

State diagram

When some particular data gets to the certain threshold an alert is generated. Then it is send either to monitor or a tablet supervised by a staff member, who has to register this alert. Next the alert can be resolved. It can be done automatically, when patient data is stable for a predefined period of time. The alert can be also resolved manually by medical staff, they need do access the patient, probably adjust the treatment and most important confirm that the alert is no longer valid. Then alert is resolved and the process is finished.