



COMPANY PROFILE

2024

ABOUT US

2A is an international biomedical engineering and consulting firm based in Istanbul, Türkiye. Founders of 2A carries 25 years of experience in turnkey hospital solutions and operational management, sales of medical devices and clinical engineering services in the healthcare technologies sector.

We develop Turnkey Projects, provide studies, consulting services and the complete range of medical equipment adapted to end users' needs, along with the various services related to these projects: Architectural and Construction Activities and Medical Equipment Planning Management.

As 2A, we are providing engineering and consulting services tailored to your needs with package solution included financial, logistic, installation, technology management for medical devices. Our goal is to produce solutions that fulfil our customers' requirements with minimum cost in a short period of time

OUR SPECIALTIES

We study your project from all conceivable angles

TURNKEY HOSPITAL PROJECTS

- MEDICAL DEVICE PLANNING
- CLINICAL ENGINEERING
- OPERATIONAL CONSULTING
- USER AND TECHNICAL TRAINING
- HEALTH MANAGEMENT AND ORGANISATION



for your peace of mind and for the ultimate benefits of the patients

TURN-KEY HOSPITAL MANAGEMENT

ALL-IN-ONE HOSPITAL SOLUTION

- Hospital design, review and optimization, focused to address the scope of the hospital
 - Construction and Project Management- IT planning, implementation and on-going support
 - Full hospital supply and service, from equipments to supplies to furniture
 - Medical staff recruitment, training
 - Hospital management consultation
 - Financing options consultation tailored to address the client, the project and the market for full turn-key project and equipment, supplies and services
- 
- An aerial rendering of a modern hospital complex. The central building features a large, curved, perforated facade. The complex is surrounded by greenery, including trees and lawns, and is adjacent to a road with a few cars. The sky is a clear, bright blue.

CLINICAL ENGINEERING SERVICES

1. PLANNING

(Situation Analysis (for needs assessment) / Strategic Planning and Priority Setting / Technology Screening/Option Valuation / Clinical Programming and Budgeting)

2. SUPPLY MANAGEMENT

(Resource mobilization & flooring) / Clinical Evaluation and Selection / Cost Life Cycle / Supply chain management / Receive installation and activation)

3. ASSET MANAGEMENT

(Classification and naming/Inventory / Asset Records / User Support and Training / Performance Monitoring)

4. RISK MANAGEMENT

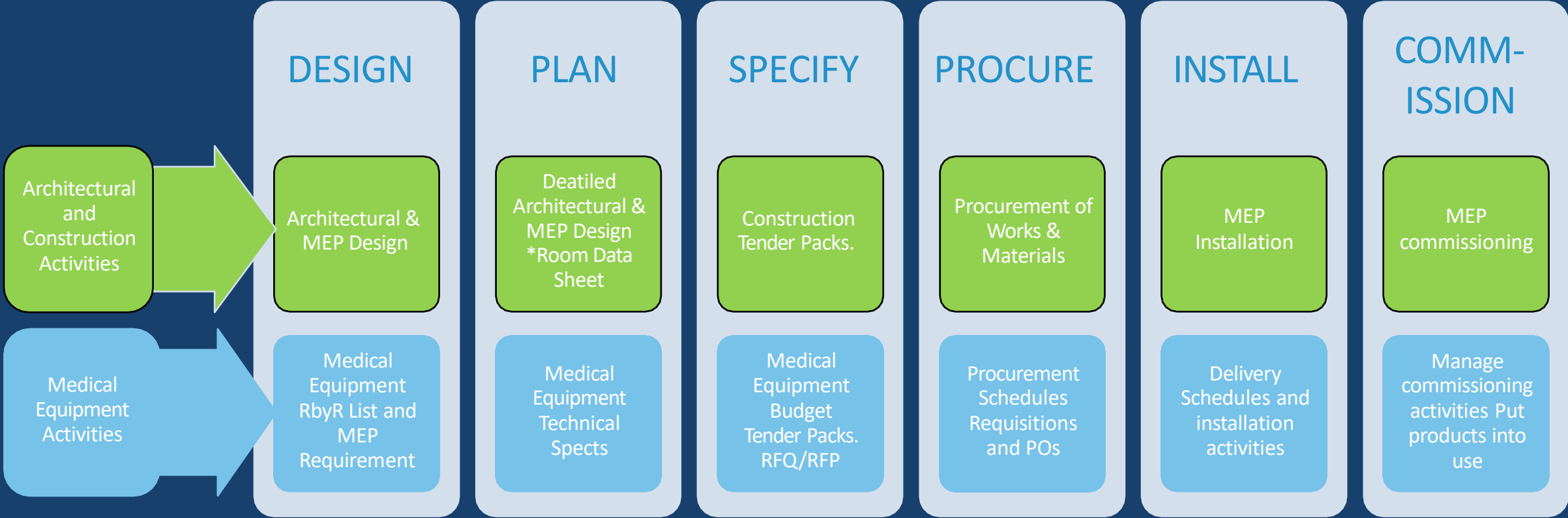
(Risk Profiling and Evaluation / Post-Market Surveillance / Danger Notification / Control / Calibration / Security Controls / Event Monitoring and Analysis / Quality assurance)

5. SERVICE MANAGEMENT

(Scheduled-Preventive Maintenance / Corrective Maintenance (Repair) / Spare Parts Management)

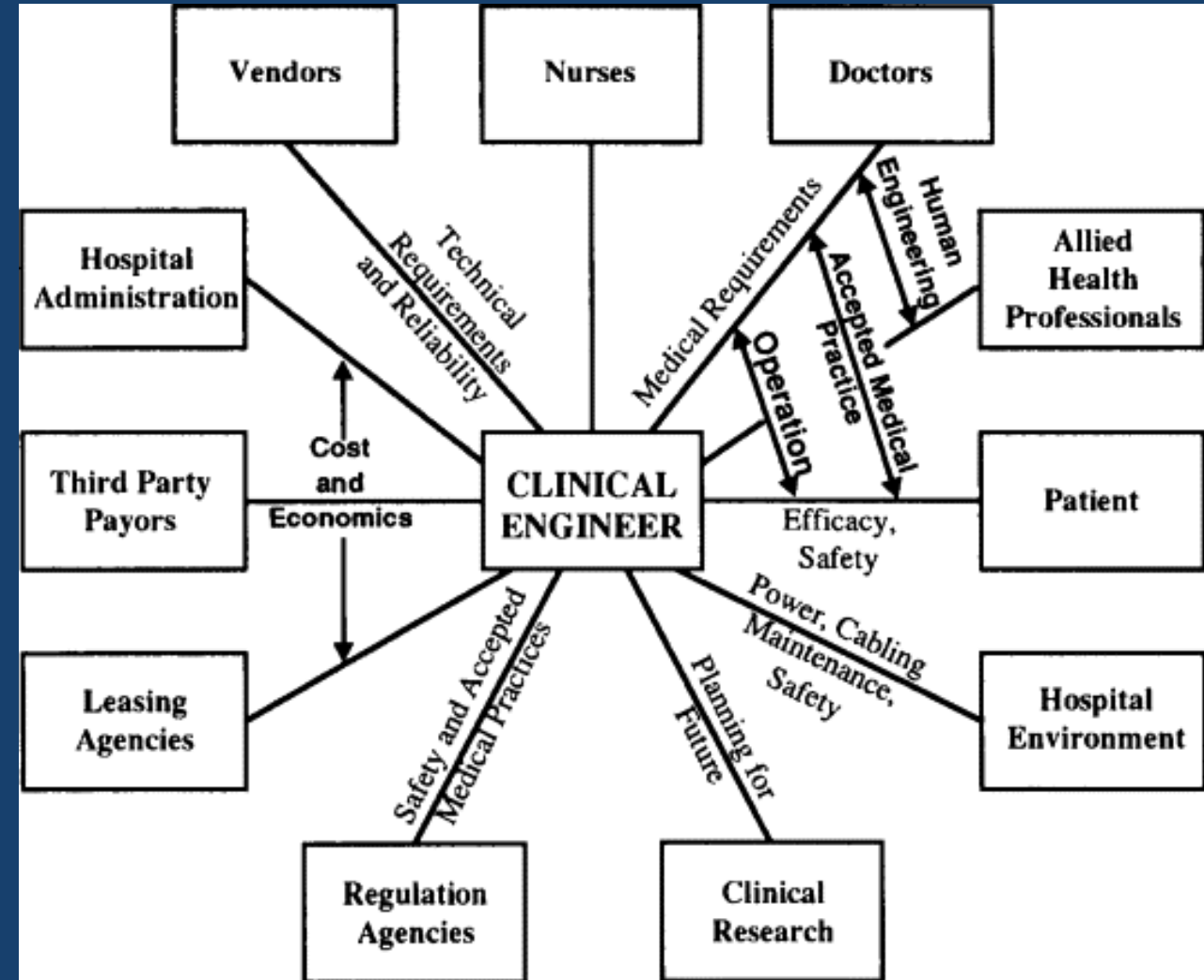
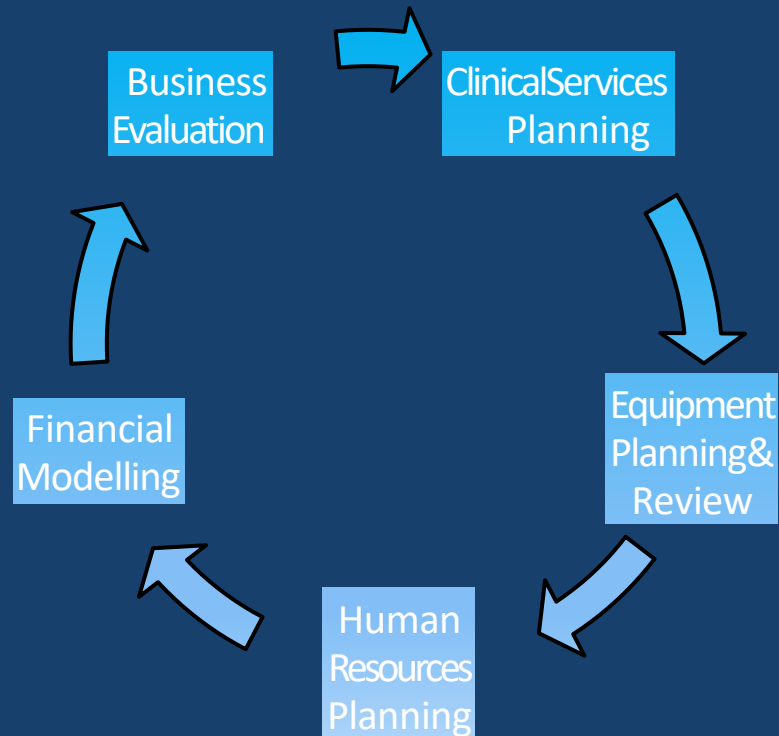


MEDICAL EQUIPMENT PLANING PROCESS



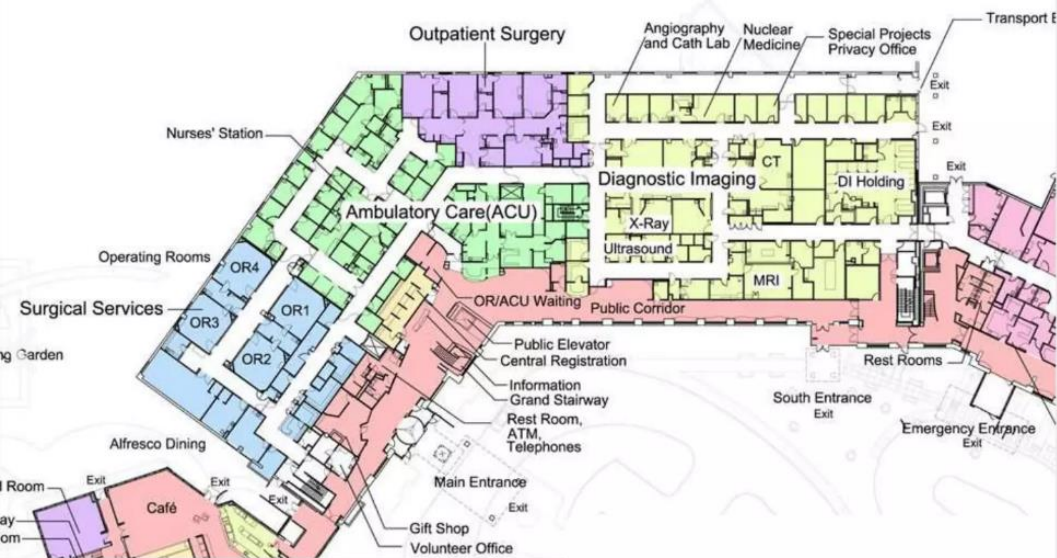
BUSINESS PLANNING & CLINICAL VISIONING

- Preparation of a business and marketing plans
- Market analysis
- RFP/RFI creation



HOSPITAL PLANNING AND ARCHITECTURAL DESIGN

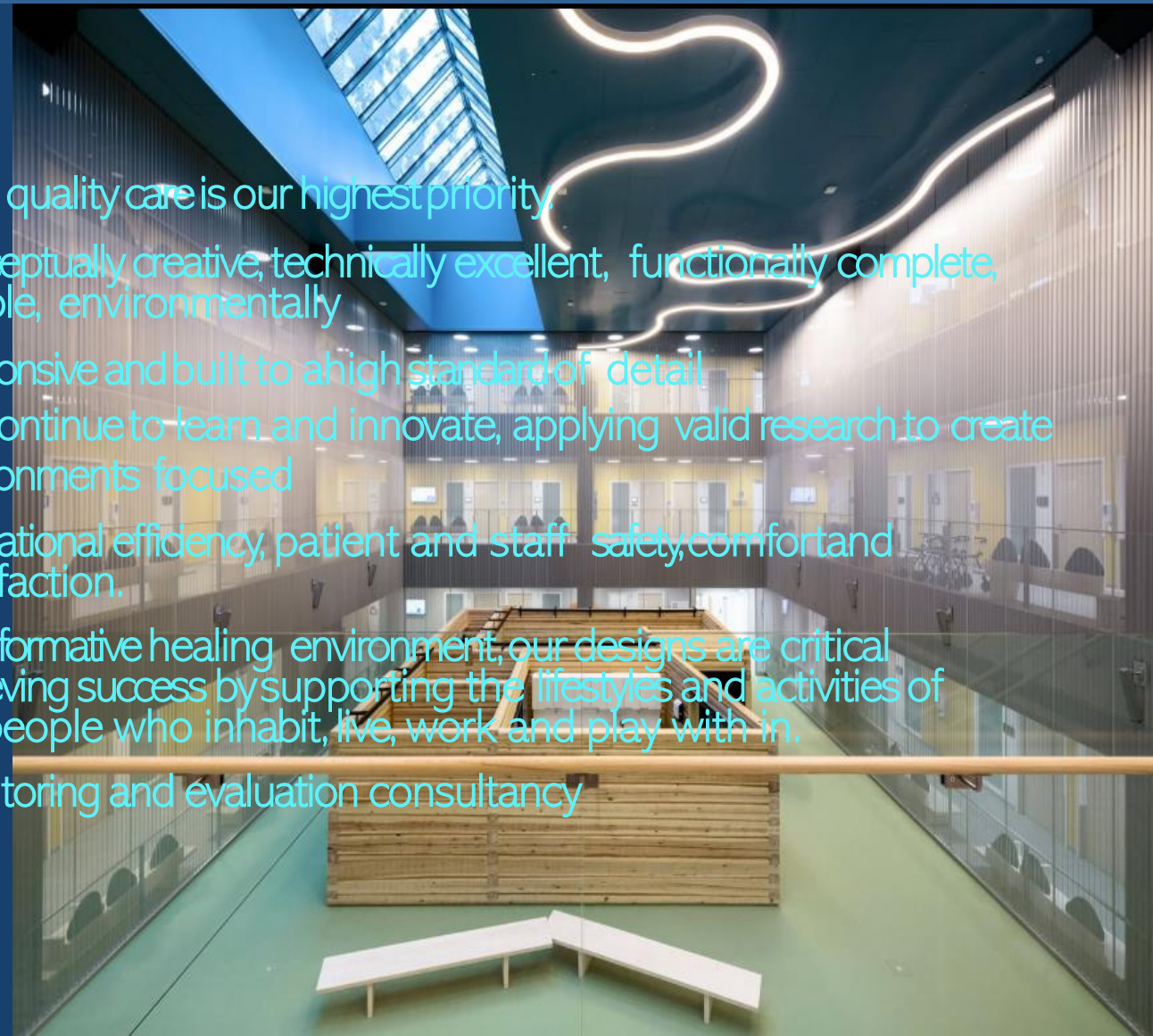
Hospital Architecture Design & Planning



- High quality care is our highest priority.
- Conceptually creative, technically excellent, functionally complete, flexible, environmentally
- Responsive and built to a high standard of detail
- We continue to learn and innovate, applying valid research to create environments focused

Operational efficiency, patient and staff safety, comfort and satisfaction.

- Transformative healing environment, our designs are critical achieving success by supporting the lifestyles and activities of the people who inhabit, live, work and play with in.
- Monitoring and evaluation consultancy



ELECTRO-MECHANICAL AND IT SYSTEMS PLANNING

Supply & Installation of Electromechanical Systems & IT (HW and SW) projects including:

- HVAC (Heating, Ventilating, and Air Conditioning Systems), plumbing, fire fighting,
- Electrical power and low current systems for hospitals.
- Server, Storage, Data cables, Workstation, etc of Hardwares
- Healthcare Information System (HIS) Software

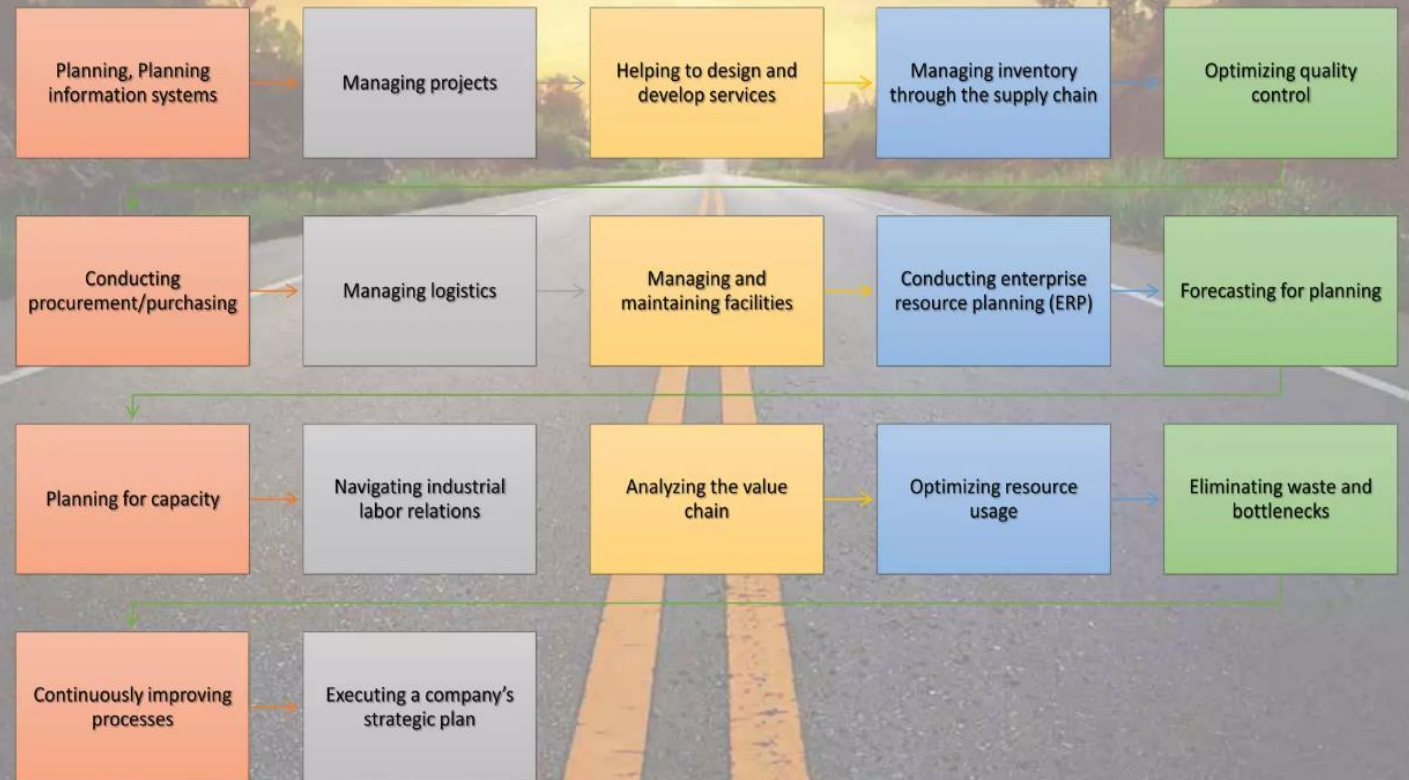


HOSPITAL OPERATIONS MANAGEMENT

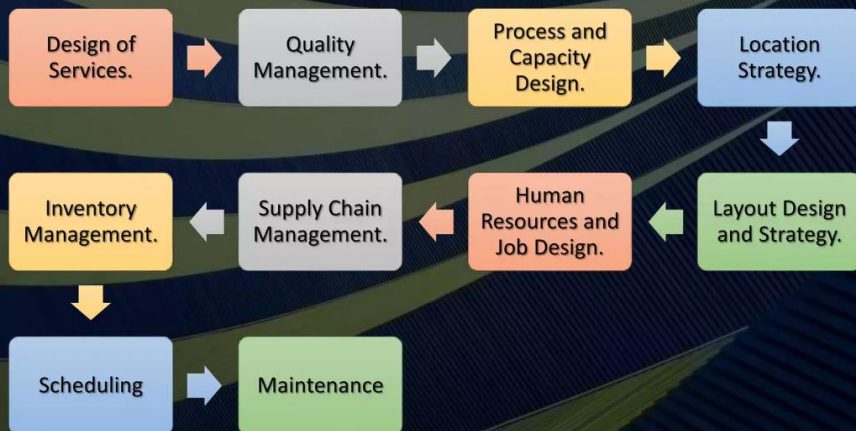
What are the core functions of operations management?



General Functions and Roles in Healthcare Operations Management



10 Decision Areas of Healthcare OM



OUR REFERANCES

MINISTRY OF HEALTH -TURKEY BAĞCILAR EDUCATION AND RESEARCH HOSPITAL



Location: İstanbul/Turkey

Size: 600 Beds / 70.370 m²

Role: Operational and Management
of Medical Equipment Department

- ✓ Biomedical Engineering Department Management
- ✓ Space program for all hospital units.
- ✓ Determined quality criteria and application methods for the project
- ✓ Created capacity calculations
- ✓ Determining traffic flow of patient, material, waste and employees
- ✓ Planned Medical Technology
- ✓ Medical Equipment Planning
- ✓ Medical Device Integration with Architectural Design

MINISTRY OF HEALTH - IRAQ

AL MAAMIL 122 BEDS GENERAL HOSPITAL



Location: Baghdad-IRAQ

Size: 122 Beds / 16.370 m²

Role: Operational and Management
of Medical Equipment Department

- ✓ Biomedical Engineering Department Management
- ✓ Space program for all hospital units.
- ✓ Determined quality criteria and application methods for the project
- ✓ Created capacity calculations
- ✓ Determining traffic flow of patient, material, waste and employees
- ✓ Planned Medical Technology
- ✓ Medical Equipment Planning
- ✓ Medical Device Integration with Architectural Design

MINISTRY OF HEALTH -TURKEY ETLİK INTEGRATED HEALTH CAMPUS



Sector: Health PPP Project

Location: Ankara / Turkey

**Role: Consultancy of Operational
and Medical Processes**

- ✓ Medical Functional Design Consultancy
- ✓ Consulting of medical equipment procurement
- ✓ Managing tender Process for Out-source services
- ✓ Examination of operational and medical adequacy of HBYS.
- ✓ Supervising of operation of support services below:
 - Pharmaceutical Services
 - Cleaning Services
 - Catering Services
 - Security Services
 - Laundry Services
 - Parking Services
 - Waste Management
 - Reception / Help Desk / Transport Service
- ✓ Supervising of operation of medical services below:
 - Laboratory
 - Imaging (Radiology)
 - Sterilization
 - Physical therapy and rehabilitation

MINISTRY OF HEALTH -TURKEY

KARTAL EDUCATION AND RESEARCH HOSPITAL



Location: Istanbul/Turkey

Size: 800 Beds / 145.558 m²

Role: Operational Planning and Medical Equipment
Planning

- ✓ Biomedical Engineering Department Management
- ✓ Space program for all hospital units.
- ✓ Determined quality criteria and application methods for the project
- ✓ Created capacity calculations
- ✓ Determining traffic flow of patient, material, waste and employees
- ✓ Planned Medical Technology
- ✓ Medical Equipment Planning
- ✓ Medical Device Integration with Architectural Design

MINISTRY OF HEALTH -TURKEY

ADANA INTEGRATED HEALTH CAMPUS



Sector: Health

Location: Adana/ Turkey

**Role: Audit of Operational
and Medical Processes Before
Opening**

- ✓ Supervising of functionality of construction projects
- ✓ Supervising of construction projects
- ✓ Supervising of installation of medical units
- ✓ Monitoring of arrangements relating to the critical issues that create risks
- ✓ Examination of operational and medical adequacy of HBYS.
- ✓ Supervising of operation of support services below:
 - Pharmaceutical Services
 - Cleaning Services
 - Catering Services
 - Security Services
 - Laundry Services
 - Parking Services
 - Waste Management
 - Reception / Help Desk / Transport Service
- ✓ Supervising of operation of medical services below:
 - Laboratory
 - Imaging (Radiology)
 - Sterilization
 - Physical therapy and rehabilitation

MINISTRY OF HEALTH -TURKEY

YOZGAT INTEGRATED HEALTH CAMPUS



Sector: Health PPP Project

Location: Yozgat/Turkey

Role: Audit of Operational and Medical Processes Before Opening

Status: Completed

- ✓ Supervising of functionality of construction projects
- ✓ Supervising of construction projects
- ✓ Supervising of installation of medical units
- ✓ Monitoring of arrangements relating to the critical issues that create risks
- ✓ Examination of operational and medical adequacy of HBYS.
- ✓ Supervising of operation of support services below:
 - Pharmaceutical Services
 - Cleaning Services
 - Catering Services
 - Security Services
 - Laundry Services
 - Parking Services
 - Waste Management
 - Reception / Help Desk / Transport Service
- ✓ Supervising of operation of medical services below:
 - Laboratory
 - Imaging (Radiology)
 - Sterilization
 - Physical therapy and rehabilitation

PRIVATE İSTANBUL DERİNDERE HOSPITAL



Sector: Health

Location: İstanbul/Turkey

Role: Hospital Installation and Management Consultancy

- ✓ Biomedical Engineering Department Management
- ✓ Preparing a Feasibility Report for Evaluation Existing Situation
- ✓ Managing all opening operation as founder management
- ✓ Operational Planning and Operational Process Management
- ✓ Purchasing Staff and Doctor
- ✓ Training of all staff
- ✓ Opening the Hospital

REFERENCES IN BRIEF



Project Name: LIV Hospital, Ulus - Istanbul

Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2013

Size: 36.000 m2, 200 Beds



REFERENCES IN BRIEF

MEDICALPARK

Project Name: Medicalpark Batıkent Hospital

Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2014

Size: 32.000 m2, 175 Beds



REFERENCES IN BRIEF



Project Name: Medipol Bağcılar Megapol Hospital

Consultancy Role: Planning and Procurement of Medical Equipment

Project Date: 2012

Size: 90.000 m², 450 Beds



REFERENCES IN BRIEF



Project Name: LIV Hospital, Çankaya -ANKARA

Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2014

Size: 30.000 m2, 200 Beds



REFERENCES IN BRIEF

MEDICALPARK



Project Name: Medicalpark Bursa Hospital

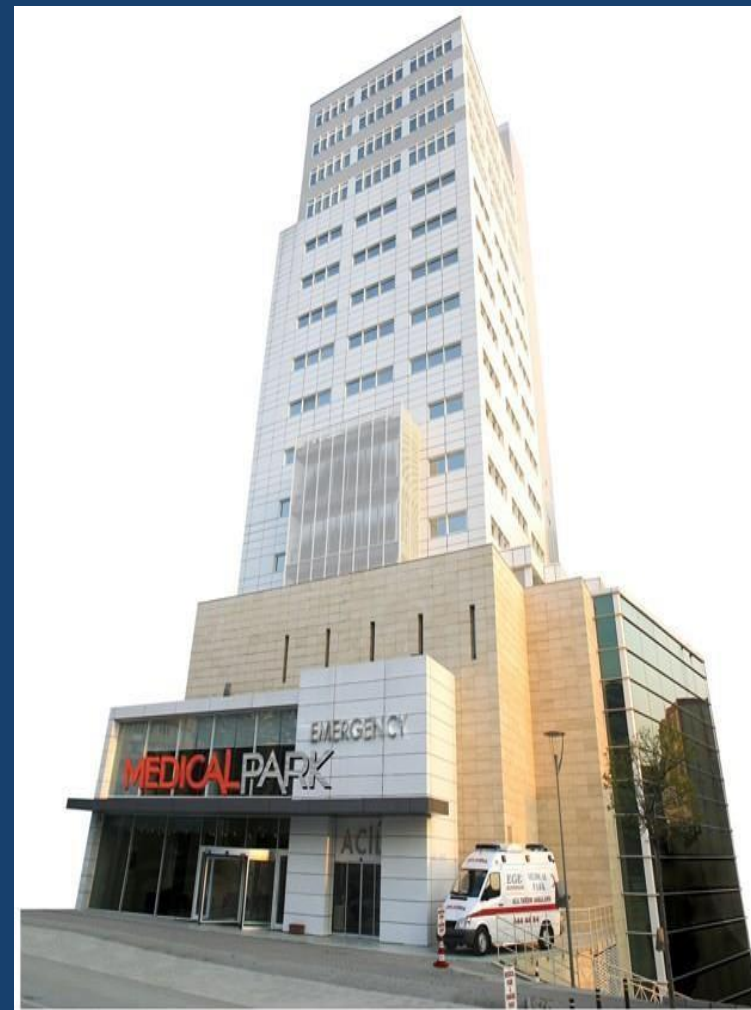
Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2006

Size: 26.000 m2, 230 Beds



REFERENCES IN BRIEF

MEDICALPARK



Project Name: Medicalpark

Bahçelievler Hospital

Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2007

Size: 32.000 m2, 280 Beds



REFERENCES IN BRIEF

MEDICALPARK



Project Name: Medicalpark Göztepe
Hospital

Managing Role:

Plan and Procurement of Medical Equipment

T&C of Medical Equipment and MEP

Project Date: 2008

Size: 36.000 m2, 285 Beds



REFERENCES IN BRIEF



Project Name: Medicana Beylikdüzü Hospital

Consultancy Role:

Planning, Procurement, T&C of Medical Equipment

Project Date: 2006

Size: 35.000 m2, 219 Beds

