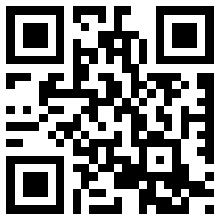




# 2014 Smart Hospital Catalogue



[www.smarthomebus.com](http://www.smarthomebus.com)



**SMARTHOME**  
GROUP  
*Smart home for everyone*

THE BEST CHOICE FOR HOME AUTOMATION  
SMART INDUSTRY CORP. USA

### **What is Smart Hospital?**

Smart-Hospital is the Simple and Efficient Hospital.

### **How does it Work?**

Simply Help Patient To get full status Information and to execute all tests and treatments in organized manner without wastage.

### **What Does it Cover?**

It covers the Patient Side (where most of Other Systems and Software's has not emphasized)

It covers the Building Energy and Comfort Side to assist in cutting wastage

### **What Main Areas we need to Consider as Start?**

As start the Main 2 Areas are the Outpatient, and The In-Patient

### **What do I need to Make my Hospital Smart?**

You need to Simplify the Process for Patient and Increase time efficiency.

Also to cover the Patient Out-Side like: Appointments, Queuing, Where to Go Next, What Diet to follow, What Medication, and My Health File.

### **What are we Covering In this Document?**

1- Outpatient Devices

2- In-Patient Devices

3- Smart-Clinic App at Glance





**Patient Journey In Smart Hospital:**

**(A)** First Time Patient will be issued a Smart Card at Reception Desk. The Card has Patient main Information and Medical File Number. This is Known as: (Patient ID Card)

**The front of Patient ID card is Designed as Per Hospital Need:**

Example:



**The Back of Patient ID card Can Have QR Links to Download Smartphone Apps Like:**

Example:



**Note:** Patient Need Smart-Phone.

For Patients that Do not have Smart-Phones, they Can Use Local Hospital electronic Terminals and Kiosks to read their Cards and Direct them throughout the Hospital and Treatment Process. (See Section (C))

## (B) Install App. And Authenticate it:

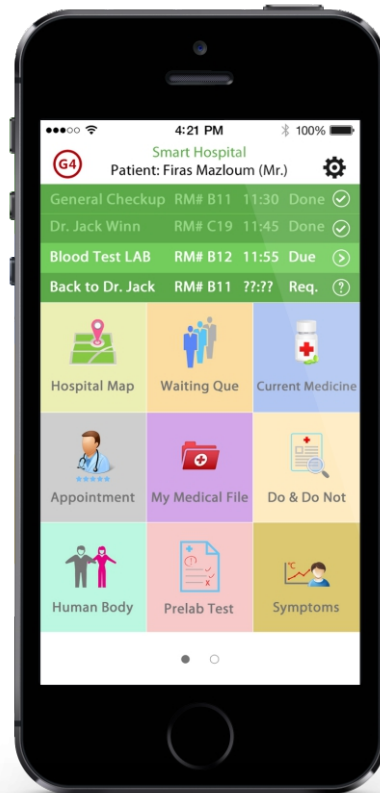
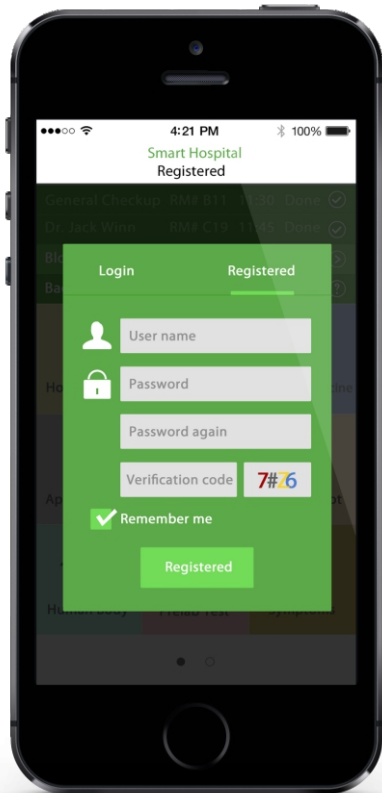
Once App is installed, it will Guide you by step by step to Scan the Barcode of Patient ID using Camera of Smartphone. Then Once this is done, then The Program and the ID are Authenticated by (code matching) where only this Phone can access the Medical File.

**Note:** In case Patient Changes Phone or Require Additional Phone to Access same Patient File, then Must Contact Hospital Reception Outpatient Desk to Apply Through Clinic-IT for Deleting Old Code or Allowing second Authentication code for Second Phone.

## Why Smart-Hospital App?

Technology is the New Companion in Life that is simplifying communication and organizing tasks. Once the Smart-App is Downloaded it Can Help The Patient in Many ways related to Hospital operation like:

- 1, Today' s Hospital Tasks (Done/to do)?
  - 2, Where am I and Where is Next Room?
  - 3,What is My Que and Estimated waiting Time?
  - 4, What is the Results of My Lap tests, and what problems I have now?
  - 5, What Medication? And How to take it?
  - 6, What I can eat Or should Not?
  - 7, Appointment Reminders and Reservations confirmation.
- As well as Many Other.

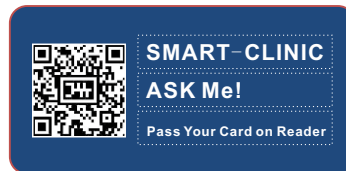


## (C) How to Find my Way using e-terminals and Kiosks?

Smart-Hospital has several Kiosks, e-terminals with Readers, QR Location mark points, and Different Screens for Que information, Clinic Status, and other Functions.

### The Method is very Easy:

If using Patient ID and e-terminals as example: Simply Pass your card on reader and the terminal will Directly Inform you on what is Next and where to go.



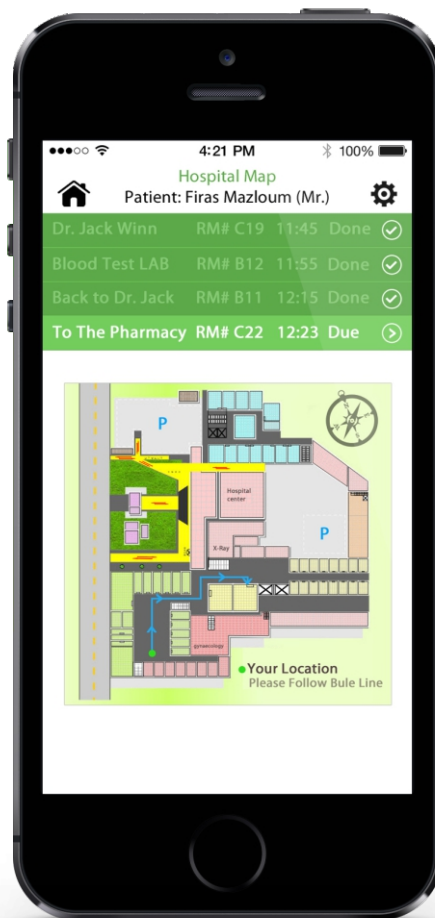
If you have your App, then Simply Scan the QR on e-terminal, or on Different Hospital Wall points.

### Example:

You are Here: Follow Blue Line On Map  
To Reach to Room C22 = Pharmacy

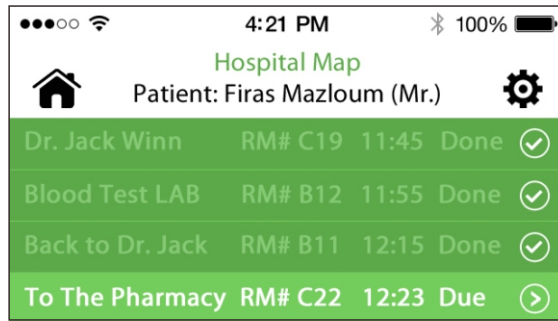
### Note:

As long as you are Connected to  
Smart-Hospital Free wifi, your App  
Will always Sync and Update you  
On Next Tasks and Expected Time.



**(D) What Functions Can Patient Use using Smart Hospital?**

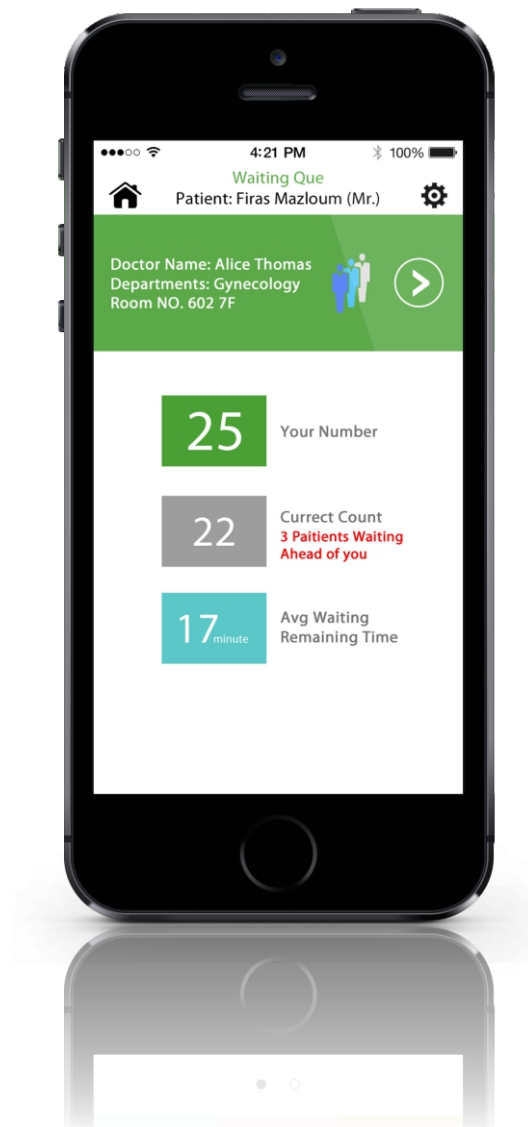
**1) What task is Done, and What Task to Do Next**



**2) What is my Que Number and what is the Estimated waiting Time:**

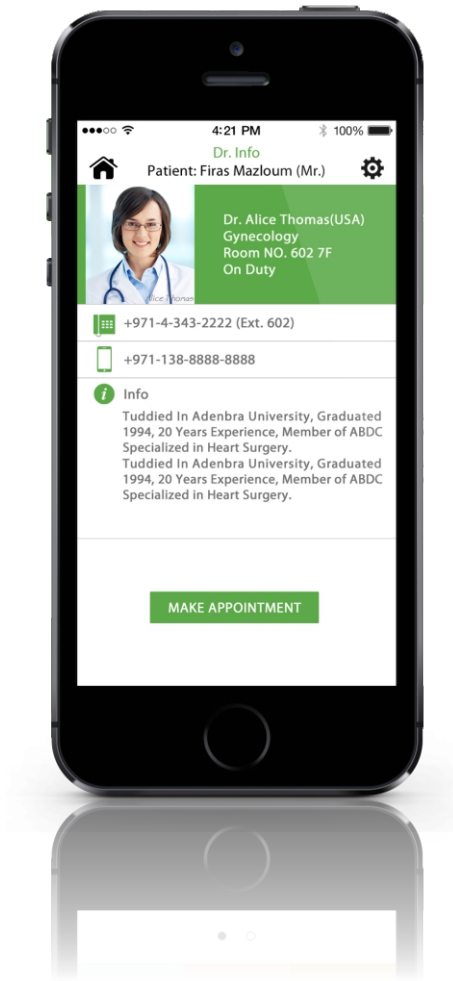
Server calculate Time Based on Real Data of Today' s Patern and Other Historical Pattern per Dr. And Calculate the Avg. Estimated Waiting Time.

This Gives Patient Flexibility to Do other Tasks during Estimated Waiting Time.

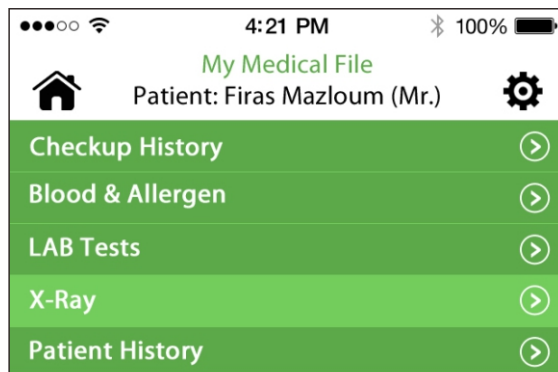


(D) What Functions Can Patient Use using Smart Hospital? .... Continued

3) Dr. Information and Expertise

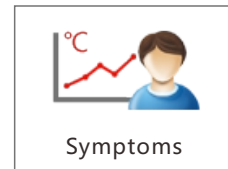
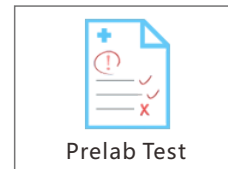
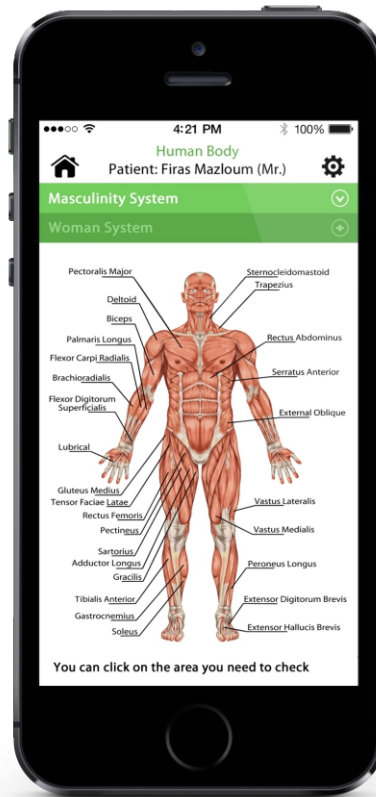


4) Online Patient' s Medical File info



(D) What Functions Can Patient Use using Smart Hospital? .... Continued

5) General Information and Medical health Advise + Lab Tests Types and Preparation Advises



6) Current Medication:



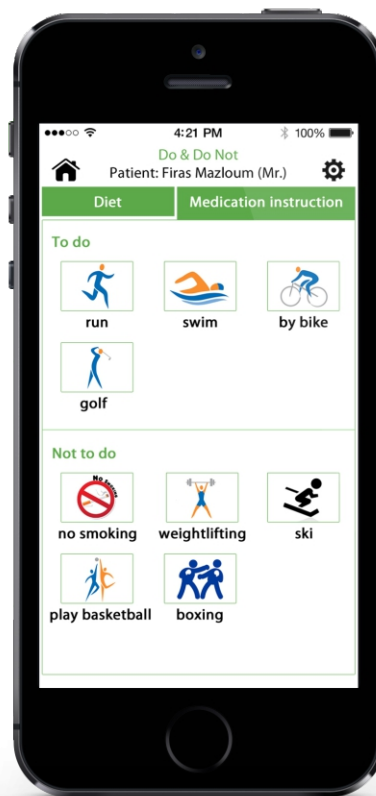


**(D)** What Functions Can Patient Use using Smart Hospital? .... Continued

7) Dietary During Current Treatment:

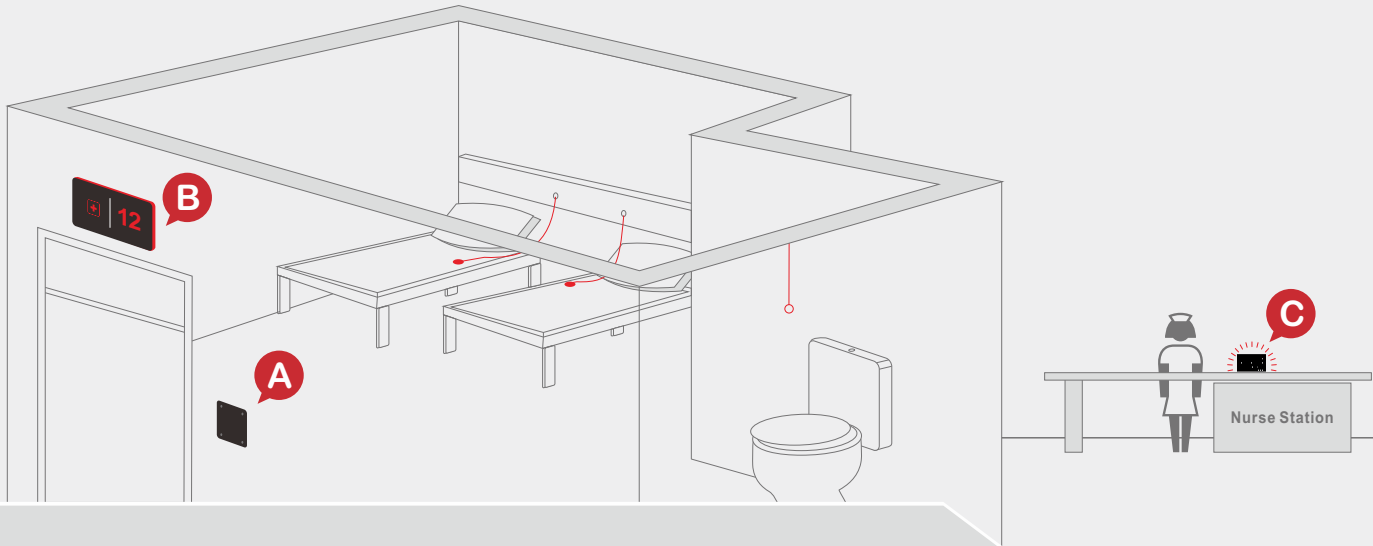


8) Physical Allowed and Forbidden Activities:

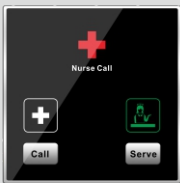


# Smart Hospital

## In-Patient Smart-Clinic Devices



One of the Most important service features in any inpatient ward is Speed accordingly, it was mandatory to make such service request reach the Medical Staff at Nurse station with convenience,, Elegance and efficiency. The Nurse Call System by Smart-Group Serves al these and deliver a cutting edge service level Directly to Nurse Handheld Smart-Phones as well as to Hospital Server and Nurse station supervisor.



### A: Nurse call Wall Panel

This panel is used to call Nurse. Also Nurse can use it to Report Service, Report Emergency, and to Confirm Service Completed. The Panel Accepts 2 NO/NC Inputs (e.g. Bed Call Button and Toilet Call Button)

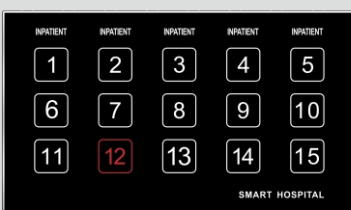
- White= Idle
- Red = Nurse Needed Flashing
- Green = Nurse Serving
- Emergency (To activate, keep Pressing on Call for 3 sec)



### B: Room NC Display

This Nurse Call Display is Designed to Visually Alert Nurse Call Need and Serice or emergency status with ability to View from Distance. The Pannel also Contribute and Can Add room Number to Its Display

- Green = Nurse Serving
- White= Idle
- Emergency (To activate, keep Pressing on Call for 3 sec)
- Red = Nurse Needed Flashing



### C: Nurse Station Module

The Nurse station is cascadable and Has Built in Backlet LED that displays Colored Request and service status. This Elegant Table Top Station is Capacitive Touch, and can be controlled by Nurse Wishfully.

- White= Idle
- Green = Nurse Serving
- Red = Nurse Needed Flashing
- Emergency (To activate, keep Pressing on Call for 3 sec)

# Smart Hospital

## Out-Patient Smart-Clinic Devices



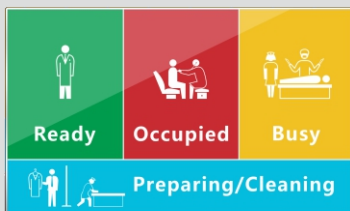
Outpatient in any Hospital is the first interaction between patient and Medical Staff Smart-Hospital Solutions Designed by smart-Group Targeted to cover the missing parts that other systems did not fully cover in simplified and very efficient paperless way. The Inpatient Clinic status and Que System is an added feature that synchronizes with Hospital server and Smart-Clinic App to deliver accurate information management to the Visiting out-patient



### D: Door side Signage Control Elegant Panel

Outpatient Clinic Command Panel is Dr's Preferred Simple panel that can add to the smartphone app allowing flexibility in control over the display status of the clinic.

- Green = Serving
- Red = Occupied
- None = Idle / Not Serving
- Yellow = Busy
- Blue = Preparing/Cleaning



### E: Door Signage in Operation

Outpatient Door Signage Display is easy to understand using Color, text and illustration to help indicate accurate clinic status in elegant and modern way.

- Green = Serving
- Red = Occupied
- None = Idle / Not Serving
- Yellow = Busy
- Blue = Preparing/Cleaning

