|  |  |  |  |
| --- | --- | --- | --- |
| No. | Requirement & problems | solution | note |
| 1 | Review patient’s historical medical records and documents (including those from other clinics and hospitals) | * **Use patient’s memory chip which can protect the patient’s privacy and also record all historical medical records of this patient.** * At the end of the session, the system will clear the patient’s medical records in doctor’s personal computer and update new records in their medical chip card.. * **When meeting a patient, the doctor will have a dashboard to show all required and necessary information in one screen, including diagnosis and compiled medical test results, better with graphs or charts to show these.** | The dashboard can be more visual |
| 2 | Record the diagnosis results | Give a template to record the diagnosis, and store it in the system |  |
| 3 | Make the prescription | * Template to make prescription * Submit the list to pharmacy   ---keep the current system feature | Won’t cause misunderstanding because of bad handwriting.  The process is well satisfied and the improvement is not needed. |
| 4 | Schedule medical lab test with lab department | Give an introduction to the lab department through the system. | No more calling to the lab to check availability. |
| 5 | View patient’s medical test results | Electronic result reports can be stored in the system. | (current situation) The results of blood tests is sent by fax to the receptionist.  The receptionist will send results into a folder and send it to the doctor. |
| 6 | Triage A&E patients | The emergency patients’ condition are recorded in A&E department, and the doctor can access these records when he is going to perform the triage of the patient |  |
| 7 | * Give introduction to the receptionist to book a ward for the patient * Cancellation is also be done by receptionist | Done by receptionist.  Doctors would just send his introduction in an electronic version to the receptionist by the system. | (current situation) If the requested wards are not available, receptionist will call the patient back to check if they can make it on other dates; the receptionist also checks if a doctor is available to attend to the patient. This process continues until a ward is booked. |
| 8 | Visit the ward | * A portable device with a dashboard showing patient’s medical records and current conditions * Interns will make notes dictated by the doctor within the system and the doctor will check later |  |
| 9 | Notify receptionist to  Schedule/cancel an appointment with patients | Notification system |  |
| 10 | To be notified about appointments (booking & cancellation)with patients by the receptionist | Notification system |  |
| 11 | Surgery arrangement | Doctor will inform lab department about the surgery with notification system and let them arrange surgery date in clinic system | Need to call up the lab department |
| 12 | Make doctor’s diary | The system will set a section to help doctors make their doctor diary and backup it in the system |  |