HOSPITAL CONCEPT AND HOSPITAL PROGRAMMING
PARTS OF THE PLANNING PROCESS

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Concept of the hospital – masterplan of the building

- Hot hospital
- Elective hospital
- Diagnostic units
- Hospital wards
- Technical support services
- Patient and personnel services
GENERAL HOSPITAL CONCEPT
MAIN GROUPING OF FUNCTIONS

NON-MEDICAL SUPPORTING SERVICES
- CENTRAL STORAGE
- PHARMACY
- CENTRAL STERILIZATION UNIT
- TEXTILES
- AUTOPSY
- BUILDING MAINTENANCE
- ICT-SERVICES

HOT HOSPITAL
- 24H CONSULTATION AND TRAUMA
- ICU, OBSERVATIONS
- OPERATION
- CARDIOLOGY UNIT
- CRITICAL PATIENT WARD
- DELIVERY UNIT
- INFECTION WARD

DIAGNOSTIC SUPPORTING SERVICE UNITS
- IMAGING DIAGNOSTICS
- LABORATORY
- CLINICAL PHYSIOLOGY
- CLINICAL NEUROPHYSIOLOGY

CONSULTATIONS OPEN CARE UNITS
- MULTISPECIALITY CONSULTATIONS
- GYN. ORL. OPHTHALMOLOGY
- NURSING CENTER
- HEMODIALYSIS
- REHABILITATION
- DENTAL UNIT

WARDS
- MULTISPECIALITY WARDS
- DELIVERY WARDS

PATIENT AND PERSONNEL SERVICE UNITS
- ADMINISTRATION
- STAFF LOCKERS
- AUDITORIUMS
- EDUCATION
- CATERING
- RESTAURANTS, CAFÉS
- PATIENT SERVICES
GENERAL HOSPITAL CONCEPT
HOT HOSPITAL

- DELIVERY UNIT
  - DELIVERY
  - RECEPTION
  - CONSULTATION
  - PREMATURE ICU

- CARDIOLOGY UNIT
  - CCU
  - ANGIOGRAPHY
  - CONSULTATIONS
  - DIAGNOSTICS

- WARDS
  - MULTISPECIALITY
  - DELIVERY WARDS

- CRITICAL PATIENT WARD
  (INFECTION WARD)

- INTENSIVE CARE UNITS
  - INTENSIVE CARE UNIT
  - STROKE UNIT
  - INTENSIVE OBSERVATION UNIT

- 24H CONSULTATION
- TRIAGE
- FAST TRACK UNIT
- DELIVERY INTAKE
- ACUTE PSYCHIATRY
- OBSERVATION
- 24H CONSULTATION FOR CHILDREN
- SAMPLE TAKING
- IMAGING DIAGNOSTICS
- ISOLATION ROOMS
- INFECTION WARDS

- IMAGING DIAGNOSTICS
  - NATIVE
  - CT
  - MRI
  - ANGIOGRAPHY
  - ULTRASONIC

- SCOPES
- DAY SURGERY

- OPERATION DEPARTMENT
GENERAL HOSPITAL CONCEPT
CONSULTATIONS
OPEN CARE UNITS

- MULTISPECIALITY CONSULTATION
- OPHTHALMOLOGY, ORL, GYNECOLOGY

OPEN CARE UNITS
- HEMODIALYSIS
- REHABILITATION
- MEDICATION
- DAY HOSPITAL

IMAGING DIAGNOSTICS

CLINICAL PHYSIOLOGY

CLINICAL NEUROPHYSIOLOGY

DENTAL UNIT

TREATMENT UNIT

NURSING UNIT

SAMPLE TAKING
GENERAL HOSPITAL CONCEPT
DIAGNOSTIC SUPPORTING SERVICES

HOT HOSPITAL

DIAGNOSTIC SUPPORTING SERVICES
- IMAGING DIAGNOSTICS
- CENTRAL LABORATORY
- CLINICAL PHYSIOLOGY
- CLINICAL NEUROPHYSIOLOGY

ELECTIVE PATIENTS
CONSULTATIONS
WARDS
GENERAL HOSPITAL CONCEPT

WARDS

IMAGING DIAGNOSTICS
CLINICAL PHYSIOLOGY
CLINICAL NEUROPHYSIOLOGY
REHABILITATION

CRITICAL PATIENT WARD

OPERATION DELIVERY

WARDS
- MULTISPECIALITY WARDS
- DELIVERY WARD

CONNECTIONS TO TREATMENT UNITS

VISITORS ENTRANCE
Hospital processes

Essential processes
• Medical patient processes (15)
• Non-medical processes (5)
GENERAL HOSPITAL CONCEPT
24/7 CONSULTATION
EMERGENCY PROCESSES / TRAUMA PATIENT

ENTRANCE TRAUMA
Triage
Treatment Procedure
Diagnostics (Prelim.)
Sample Taking, Imaging
Nova Unit
Waiting Under Obs. Diagnostics (AFTER LAB, IMAGING)
Operation, ICU
Observation Unit
Rest Post Oper., Post Proc.
Recovery
WARD, Observation Unit
Home Rehabilitation Health Center Other Hospital
GENERAL HOSPITAL CONCEPT
24/7 CONSULTATION
EMERGENCY PROCESSES / WALKING PATIENT
Programming

• Statistic volumes
• Planning figures
Volumes

• Hospital beds/1000 inh
• Elective consultation/inh/year
• 24/7 consultation/inh/year
• Imaging/inh/year
• Laboratory tests/inh/year
• Elective operations/inh/year
• Deliveries/1000inh/year
Planning figures

• Consultation room, patient visits/year
• Operation theatres, operations/year
• Delivery room, deliveries/year
• Imaging laboratory, examinations/year
• Laboratory
  – tests/inh/year
  – test results/employee/year
  – gross m2/employee

Hospital ward, gross m2/bed
Concept
Processes
Medical volumes
Non-medical volumes
Planning figures
Unit schemes