

# Medical Equipment Planning

# General Concept of Medical Planning

- Medical Planning is the way to design a hospital or a specialized department that ensure existing the following factors (healing environment, culture, infection & quality control, time minimization, patient safety).

# With who medical planner collaborate?

- Medical Planner collaborate with (Mechanical, Architecture, Civil, Electrical, HAVC, Interior Design) Engineers

# Medical Planning career

- Medical Planner not only planning, but also furnishing hospital departments with suitable (medical & office) furniture and related medical equipment.

# Medical Planner only planning hospitals?

- NO, in best case you plan hospitals.
- You can plan private clinics, health dispensaries (مستوصفات طبية), hospital departments, Medical analysis laboratories, radio-centers, etc...
- Medical Planner could be for:
  - ❖ New construction.
  - ❖ Existing building expansion, rehabilitation and technology renewal.
- You can specialize in furnishing only.

# What **experience** you should collect?

- Hospital Departments Details (Function, Functional program, Components, Medical Technology, Medical Furniture, Office Furniture, Miscellaneous and Areas).
- Medical procedures performed in each department.
- Study inside each Department:
  - Movement of Medical Staff, Paramedical Staff, Visitors and work flow.
  - Engineering Services, Medical gases and Sign Boards.
  - Total Circulation.
- Departmental Relations.

# How can ATOM members practice?

- We can collaborate with architecture department students in their:
  1. Graduation Projects.
  2. Design course project.