroad for training. Their main job is the data collection from casualty division as well as other medical Units. This division being of great importance it is decided that microfilm and technical aids to be given to keep Record according to International System, as a step forward for computer system when financial Resources are available. Giving a picture of the Division activities that annual inpatient were 7453, the discharge was 7373, the out-patient clinic used to receive 34512 (annually) and as mentioned before statistics division is very important to volume the work of the Hospital.

The achievement of the Statistics division shown as:

Annex	1	Hospital manpower -
"	2	Patient, movements
"	3	Averages (Stay, death)
"	4	Catagory of deaths according to ages.
"	5	Number of out patients.
"	6	" " used the Stereocopy
"	7	Major and small surgeires - general surgery obs and gyn.
"	8	Surgeries done in the Hospital
"	9	Patients used X-Rays
"	10	Analysis
"	11	E.C.G.
"	12	Deliveries
"	13	Blood Bank
"	14	Natural tretment
"	15	Casualities occured in Wad Medani + Khartoum Road.

Breckdown shown activities carried out by various Departments -
Surgery, medicine, obs. and gyn., X-Ray - Different Laboratory activities -
anesthesia, Pediatrics Div.- Wat statistics means :-

Soba Hospital is a leading Firm which the president of the Republic has praised on and considered as one of may Revolutions achievements like Kenana Sugar factory, Rahad Scheme, Jongly Project - professors and Ustaz. From Faculty of Medicine are working at Soba Hospital which is a credit to the Hospital due to excellent work they are doing and their are specialties in Soba Hospital like.

- 1 - Advanced X-Ray Division, which X-Rays coloured parts of the Body I.E., Spinal Cord - E.T.C.-
- 2 - Analysis division which figure out immediately if there is miligant desease I.E. Cancer.
- 3 - Renal Units analysis.
- 4 - Kidney Unit which cost thousand of pounds.

Analysis in Figures:-

Deliveries increased from 300 in 1976 to 3000 in 1981 without any deaths during 81-82 in this Section which is splended. As for the deaths in medicine division seems to be bry high due to kidny failure cases which are transfered from various hospitals in the country and they are late stage cases.

Training of Medical and Post Graduate Students :-

Number of Students being trained at Soba Hospital in 1981-82

Medicine	270
Surgery	377
Obs. and Gyn.	361
Pediatriccs	391
TOTAL	<u>1399</u> =====

Number or post graduate students (Drs.) through 81 - 82 89 Drs.

Number of Swedish Drs. trained for the last 2 years and were sent as groups every 3 month 13 Drs.

Number of House means trained through 81-82. 543 Drs.

RESEARCH

A team of Researchers (Drs.) headed by Prof. Mohamed Ibrahim Pediatrician at Bashagra and Butri Areas -

Medical Library:-

The Library being integrated in 1979 and finished with medical publication from extend aids together with faculty of medicine. The idea was to expand the library to serve even the intakes but due to financial problems the idea didn't get into effect.

Nursing Unit:-

It is considered as one of the very important Units in the Hospital and the manpower shows this fact:-

1	Metron
46	Sister's
6	Nursing instructions
160	Commissioned nurses
150	Under Training nurses
15	Midwives
<hr/>	
378	Total
=====	

Instead the financial difficulties training abroad for the nurses in particular is effected for time to time and the main problem financing this Unit is the immigration of the skilled/trained nurses.

X-Ray Units:-

The Unit takes care of the main X-Ray Services for the Hospital and other fovernmental Hospital, accordingly specialized X-Rays reached 2529

cases out of 10517 case, as well as other X-Ray activities which covers 25% inspite the very high cost, but is a credit to this Hospital.

In order to have this Unit working in an advanced way some expensive equipment and aparatus has to be imported which involves hard currency - but this problem will be solved when infrasonic, computer and others will be included.

Bacteria Unit :-

This Unit provided all practical lab. work for the students, Drs. and visiting consultants - but unfortunately this Unit lacks trained technicians who prefer immigration but this progrem will be solved as soon as many technicians are trained, also another difficulty facing the Unit is the old Russian equipment which needs spare parts, but they has to be changed to new equipment.

Disease Unit :-

This Unit takes Care of all the analysis needed by the Hospital various Units and administrating Blood Bank goes under this Unit - the difficulty facing this Unit is lack of technicians but in order to have more technicians, within the lab training is being established.

Theater Complex :-

The intend instructions were that the theater operates Round the clock to provide services to the intakes needed by a surgeon to be responsible twards surgis anthisians, asst. Anth. Sisters, nurses and costodials, post graduats, and visitors Drs. the complex is under the management of assist-Director assisted by 2 Committee to be Responsible of all theater needs, mentenance, the complex is composed of 4 complete equiped theaters, and there is internal rules governing the work at the Theater.

Administrative Units Division :-

Personnel Section:-

Annex I shows the Hospital manpower as 1175 from administrating, medical offices, technicians and labourers and the faculty of Medical Drs. and other Consultants are excluded from Soba morning table.

Food Supply Division:-

According to the presented food diet described by physicians, Drs this Section provided food to all Hospital Units as well as guest House provisions, Drs also together with the kitchen supervision. This Unit faces difficulties in equipment provided by Russians due to lack of spare parts and the cold store - new utensilese has to be replaced.

Maintenance Section :-

This section takes care of all maintenance in the hospital together with new establishments - also takes care of the drainage, carpentry, painting and iron works etc.

Electric Section:-

This division takes care of all electrical works, maintenance of voltage regulators, conditioning system, operates emergency generators, watch out waterpumps - The problem facing this Unit they can't re-wire all electrical connections as they can't find the electrical chart made by the Russians.

Finance Sections:-

This section is headed by the financial director assisted by some assistants. The purchases and stores come under his supervision. The stores has been re-organized in a way that all items for every division are easily located but the whole work not yet finalised. Also this Unit pays all the personnel payments as well as training to the accountants in computer programming. The difficulties facing this Unit is storage facilities which needs building new stores to keep medical products in a proper way as most were not stored in a proper way.

Transport Unit:-

Transport Unit at Soba Hospital in the backbone of the hospital activities due to the location of the Hospital at the out skirts of the capital together with the Bad need of more vehicles and the scarceness to drivers, efforts are made to over come this problem by increasing the petrol quantities issued to the hospital as to fulfill the needs of trans-

portation together with the possibility of increasing number of vehicles in the transportation fleet.

Loding/Cleaning Unit:-

This Unit takes care of Drs. mess at street 61 as well as sisters mess at street 41 and the Hospital guest house the garden, loans, telephone exchange. The general appearance of the hospital garden seems to be in very good shape.

As far the cleaning of the hospital it is very promissing and well organized due to hard work of people estimated to - the main problem facing cleaning Unit is the old Russians laundry machines which will be replaced by German ones bought through the German Donation - The new machines will arrive soon and the problem will be solved.

Medical instruments maintenance Unit :-

The Unit takes Care of :-

- 1 - X-Ray maintenance
- 2 - Electronic instrument maintenance
- 3 - Electrical mechanical instruments maintenance

This Unit performed and excellent performance which curtailed most of the difficulties facing this Unit.

Difficulties/Problems Facing the Hospital

1) Drainage/Sewage System :-

This problem is becoming a real headache to the hospital administration and also because of the constant breackages of pipes which creates swamps which leads to mosquitos increase in the area and the complaints of Soba village people encouraged the administration to seek other alternatives just like changing the whole drainage system with new ones of which spare parts are available also advisors visited the Site and still consultation/Discussions are taking place.

2) Failure of drinking water system:-

There are 3 Borwholes providing water to the Hospital, the cause why there are always breacks in the pipes because of the point that the

Russians welded the pipes instead of fixing joints in between - When these are changed in the near future it will cost very much money.

3) Changing the Russians instruments:-

Due to the difficulties facing maintenance of those machines and the non availability of spare parts, it is decided that all those machines to be replaced by new ones as soon as financing is available.

4) Non-availability of Hard Currency:-

The Hospital need hard currency to import some vital medications/ solutions to run the activities but due to the non availability of hard currency, it is advised that a non-resident account to be established to face such needs. I.E. the Keddy Unit need some solutions from the U.K. to run the machine which also needs hard currency to import.

5) Expansion of the Hospital:-

The Hospital has reached an stand point which needs extensions as the existing 360 beds is not enough to meet the expansion of medical services rendered to the people. Also there is shortage in offices, special wards income will over come to the financial problems facing the hospital.

6) Labours transport difficulties:-

The far away location of the hospital from the centre town and where the workers live, government Dept. is a real problems facing the transport Unit. Lack of more vehicles, high running cost, accordingly, the idea of having near by houses is being considered.

NOTE:-

Pointing out the difficulties/problems is a guide to better services of the hospital as when you know the difficulties/problems you will try to solve them, but if only the achievements were recorded that means it is of no use for this report to be done.

Future of the hospital:-

As stated before re-the difficulties/problems facing the hospitals, the remedy to all those problems can be obtained easily, and we are looking forward to complete the following as soon as possible:-

1 - Completion of labs. complex together with the casualty Unit as the location of the hospital is very vital for Medani/Khartoum road accidents.

2 - Building houses near the hospital for Drs., sisters, nurses, medical offices, post graduate students and medical students, which the government kindly enough the allotted a plot of land near the hospital to meet such important issue.

3 - Concentration in increasing the special wards, as an income resources for hospital also people are stressing hard on us due to good reputation of the hospital.

4 - To complete the hospital roll in research it is planned that complete / well equipped research Unit will be into effect to give services to researched, post graduate students etc.

ANNEX I

Manpower 81 - 83

1		<u>Theater :-</u>		
1	Director	1	Senior attendant	
1	Assi/Director	<u>20</u>		
1	Sec. general	21		
1	Ass. Sec. general			
		Midwives	15	
16	Medical Drs.	Midwifery instructors	6	
	<u>Pharmacists</u>	<u>X-Ray :</u>		
1	Senior Pharmacist	1	Senior X-Ray technician	
5	"	<u>12</u>	" "	
7	Assi. "	13	total	
<u>13</u>	total			
	<u>Assistant medical Offices</u>	<u>Medical Instruments :-</u>		
3	a/m phisio-therapy	1	Chief section	
<u>17</u>	" anesthesia	<u>4</u>	instrument technician	
20	total	5	total	
	<u>Laboratories</u>	<u>Maintenance</u>		
1	ass. lab.	1	Maintenance engineer	
		1	electrical engineer	
	<u>Nursing</u>	<u>Accounts :-</u>		
1	metron	1	Director	
46	sistexs	1	Chief accountant	
47	total	1	inspector of accountant	
		<u>9</u>	accountants	
		<u>13</u>	total	

	Commissioned Nurses	160	<u>Cleark :-</u>	
			1	Personnel inspector
	Under training "	<u>158</u>	1	" officers
	total	318	<u>30</u>	clearks
			32	total

Statistics:-

1 Chief Section
20 Clerks
21 Total

STORES :-

1 Senior S/keeper
1 Asst. "
6 Store keepers
2 Purchasing officers
9 Total

TRANSPORT:-

1 Transport Officer

Feeding Unit

1 Supervisors
1 Supervisors for loading
and cleaning

Labourers:-

49 Guards
1 Senior driver
35 Drivers
4 Mechanics
3 Asst. Mechanics
7 Electricians
1 Cooling mechanics
1 Car Electrician
2 Iron smith
8 Builders
8 Carpenters
8 Artisan
5 Painters
1 Puncher fixer

1 Chief labour
57 Labourers
250 Costoudials
39 Toilet cleaners
1 Mail distributor
28 Washing men
8 General services
12 Gardeners
4 Fire men
4 Tailers
7 Tel. Operators
16 Cooks
37 Kitchen attendants
57 Kitchen Senior atten.
1 Elevator attendant
1 Electricity Supervision
1 Drange "
1 Workshop "

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ANNEX II

Patients Movements :

Month	Intake	Discharge	No. of days
July 81	498	519	7044
August	620	524	8091
Sept.	595	611	8252
Oct.	595	565	6655
No	632	599	8022
Dec.	686	696	8310
Jan. 82	659	621	8193
Feb.	586	532	7528
March	706	720	9427
April	679	751	8135
May	700	629	8594
June	<u>497</u>	<u>506</u>	<u>7514</u>
Total	7453	7273	95765

ANNEX III

Patient movement (Stay-Death-period.)

Ward	Stay	Deaths	Period Bed occupaid
Surgery men	11	-	40%
" ladies	11	-	48%
Urinary	18	-	90%
Plastic Surgery	36	-	99%
Pediatrics Surgery	12	4%	79%
Medicine men (A)	27	27%	88%
" " (B)	27	19%	87%
Medicine Ladies (A)	28	10%	82%
" " (B)	19	18%	92%
" Pediatrics	8	16%	55%
Gynae	8	-	79%
Lactating/delivery	9	-	103%
Plastic Surgery	12	11%	86%
Labourers (men)	6	-	60%
" (women)	12	-	39%

ANNEX IV - Deaths break-down according to ages -

Month	Day - Year																	Total
	M	F	2	10	11	19	20	28	29	37	38	46	47	55	56	+		
July 81	-	-	1	-	2	-	1	1	1	-	1	-	2	1	1	11		
August	1	-	1	-	2	1	-	1	-	1	-	1	1	1	-	12		
Sept.	7	2	-	1	-	1	1	-	2	1	-	-	2	1	1	20		
Oct.	8	4	-	-	-	-	-	1	4	3	2	1	2	-	7	36		
Nov.	8	2	-	-	3	-	1	2	2	-	1	3	2	-	2	29		
Dec.	3	2	2	1	2	1	2	2	-	1	4	-	2	1	6	31		
Jan. 82	5	1	1	1	2	2	2	2	2	1	5	3	1	1	3	37		
Feb.	4	2	1	1	1	1	1	-	-	1	5	1	3	4	3	29		
March	5	6	-	-	3	1	-	1	3	-	2	-	1	3	7	34		
April	5	1	1	-	1	-	3	-	6	-	3	1	1	1	3	28		
May	3	41	4	1	2	1	3	-	3	2	2	4	4	2	3	78		
June	13	2	2	1	1	-	2	2	4	1	3	-	2	-	5	39		
Total	62	63	13	6	18	8	17	11	27	12	28	14	23	14	42	380		

ANNEX V

Out patients and refers period
July 81 - June 82

MONTH	NUMBER
July 81	1382
August	2547
Sept.	1539
Oct.	2795
Nov.	1018
Dec.	2953
Jan. 82	3248
Feb.	3584
March	3855
April	2739
May	4405
June	4447
	q
Total	34512

ANNEX VI

Number of patients visited

SECTIONS	NUMBER
Number of abdomen patients	161
Number of Urinary track patients	<u>455</u>
Total	<u>616</u> =====

ANNEX VII - Major and small operations - General/obs. and gyn.
period July 81 - June 82

OBS. and GYN.				GENERAL SURGERY			MONTH
Small	Major	Ordinary	Casualty	Small	Major	Ordinary	
54	47	12	89	51	21	71	July 81
61	53	18	92	56	21	76	August
58	67	21	104	94	36	129	September
48	48	25	71	89	35	123	October
61	69	35	65	144	46	157	November
77	57	12	122	125	55	145	December
86	72	20	138	95	43	136	Jan. 82
59	73	29	103	101	28	126	Feb.
89	73	18	144	93	55	144	Mar.
76	67	30	113	86	58	141	April
85	53	33	105	88	49	130	May
55	50	28	77	74	40	111	June
809	729	281	1,223	1,066	487	1,489	TOTAL

ANNEX VIII - Operations made during period
July 81 - June 82

Month	Plastic S.	UR. S.	PED. S.	GEN. S.	Abdomen S.	Bones	Total
July 81	15	7	5	17	27	1	72
August	8	19	13	14	17	6	77
Sept.	28	20	15	31	32	4	130
October	33	17	7	25	30	12	124
Nov.	29	21	16	36	51	7	160
Dec.	30	31	8	45	51	15	180
Jan. 82	38	10	9	28	42	11	138
Feb.	18	18	6	32	43	12	129
March	31	21	13	32	39	12	148
April	23	21	18	26	46	10	144
May	25	12	32	17	49	2	137
June	2	20	31	25	28	8	114
TOTAL	280	217	171	328	455	190	1,553

ANNEX IX - X-Rays made period July 81 - June 82

Month	Colon	Stomac	Urinary col.	Urinary ord.	Thombs	Spinal Blader cord	Pelvis Chest. col.	Nasal Stre. EnJ. Scope	Womb Head ERCP	Mydo-gram	Sialo-gram	Angio-gram	Vono-gram	O.P.G. T.M.S. mon	Abdo-Total							
July 81	14	4	29	63	67	43	32	26	29	254	7	15	15	22	5	-	2	-	8	39	674	
Aug.	12	6	24	57	73	50	39	20	23	273	5	18	13	16	7	-	4	4	9	42	705	
Sept.	12	4	14	64	74	41	32	20	23	237	4	7	18	26	4	-	1	3	1	40	625	
Oct.	15	1	1	57	55	38	33	10	17	218	-	6	4	18	4	-	5	14	4	22	522	
Nov.	9	2	16	83	46	37	35	30	32	281	7	16	2	21	8	2	1	3	9	26	639	
Dec.	9	5	8	79	83	29	35	39	41	298	6	13	-	40	13	-	9	-	11	31	740	
Jan.	10	7	12	73	53	83	44	17	49	352	15	16	2	40	11	-	4	17	1	3	46	855
Feb.	15	3	7	70	60	16	26	10	50	311	18	20	4	29	10	1	1	7	-	4	35	697
Mar.	15	9	17	82	94	38	31	28	50	363	7	13	9	36	11	-	5	10	-	2	30	850
Apr.	14	11	11	66	95	49	39	22	54	337	4	11	10	34	11	3	4	11	-	1	40	827
May	16	4	9	72	90	47	33	22	31	260	7	18	17	30	11	1	-	-	2	32	705	
June	15	9	15	76	101	50	58	22	39	379	12	13	10	35	8	-	1	-	-	22	865	
Total	156	65	163	842	891	521	437	230	448	3,563	92	166	107	347	103	7	26	80	1	54	405	8,704

ANNEX X - Analysis made during period July 81 - June 82

Month	Bloor Disease	T.B.	Out Patient	Alergy	Total
July 81	265	29	1,031	39	8,541
Aug.	4,151	26	910	74	8,419
Sept.	238	20	1,093	48	8,477
Oct.	171	16	1,045	46	8,483
Nov.	191	19	1,059	22	6,406
Dec.	325	18	1,372	31	8,523
Jan. 82	632	21	1,239	163	8,972
Feb.	322	15	1,403	111	8,485
Mar.	286	16	1,117	211	9,303
April	192	11	1,129	72	8,564
May	153	10	1,130	61	8,598
Total	2,926	201	12,528	838	94,771

Note:- June month analysis still under preparation.

ANNEX XI - E. C. G.

Month	Number
July 81	41
August	61
Sept.	64
Oct.	50
Nov.	113
Dec.	42
Jan. 82	116
Feb.	134
March	142
April	130
May	132
June	155
Total	1,185

ANNEX XII - Deliveries - period July 81 - June 82

Month	Ordinary	S.S.		Total
July 81	146	72	6	224
August	147	30	8	185
Sep.	127	39	19	185
Oct.	121	39	21	181
Nov.	124	41	16	181
Dec.	123	46	8	177
Jan. 82	100	22	5	127
Feb.	168	36	4	208
March	102	23	5	130
April	110	26	2	138
May	156	16	4	176
June	121	50	10	181
Total	1,545	440	108	2,093

ANNEX XIII - Block bank report - period 1/1/81 to 31/12/81

Number	Number of groups and bottles
4,605	Blood group for patients
1,912	Blood group for Doners
1,711	Blood bottles from Doners
1,797	Blood bottles issued
1,745	Blood bottles being mixed
1,741	Blood bottles being tested for *

From 1/1/82 - 1/6/82

Number	Number of groups and bottles
1,948	Blood group for patients
748	Blood group from Doners
648	Blood bottles from Doners
1,458	Blood bottles being mixed
671	Blood bottles being tested for *
843	Blood bottles issued to patient

ANNEX XIII - PHYSIOTHERAPY REPORT - Number of patients being tested
period 25.11.81 - Dec. 82

Distribution according to medical Section:-

Number	Medical Section
69	Medicine
51	Surgery
45	Pediatrics
25	Outpatients
4	Obs. and Gyn.
207	Total

Distribution according to Sex:-

Medical Section	Male	Female	Total
Medicine	25	44	69
Surgery	30	21	51
Pediatrics	28	17	45
Outpatients	13	12	25
Obs. and Gyn.	1	3	4
Total	102	105	207

ANNEX XV - Casualty in Medani-Khartoum Road and Recorded in SOBA Hospital - Casualty Unit - 1981

Month	Injuries + Hand + Fracsher	Injur. + Leg	Injur. + Head	Injur. + Back + Casualty	Chest Injuries	Minor Injur.	Inner Bleed- ing	Serious Injuries	Clavicle Injury	Pelvis + Fracsher	Injur. + Acci- Others	No. of Casualty
Jan. 81	3	1	2	1	1	-	1	-	-	-	1	10
Feb.	-	-	-	-	-	13	-	-	-	-	2	15
March	4	1	2	2	-	3	-	-	-	-	3	15
April	4	4	7	2	-	-	1	-	3	-	26	47
May	2	2	5	1	-	1	-	-	-	3	4	18
June	6	2	7	3	-	3	-	1	-	2	3	27
July	4	1	3	1	1	1	-	-	16	2	-	29
Aug.	5	5	11	3	4	12	2	3	4	-	1	50
Sep.	3	-	3	-	-	18	-	2	1	-	-	27
Oct.	4	1	4	-	1	6	-	-	1	-	-	17
Nov.	-	1	4	2	2	2	-	-	-	-	-	11
Dec.	5	6	10	-	9	31	-	2	2	-	1	106
Total	40	24	58	15	18	90	4	8	27	7	1	372

MINISTRY OF HEALTH PLAN OF OPERATION
HEALTH AND SOCIAL WELFARE

- 1) The Health Units to meet heads of one thousand inhabitants instead of 3,000,000 and to Finance the Medical Sector Horizontally together with the Renovation of the Hospitals. Also to add more beds in the Hospitals to 3 beds to a thousand inhabitants instead of one bed. Issuance of drugs to be Controlled.
- 2) Taking Care of mother and child health as well as School health.
- 3) Special medical Care for some Categories.
- 4) Medical Care to fight some environment i.e. malaria and sleeping disease.

EXECUTION OF OBJECTIVES :-

- 1) Working People for carrying out the programme to Develop health Conditions.
- 2) Availability of Consultants, and modern Instruments.
- 3) Medical insurance to be generalized in all Country Starting with big towns, with aid to the private and public Sectors to promote the medical insurance.
- 4) Midwifing and medical Care During Pregnancy and child Care and immunization to be available.
- 5) Local and International efforts to be made to eradicate epidemic diseases and natural disasters.
- 6) Concentration essential drugs and developing the local products.
- 7) Development Social and Sociobiological programmes to be connected with the economical and Social programmes.

Project No. 1 : -

Development of health Centres to some 1,000,000 inhabitants
instead of 3,000,000

Plan of operations

83/84	84/85	85/86	86/87	87/88	88/89
1-Centres Po- pulation in all the Region	1-Follow up on Health Schools	Excution of 25% Health Centre in villages which popujation 1000 in- habitants	Excution of 50% Health Centres in vil- lages which popula- tion 1000 inhabi- tants	Excution of 75% Health Centres in Vil- lages which popula- tion 1000	Excution of 100% Health Centres in Vil- lages which Population 1000.
2-Devoping Health asst. Schools and providing with all items they need to excute the project	2-Comple- tion of Medical Centres in all villages which po- pulation 1000				
3-50% Medical Centres to be Finalized in village were Population exceeds 1000 inhabitants					

Remarks :-

- 1- Population Centres figures out from the 82/83 population Centres.
- 2- When Selecting of village to establish a health Centre the following
to be noted :-
 - A) Importance of location (Environmented)
 - B) Remote areas
 - C) Productive areas specially agricultural and vet.
- 3- Ministry to arrange for training and to provide equipment
- 4- Local counceals to establish the Units from the local Contribution and
Donations.

Project No. 2 :-

Improving the medical assistance vertically and to maintain the Hospitals to be of 3 beds for a 1,000 inhabitants instead of one bed for a 1,000

Project	83/84	84/85	85/86	Remarks
A.)				
Maintenance of Hospitals and Health Centres	Survey to be made to all Hospitals, Health Units and to give priorities of maintenance according to needs and priorities 25%	Maintenance of 35% from Removing Medical Units I.E. 60%	Completion of Maintenance to all Medical Units 40%	Financing to be made out of the Regional Govnmt. Budget and local Contribution and Donations.
B.)				
Change of Pitlatres System	40% from Hospitals which still Pitlatres	30% from the Removing I.E. 70% from total	100%	Regional Government Budget.

C.) Financing Services / Vertically

The important need of a Hospital is to improve the emergency and ambulance Services, equipment, labs, Blood Busks X-Ray Dep. and conditions of Specialiazation and to establish specilized Hospitals and also to have specialization in other Hospitals from the Region Budget, local Contribution, and Local Rimmes plus the Foreign aids - a programme will be established yearly to survey the priorities for all Hospitals and health Centres.

D.) Increasing beds to be 3 beds for 1,000 inhabitants insteas of 1 bed for a 1,000 inhabitants.

The beds now in the Region are 4374 I.E. one bed for 1155 inhabitants. The plan now is not to build new Hospitals for the coming 3 years except

the ones already work has started like PAW, Rabak, Kenana, Samani Abdalla Yagoub, Tampoul, Wad El Nura, and the children Hospital. No. of beds in these Hospitals are 800. The plan will be 3 beds to an individual by adding 3 wards in the existing medical Units and to seek fare distribution bearing in mind the total Units which will be in the Region.

Project No. 3 :-

Fare Drug distribution Policy.

- 1- Method need of all medical Units each area separately (83/84)
- 2- Storage facilities in all the Regions big towns (83/84) and another in all the Region. (83/84).
- 3- Workshop to discuss and arrange for a proper Drug Prescription and medicine to Reach the patient. 83/84
- 4- Concentration on immunization and eradication of epidemics
- 5- Follow up Unit with monthly Reports.

Project No. 4 :-

Child and mother care

Child and mother Care needs health education especially arrangements ladies and health visitors and midwives to convey and teach the ABC of health Care. Immunization to be generalized together with help of Student through the Boy Scouts as done by the Women Association. Accordingly the execution of the Project will be as follows :

Steps : - 83/84

- 1- The Region needs from Health visitors, assist Health visitors in the existing Units.
- 2- Expansion and Financing the Health visitors School.
- 3- Developing the Social Centres in the Region.

Steps :- 83/84

Availability of are midwife in all villages of more than a 1000 inhabitants, percentage can be determined according to the Survey madetotro the villages and training Centres.

84/85

Establishing assistant health visitors school at Kosti.

85/86

Filling in the shortages in the medical Centres at the Remote areas.

Long Range Immunization

The Long Range Immunization objectives is to cover and immune 50% of infants aging 3 to 14 months During period 83/85 till it reaches the 70% in 86/89 this can be carried out when Centres can be established in all Hospitals and health Centres and immunization Centres in the following Hospitals:- Kanbear, 24 Garashi, Medena Arab, Abu Gota, Rabak, Tandilti, Abu Hoger. Dinder.

Training Centres for Course will be held for supervisions this year 83/84 and another course for assistants through the Region 83/85 to fill with gap one month insentive will be paid to all workers who active 70% work During 83/85.

Project No. 6:-

Developing School Health

School Health Divisions in the Region is the plan for all cities in the Region to carry out periodical medical check-ups on students in all educational stages which also can be out patient wards during the week, and to develop the Services vertically, health Centres Dispansion will be provided will equipment, trained staff and also beds will be established in the specialized Hospitals and medical care Units.

Steps:-

- 83/84 A.) School Health in Kosti
B.) School Health complex together with teachers students ward at managil Hospital.
C.) Developing Omer Haj Musa Despancies at Rofaa.
D.) School Health.

- 83/85 A.) School Health in Hasahisa
B.) " " in Damazine
C.) " " in Doeum.
D.) Teachers/students ward in Sinnar.

- 85/86 A.) School Health in Singa
B.) " " in Souki
C.) Teachers/students wards at Doeum and Damazine

After consultation with local counccels a local programme to take Care of students health will be arranged. Medical Units will be established in the schools which will be finances by the Regional Government Health Insurance, the local counccels will Contribute.

Project No. 7 :-

Availability of Medical Services for categories who can afford.

Since two years the Ministry has arranged for the low cost treatment at the health Centres in the evening and popular Pharmacies to provide such services in low cost. Ministry's plan is to provide free medical treatment in the third class wards in the Hospitals and at the exact cost in 2nd class wards with the exception of those who benefits from the health insurance. The Ministry expenses the services for the special/ 1st class wards for those who can afford paying fees.

Gazira anylatical/Chemical complex. 83/85. objectives of the project:-

To provide high level lab., anylises Services where advanced instruments & labs be available to help in the diagnosis, this project will help the area in establishing proper medical treatment, the local establishments will contribute in the expenses. Which is an step forward for the health

insurance which will be hopefully generalized in all the Region which will also include the occupational insurance in both public and general sectors.

Project No. 8:-

Eradication of malaria and epidemic diseases.

The main disease in the Region are malaria and Bilanzia and diattria, to the good luck that the HQ's of the Blue Nile scheme is at the capital of the common diseases of water like Bilanzia and diattria. Also in the Rahad scheme in addition to the budgeted money, the friend countries also contribute for this project. The project is planned for ten (10) years.

There is a planned programme to eradicate the malaria in the Region, starting by spraying the area before the rainy season starts.

The local Authorities and People will carry out this programme in all the Region. Also they will contribute Spraying in 83-84 in the white and blue provinces, also there is a planned project starting in Sept. every year and constantly (yearly) to eradicate the first stages of water diseases.

Belanzia Eradication :-

The eradication programme has been stopped some years back due to lack of medicines, and in the assistance given by the world bank for the blue Nile health project, a detailed programme for each province consists of the following :-

- 1 - training in analysis 83/84
- 2 - proper treatment to all affected 83/85
- 3 - eradication of first stages of Belanzia, this will be done automatically starting 83/84
- 4 - the water project which the government is carrying out will minimize the attacks.
- 5 - information and guidance programme will be helped through the youth in particular.

Causes of Diattria.-

The ministry of health started collecting the garbage and waste by costs Dmen by Duski, this plan is being carried out through all the

Regions Villages and Big Towns, which eliminated the Diattria and especially diseases carried by flies.

The most common diattria diseases is Thytorid also, planned for labs, and diagnostic labs to diagnose the infection correctly, this will continue for three years, periodical check-ups will be done to carriers specially to those who work in restaurant or deal with food.

SECOND SPHERE

REGIONAL SOCIAL WELFARE

(ADM.)

POLITICAL PLAN OF OPERATIONS

1983 - 1989.

Stratige :-

The social welfare programme has got two Spheres to prove the political programme as follows :-

A - Horizontal expansion for the Social welfare activities to reach all categories in a big geographical area by establishing new offices where offices were not established. The concentration on casual activities like child and mother care, disabled, and mads, also to improve the poor's conditions, counting the Socological problems by standing and solving those problems, the vertical expansions then comes for the Social guidance and information by mobile cultural Centres and information elements like the Social complexes together with more concentration on family and child activities.

B - Vertical expansion :

The vertical expansion needs more concentration on activities already established together with upgrading the modes and objectives.

1 - Upgrading and Renovation of already established firms ; - upgrading the Centregardins by changing the Syleabus, equipment, and renovating the buildings, training of Supervisions and adding more trained staff as well as special programmes to be carried out to improve the services to needed standard just like the Social Complexes.

2 - Manpower :-

The vertical expansion needs to have more trained staff members to carry out the activities, which can reach most of the people.

3 - Specialized offices through all the Region :-

The vertical expansion needs also the change of all cadres in big centres by exchanging the specialities to the Rural Centres to give more services to the Remote areas, also establishing sub offices in big cities like wad medani Kosti and Sennar.

4 - Profitable projects :-

The vertical expansion aims to concentrate on Social work in a new mode by establishing profitable schemes, not as before given money donation, accordingly, than coming to years plan is to establish such projects which benefits the village and the families and also women training in the casual activities as well as the support of the productive family programmes/ Schemes like, Serviceing, collective firms, disabled training. This be achieved though the multi-purpose Centres or special Centres to be established for such activities.

5 - Legalization :-

Regional laws, ordinances has to be established to control the activities of services and the have channels through which all activities can be controlled not to have duplication by giving proper terminology for all aspects of Services which leads to proper execution of activities.

6 - Voluntary work and donations :-

New method is being established to have money, to run the programme of social activities by representing the cooperation and voluntary agencies together with specialized people through the categories in most cities in the Region as well as the cultured people, as for the donation cultural nights together with exhibitors to gain money supporting these projects.

7 - Study and research :-

The programme concentrates on study, research in different fields also by assessing the project, providing all necessary basic data needed.

(1) Objectives :-

The 6 years plan aims to prove the following :-

A- Expansion of Social welfare offices in the various city counsels as follows :

- (1) 1 - office at Gezira province at 24 Gorashi in 83/84
- (2) 2 - Office at white Nile Province at Getena area 83/84
- 3 - " " " " " at Kava " 84/85
- 4 - " " " " " Tandelti " 84/85
- (3) 1 - Office at Soki period 84/85
- 2 - " " Abu Hagar 84/85
- 3 - " " Kurumok 85/86

Accordingly by beginning 85/85 Social Welfare will reach all the Regions Cities.

B- Manpower :-

The expansion of programme by opening new offices automatically needs new more staff to run these offices, therefore levels, steps, training for manpower needs the following :-

A- increasing the number of assistant inspectors by 30% by 85/86
I.E. 16 more new posts.

B- Upgrading the post at middle Gezira, Damazine and Bouem to the seventh grade.

C- Upgrading the post at big areas like East Gezira, Kosti Getena also to the seventh grade.

D- Adding more middle post, by 50% to get the total posts of 12 in the tenth grade 'A' by beginning of 88/89.

E- Technical posts to be expanded by 60% to total 11th grade 30% posts by beginning of 85/86.

C- Social Welfare Corporation :-

1 - Social Welfare Centres :-

The target by expansion at new Social welfare Centres and multi-purpose Centres as follows:-

82/83 two new offices at Kenibu/Singa
83/84 3 " " " Douem/Kosti/Sinnar
84/85 follow up
85/86 2 new offices at Getena/Roseris
86/87 follow up
87/88 2 new offices at Tandelti and Abu Hugar

According, the expansion percentage covers to 25% by end of 87/88.

2/ A/ the plan aims to develop the existing Centres as follows.

See Annex (1)

B/ Kindergardens :-

The existing Kindergarten intakes 12/20 child, through all the Region, but the plan aims the intake to reach 15/50 in all the Region by end 88/89 with an increase of 25% which means the expansion will have 76 new Kindergarten in all the Region also the plan aims to develop the existing Kindergartens by supplying equipment, renovation and stick to the basic needs together with development of the Syllabus.

Plan :-

83/84 Developing 42 Kindergartens I.E. 2 Kindergarten in each council.
84/85 Developing 22 Kindergartens I.E. / Kindergarten in each council.
85/86 Developing 63 Kindergartens
86/87 Developing 63 Kindergartens.

2.- Compaund Kindergartens

1 - establishing idel kindergartens according to following plan:-

- 1 - 83/84 Ideal Kindergarten at Douem/Rofaa
- 2 - 84/85 " " " Rosierig/Medani/getena
- " " " " Kamlien/Hassahisa/Kawa
- 4 - 86/87 " " " Managil/Kosti
- 5 - 87/88 " " " Tandelti/Abu Hugaar

C. Mother and Child Care Centres :-

These Centres aims to provide proper care to child and mother together with Cultural, and phisicological, and intertreatment under guidance of qualified tutors, accordingly the Centres aims to achieve the above, the following Centres to be :-

- 1 - Medani Centre 83/84 and to continue for 85/86 Budget
- 2 - Hassahisa " 83/84 " " " " 84/85 "
- 3 - Getena " 85/86 " " " " 87/88 "
- 4 - Rofaa " 84/85 " " " " 86/87 ""
- 5 - Singa " 85/85 " " " " 86/87 "
- 6 - Kosti " 85/86 " " " " 87/88 "
- 7 - Douem " 84/85 " " " " 87/88 "
- 8 - Sinnar " 84/85 " " " " 87/88 "
- 9 - Abu Hugaar " 86/87 " " " " 87/88 "
- 10 - Kamlien " 85/86 " " " " 86/88 "
- 11 - Managil " 84/85 " " " " 86/87 "
- 12 --Rossieris " 84/85 " " " " 86/87 "
- 13 - Souki " 84/85 " " " " 86/87 "

D. Amal Mother and Child Care Centre:-

The Centres Care to effect in May 82 so as to give and provide complete medical Care for children who lost their parents since birth till age 4, it is expected to finish with this project in 83/84 Budget.

It is also expected that the Second phase of the project with the concentration on child nutrition in 84/85.

H. Youth Care Centre in Kosti :-

This project is based on the field study/survey made at Medani, Hassahisa and Sinnar to stop and minimize the youth, and therefore directives has been given to establish such Centres/Houses to lodge and train the youth. Reaching an age of 13 according to the youth ordinance - the point why Kosti has been selected as an ideal Centre is because of the expected Centre as industrial/biochemical Centres with the petrol in that area, and also Kosti being a Centre for youth powering in from the South, east Sudan as well as Youth from east South Sudan Countries. The hase is a test a lodging House providing complete Social, educational and vocational education to the Youth.

FLAN:-

After having complete feaseability Study and arranging for the funds as of 83/84 then the intake states as of 86/87.

F. Disabled training Centres :-

Objectives:-

Providing education, training for the disabled both sexes at an school, productive age, add the project has been into effect since 81/82, but the real start did'nt function due to financial problems, but contacts has been made through the Ministry of Health, Social Welfare and the German pediatric association together with the German Government to get the project into effect.

PLAN:-

- | | |
|--|--------|
| 1- Revision of previous study | 83/84 |
| 2- Excution of 1st phase | 84/85 |
| 3- " " 2nd " | 86/87 |
| 4- Completion of work shop and other utilities | 87/88. |

G. Development of Leprocy Camp at El Rosieries in cooperation with the Sudanese/International Leprocy eradication association.

1- The purpose of this camp was to Develop the activities within the camp (Social, medical and economical) but due to several points deteriora-

tion of services was there and as being important for this camp to complete a joint project, excuted as follows:-

- 1 - 83/84 Study and assuring the needs of the Camp.
- 2 - 84/85 Renovation works to be carried out in the Camp.
- 3 - 85/86 Social and vocational programme to be carried out.
- 4 - 86/87 Re-establishing the productive schemes for the

Women Workers kindergarten at Wad Medani

Objectives:-

The problem of child Care for a working mother is one of the points that laws qualiting and less production is involved. Accordingly, the work plan for the Ministry of Health and Social welfare is being carried out for the 6 years plan which being approved by the area councel No.517 the excution of the project as follows:-

- 1 - 83/84 Studing with the Pharmacy Study
- 2 - 84/85 Buildings and materials
- 3 - 85/86 Phase I Starts.

Productive family projects:-

Objectives :-

Starting with two projects to up grade the poor families on Social, Economical aspects by using the environmental; and training of Manpower available in the family. In corporation with ministries of Social welfare, health, agri. industry to give all possible help, as well as the assistance of the specialized banks just like the Rular Dev. bank, Credit and Investment Bank also the contributions by the Regional Governments the project has two sphers:-

- 1 - (A) Reaching made and children clothing as well as handicrafts at Wad Medani.
- (B) The consumption of the area located wiming and Spining factories to run (A) above.
- (C) Teaching plus sewing machines for the test phase of the project.

- (D) The test intake of the project is 50 women and young women as first stage of the project.

Execution:-

84/85 Feasibility Study

85/86 Phase one

86/87 " two

2 - Compound farm for poultry and honey

- (A) The use of the local Resources for the honey farms
- (B) The benefit out of the Integration with Egypt of women farms Development.
- (D) 50 women and young woman can be absorbed in the project

Execution:-

84/85 Feasibility Study

85/86 Phase one

86/87 " two into operation

Research and field study:-

The research and field study aims for two points:

- (A) Research for the execution of project already planned for the coming 3 years ending 85/86.
- (b) Social research and third study to cover most of big cities. Accordingly, priorities being given to the following researches and Studies to comply with political programme:-
- 1 - Study and developing the existing Social welfare Centres in the Region:- 7/8/85 - 30/8/83 - the Study course which Ministry of Khartoum together with Social welfare Dep. and the Regional S. Welfare Dep. helps.
- 2 - Study of prostitution at Hassahis/Medani towns Oct. 83 - 30 Nov. North and middle Gezira offices together with help from Khartoum welfare office.

- 3 - Study of productive family workshop at Wad Medani:-
Feb. 84 - April 84 Study takes place by the Regional office in Cooperation with Gezira University.
- 4 - Evaluation of the exact cost of the Social welfare activities/ Services.
- 5 - Statistics/Census for the disabled in the Middle Region without using the general matter of statistical data. Oct. 85 - July 86 - cooperation with the regard Ministry of Health.
- 6 - The Social Side effects on the working women roll in the wiming and spinning factories :-
Oct. 83 - Dec. 83 as an advise from the factories administration and the study will be carried out by the Regional Social welfare offices.
- 7 - Study of Services for the Dinder Area:-
March 84 - May 84 - to be carried out by the Social welfare offices in the Sennar, Souki, Singa areas in cooperation with the Regional welfare offices.
- 8 - Study of the statistical data for the Ethiopian Refugees at Hassahissa Town
March 85 - May 85 in cooperation with welfare offices at Hassahisa and North Region offices.
- 9 - Family Survey/Study in may care at wad Medani Oct. 88 - March 89 in cooperation with Censuses division at Gezira University.

E. Advise and Social Guidance:-

Objectives:-

- 1 - Curtailing the Social problems in a scientific methods according to gradual programme and also stopping the social and problems as a precautional measures.
- 2 - Lectures and mobil cultural teams together with see and heard methods to get the programmes into effect.
- 3 - Get use of the political, social, educational and religious parties to begin and excute the programmes.

- 4 - The Social welfare offices in the Regions takes the effective roll in processing the datas collected through the offices during six (6) years.
- 5 - The Regional administration takes care of the posters, films, studies and the mobile cinema to easen the programmes excution:-

Year	Party taking care of the Project	Area covered
83/84	Middle Gezira	to be sellected by office
"	North Gezira	" " "
"	Managil	Managil + 24 Gureshi
"	Kamlien	Kamlien
"	East Gezira	East Gezira & Child oare project
"	Douem/Shabesha	Douem/Shabesha, Getena Kawa
"	Kosti	Kosti, Rabak, Tendelti
"	Sinnar	Sinnar, Souki, Dinder
"	Singa	Singa and Abu Huggar
"	Damazine	Damazine, Kurmok

(A) The execution of this project will be according to schedule unless urgent needs appears for the new offices.

(B) The following equipment to be arranged by the regional offices as planned.

83/84	Mobile cinema
84/85	a 30 minutes documentary film on ideal Kindergartens
85/86	Series of family booklets explaining the feeding, child Care summer deseases, teenager problems, toys as well as the expense plans to a family, etc.
86/87	Videa films on feeding/nutrition, education, boy and school etc.
87/88	Films, publication and posters.
88/89	3/4 hrs. documentary video film on social welfare centres in the Region.

Annex 1 Social Welfare Centres

Development and for the 6 years plan

Year	No. of Centres	Name of Centres	Area
1) 83/84	3	1 - Hantoub	Middle Gezira
		2 - Amana Thawra	South "
		3 - Sabeel	South "
2)	3	1 - Arbasi	
		2 - Remetab	
		3 - Bouda	East Gezira
3)		1 - Higleeg	East Gezira
		2 - Doha	" "
		3 - Abu Gumry	" "

Plan of operation to develop hospital in the Middle
Region under the umbrella of the general political
programme

Name of Hospitals	Achievements 81-83	Proposals and project 83/89
Blue Nile Province:-		
1- Sinnar Hospital	- Urology Dep. - 2 houses for consultants by donations	1- Casualty ward approved budgeted 2- Phase I drainage approved 3- Completion of maintenance 4- Epithelomy theater proposed
Establishments	- Epithelomy ward, complete equipped	5- Nursing school cost school with Ministry of health
Maintenance ambulance	- New ambulance brought	
2- Damazine hospital		1- Pediatrics ward under construction 2- Consultancy Development.
Establishments	- Ladies ward completed	
Maintenance	- Work processed	
Ambulance	- New Ambulance	
3- Singa Hospital	- Surgery dep. done and a surgeon is working	1- Completion of drainage approved in 83/84 budget
Establishments		2- Surgery ward which being financed by the Regional council together with people working abroad
Ambulance	- Land rover being made as ambulance	
Maintenance and dewages	- Basic ward done and maintenance carries out	
4- Souki Hospital establishment	1- Completion of 1st phase of obstetrics and Gynecology complex	1- Pediatric ward approved for phase I in the budget 2- Pharmacy
Maintenance	Maintenance started and dental Surgery Unit finalized	3- Assistance to executing Units District Counsel shared alot.

- II -

Name of Hospital	Achievements 81-83	Proposals and projects 83/84
4- Souki Hospital establishment maintenance	1- Completion of 1st phase of obstetives and Ginecology complex maintenance started and dental Surgery unit finalized	1- Pediatric ward approved for phase I in the budget 2- Pharmacy 3- Assistance to executing Units District Counsel shared alot.
5- Abu Niama Hospital establishments maintenance	1- Pediatric ward complete and equiped - maintenance to all dranages Sewages	- Financing the assisting Units
6- Kurmok Hospital establishments maintenance	Maintenance budgeted and drange completed	- Financing the assisting Units
7- Rosseris Hospital establishments maintenance	Theater completed Koranteen and kitchen been maintenance	- Medicine storage facilities - Fiancing assistant Units
8- Karkoug Hospital	90% of obst. and Geyn. ward completed - maintenance of sewages carried out	Financing assisting Units
9- Dinder Hospital	- maintenance under process	Financing assisting Units and developing the hospital will be decided later.

Name of Hospital	Achievements 81/83	Proposals and projects 83-84
10- Sinnar West	- The factory deals with all matters except Ministry pays the doctors salary and Medical Supplies	Financing assisting Units.
11- Wad El Niel Hospital	N I L	General maintenance 84-85
12- 44 Wad Taktouk Hospital	-1 Theater -2 Pharmacy	Financing assisting Units
13- Mazmoun Hospital	Recently being enaugurated obs. and Gey. ward about to be finished together with Dr's House	Financing assisting Units
14- Gessan Hospital	Nursing School	Financing assisting Units together with Manpower

White Nile Province:-

1- Doeum Hospital	1- Phase I Sewages completed	1- Phase II Sewages
	2- Pediatric ward completed	2- Developing the out patient
	3- Pharmacy	3- Financing assisting Units
	4- Cars maintenanc	4- Ophmology theater
		5- Maintenance to whole hospital

Name of Hospital	Achievements 81-83	Proposals and projects 83/84
2- Kosti Hospital	<ul style="list-style-type: none"> - Phase I of Sewages and maintenance completed - Vehicles being repaired and a Lorry being aloted to carry medical supplies. - Ophtmology Unit completed and a Consultant is available - Pharmacy 	<ul style="list-style-type: none"> - Phase II of 2nd class ward - Psycatry Unit complete - Dental Surgery Unit complete
3- Um Gar Hospital	<ul style="list-style-type: none"> - 90% of maintenance - Pexdiatric ward complet - New ambulance bought. 	<ul style="list-style-type: none"> - Financing assist. Units. - Fencing the hospital
4- Kawa Hospital	<ul style="list-style-type: none"> - Phase I maintenance completed and phase II started - Electricity completed - New ambulance bought 	<ul style="list-style-type: none"> - Financing assisting Units
5- EL SOUFI Hospital	<ul style="list-style-type: none"> - General maintenance to the hospital 	<ul style="list-style-type: none"> - Financing assisting Units - Ambulance
6- Gezira Abba Hospital	<ul style="list-style-type: none"> - Obs. and Gey. ward on construction 	<ul style="list-style-type: none"> - Financing assisting Units - Ambulance
7- Gebeleen Hospital	<ul style="list-style-type: none"> - Hospital maintained - Ambulance 	<ul style="list-style-type: none"> - Financing assisting Units
8- Getenna Hospital	<ul style="list-style-type: none"> - Maintenance started - X-Ray Unit - Obst. and Gey. Unit completed - Dental Surgery Unit completed - new equipment 	<ul style="list-style-type: none"> - Koranteen Unit - Financing assisting Units - Obst. and Gey. consultant House - General maintenance

Name of Hospital	Achevements 81-83	Proposals and projects 83/84
9- Tandelti Hospital	Electricity to all hospitals General maintenance	- Financing public services - Doctors House
10- Shabasha Hospital	- Fencing Drainage, new vehicle	- Financing assisting Units
11- Wad El Zaki Hospital	- Being newly emigrated and well equiped Manpower and new ambulance	- Financing assisting Units
Rabak, Samani Yagoub	under construction	

GEZIRA PROVINCE

1- Wad Medani Hospital	- 1st, - Super, obs. and Gey. ward-offices for University staff - Ambulance for Blue Nile hospital and hospital director	- Renovation of the hospital - 3 Six floory complex - extension of out patient - Labs, ophtmology, skin psucatry, Dental Surgery, casualties A plot land being aloted to be sold and money together with LS 150,000 plus yearly allotments from the development money
2- Managil Hospital	-90% of maintenancecom-pleted and rest will finish this year, fencing surgey, surgeons house, Pharmacy - new ambulance available	- Pediatric ward - School Health Unit - Teacher health Unit

Name of Hospital	Achievements 81-83	Proposals and projects 83-89
3- Hassahassa Hospital		
maintenance	<ul style="list-style-type: none"> - has already started last year which will be completed this year - Ladies 1st and 2nd class being completed - Drainage being processed - Renovation of theater - Blood Bank 	<ul style="list-style-type: none"> - 1 Pediatrics complex
vehicles	<ul style="list-style-type: none"> - Ambulance bought - Pharmacy and generator 	<ul style="list-style-type: none"> - 2 Financing Services
4- ROUFAA Hospital		
maintenance	<ul style="list-style-type: none"> - Maintenance started 1982 which will be completed by end of this year - Work processes in the Drainage system- Blood bank being completed, Nursing school, medical storage, Pharmacy - New ambulance available 	<ul style="list-style-type: none"> 1- Developing Dental Surgery Units 2- Completion of drainage system 3- Financing Services and bringing more Consultants
5- Abu Ushar Hospital		
maintenance	<ul style="list-style-type: none"> - Maintenance being processed which will be finalized by end of this year together with technicians houses as well as bath-rooms - Phase I of drainage system completed 	<ul style="list-style-type: none"> - last Phase of drainage for theater complex completed
Buildings	<ul style="list-style-type: none"> - Casualty Unit complete and equiped - X-Ray Unit completed - Ambulance available - Generator bought 	

Name of Hospital	Achievements 81-83	Proposals and projects 83-89
6- Housh Hospital	Hospital newly enaugurated and equiped as well as new Ambulance. - Dental Surgery Unit	- Theater to be completed - Financing assisting Units
7- Madena GHRB Hospital	maintenance - Hospital being financed for maintenance and establishing new Units	- Financing assisting Units
8- Azaai Hospital	Maintenance being processed in drainage but still on maintenance and drainage - New ambulance available	- Ladies ward - Financing assisting Units
9- Tabat Hospital	- Money allotted for maintenance which will finish this year - New Generator bought - New Vehicle bought	- Financing assisting Units, Dental Surgery labs. and ophtmology Units.
10- Kamleen Hospital	- Obs. and Gyn. wards completed and equiped - Maintenance in process - New ambulance bought	- Financing assisting Units casualty Unit
11- Aalti Hospital	- Fence made - 90% of general maintenance completed - Manpower financed	- Ladies ward - Drainage - Casualty and theater complex
12- Mosalamia Hospital	Maintenance Buildings - Maintenance completed - Pediatric ward/self Donated - New ambulance bought	Verandas to be closed

Name of Hospital	Achevement 81-83	Proposals and projects 83/89
13- Rubol Hospital	- Emuculation Unit together with new generator	- Financing assisting Units
Buildings	New ambulance bought	
14- Abu Gouta Hospital		
Maintenance	- 90% of maintenance completed	- Financing assisting Units
Building	- Theater	
	- Ambulance being maintained	- Drainage
15- Meheriba Hospital	- Maintenance completed and Drainage being processed.	- Financing assisting Units
	- Emuculation Unit	
	- New Ambulance bought	
16- Wad Raws Hospital	- Nursing School being financing as well as new ambulance	- Financing assisting Units
	- Maintenance completed	
17- Helalia Hospital	- Assisting Units being financed	Maintenance and Drainage will be done after Sale of plot of land
18- Geneid Hospital		
Maintenance	Maintenance completed	Singa factory provides all hospital needs i.e. maintenance, development and financing the assisting Units.
19- 24 Gourashi Hospital	Equipment, manpower additional 2nd hand vehicle	- Maintenance of whole hospital
		- Financing assisting Units
20- El Houda Hospital	- Maintenance of whole hospital	- Financing assisting Units especially Dental Surgery Unit
	- New vehicle for Hospital	

Name of Hospital	Achevement 81-83	Proposals and projects 83-89
21- Gamouse Hospital		
22- Matsouri "		
23- Mealieg "	All these Hospitals being newly enaugurated	Development plan operation being established for the coming period.
24- Um Sharig "		
25- 40 Rahad Village		
26- Sharfa Hospital		
27- 23 Rahad Village Hospital		

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