

Moving Patients in a digital hospital

A technical analysis, trying to apply what I've learnt during the Alcor training



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The needs: 2 opposite expectations

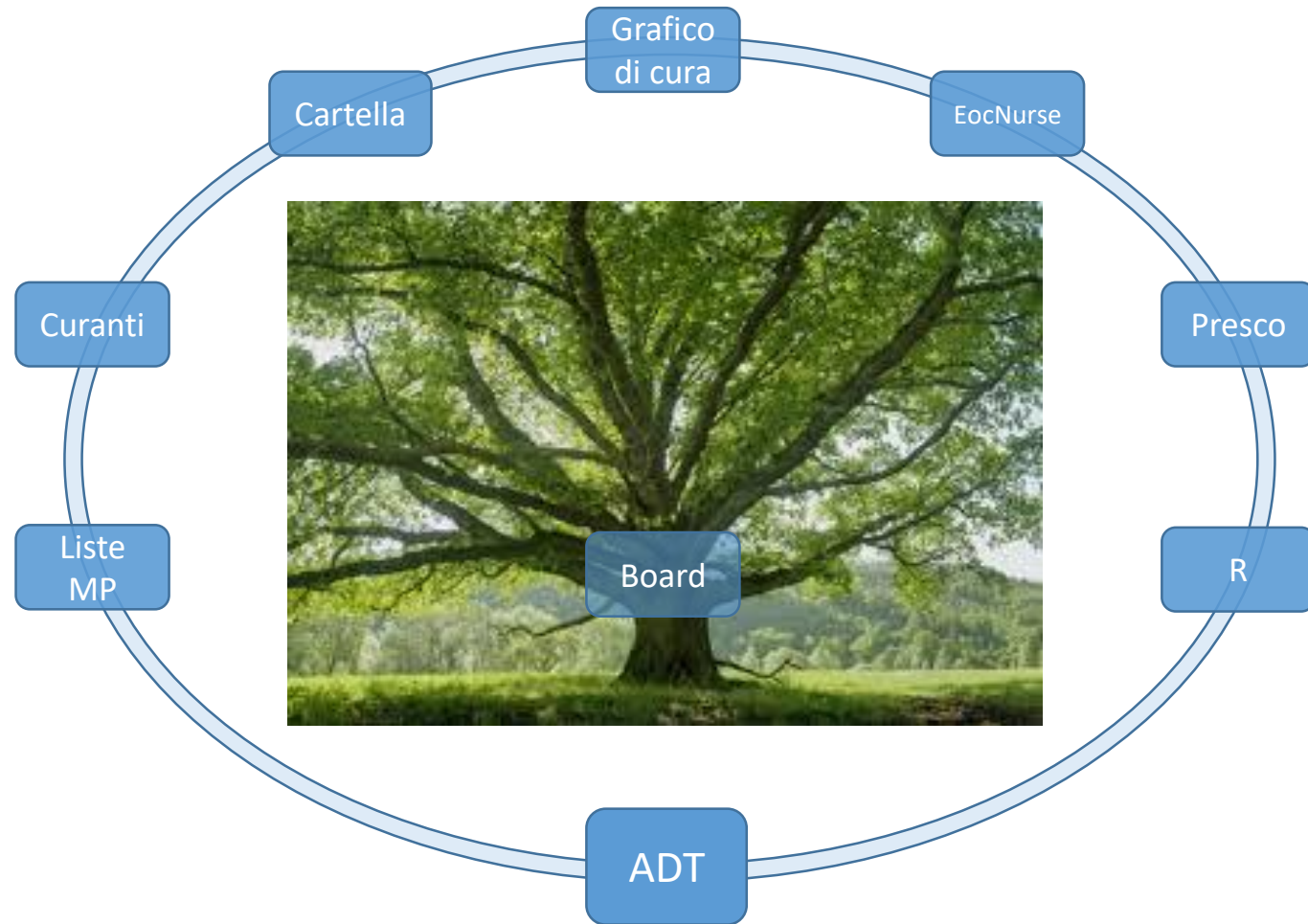
Taking care of a Patient:



Following regulation protocols:



Current solution



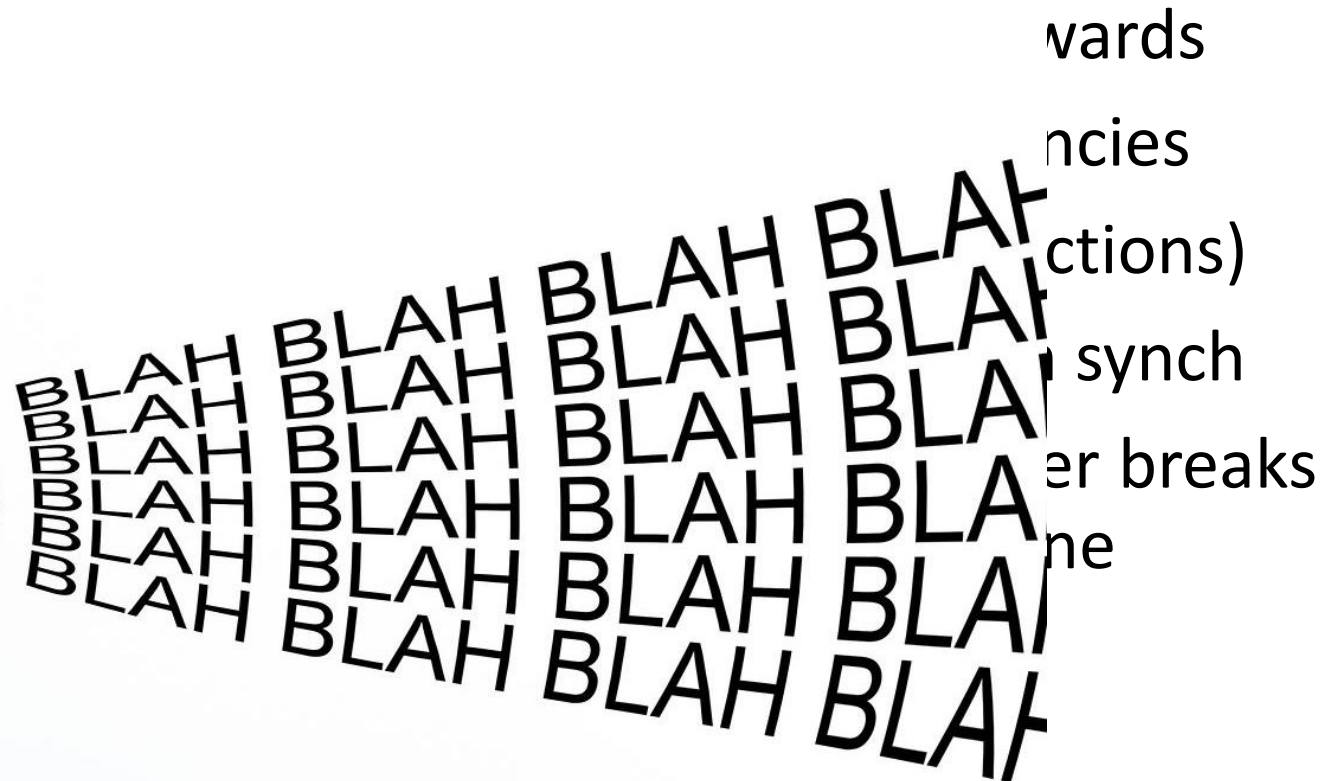
The problems

Real-time system

- CR
- Ag
- Su
- Ch
- Re
- Th



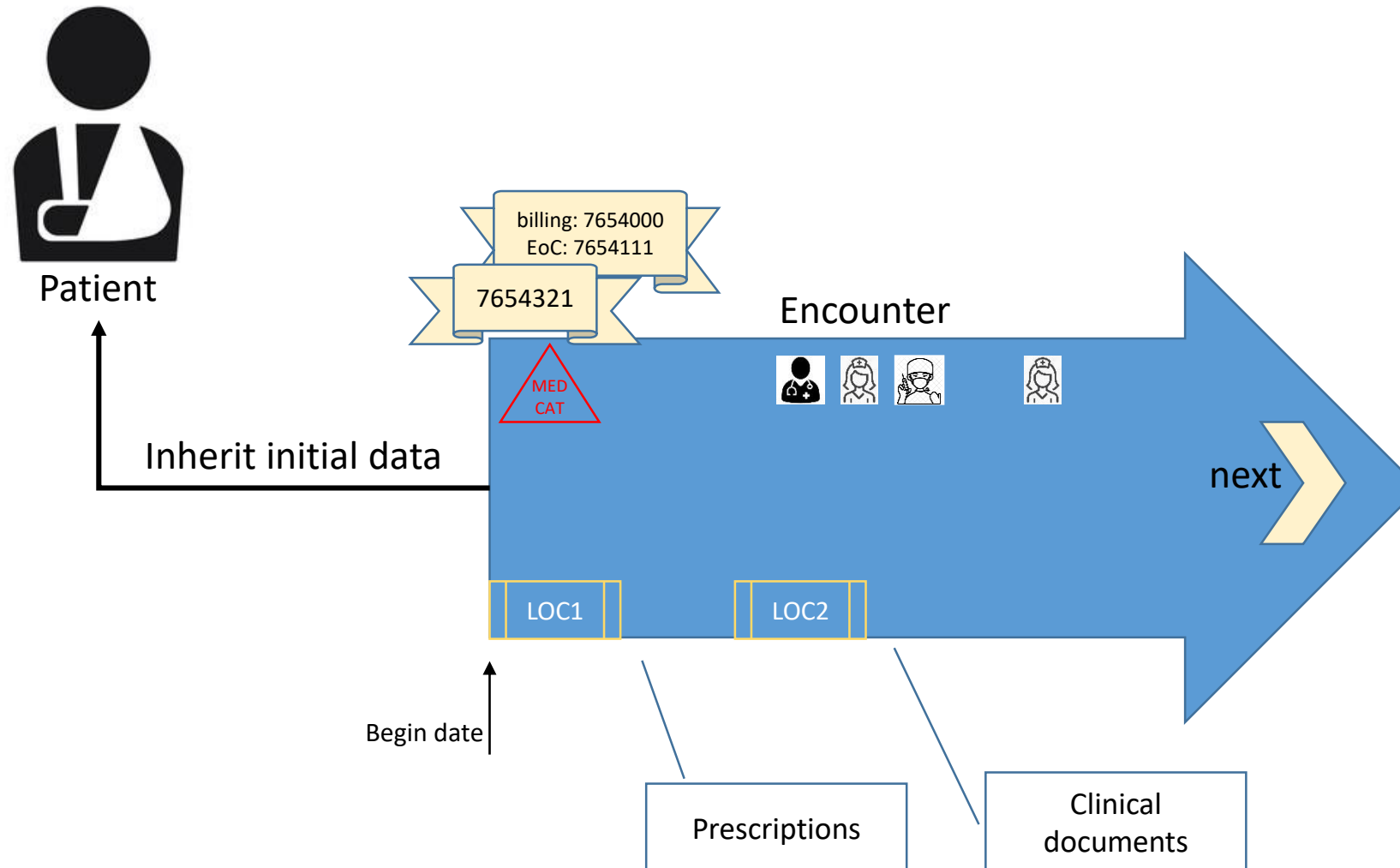
Afterwards changes



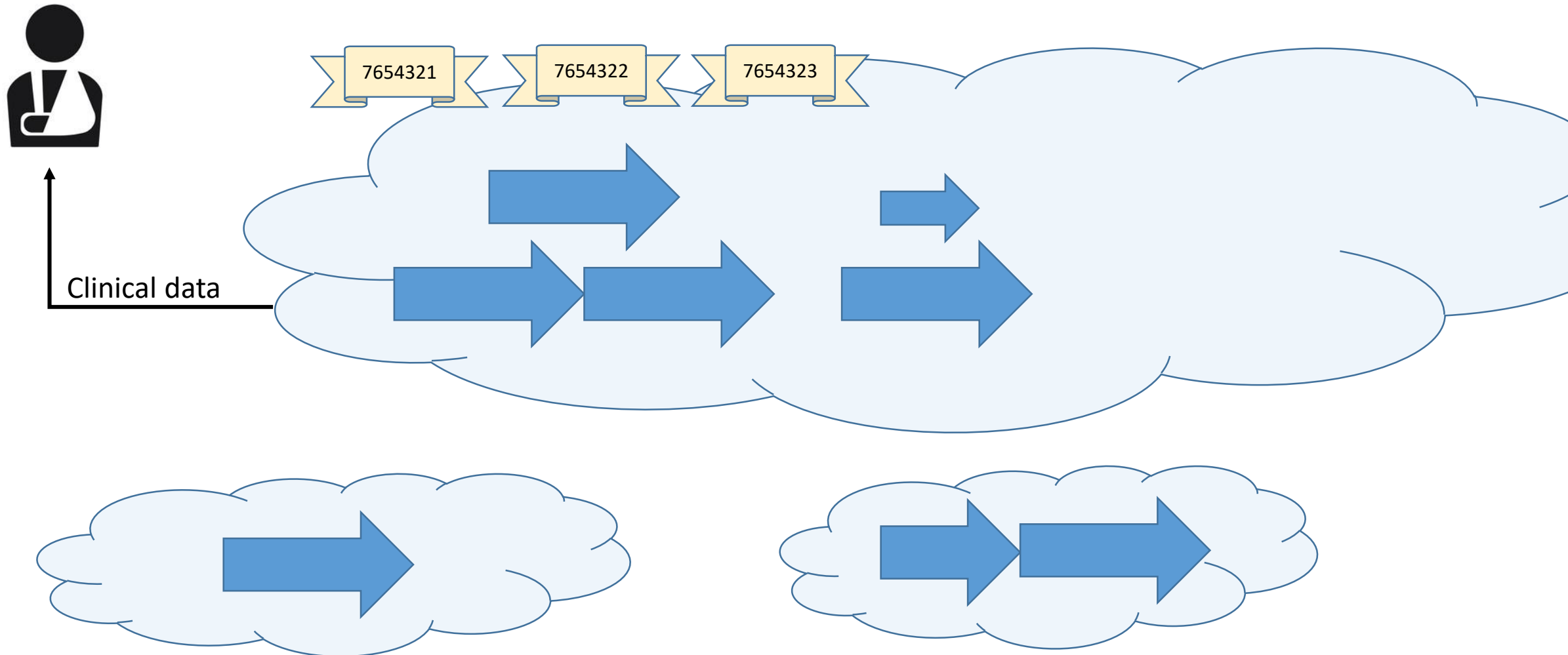
How could we improve it?



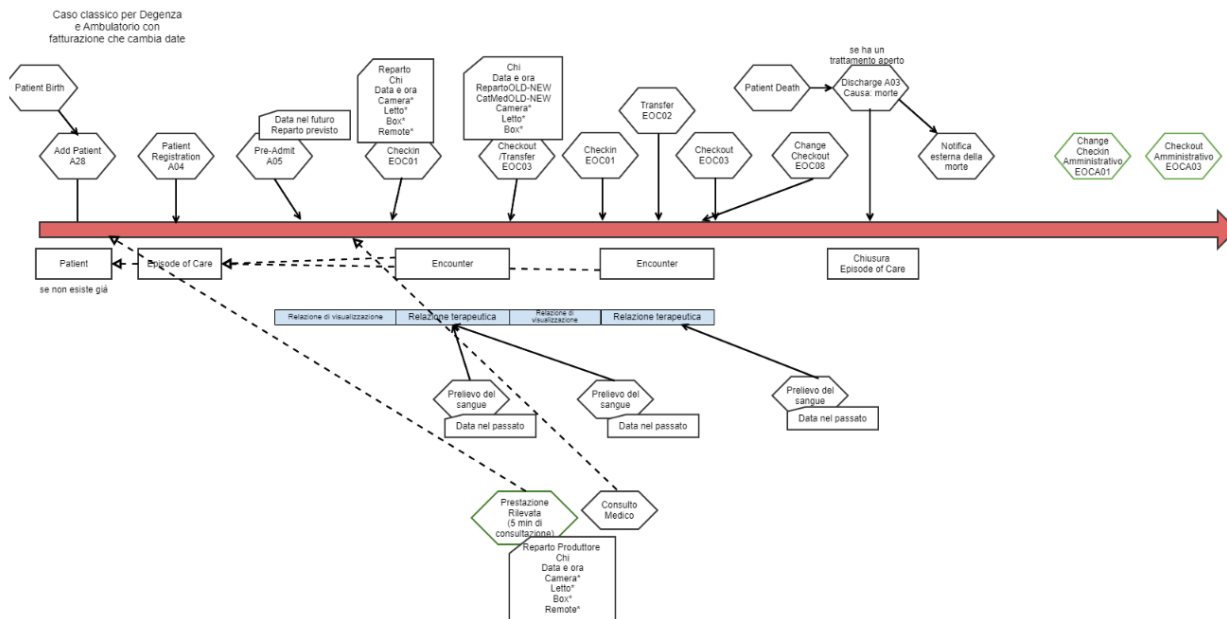
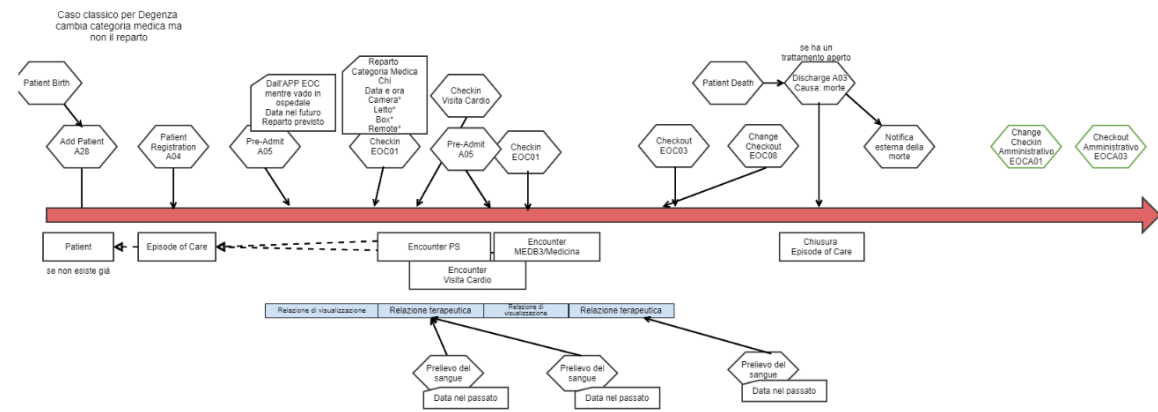
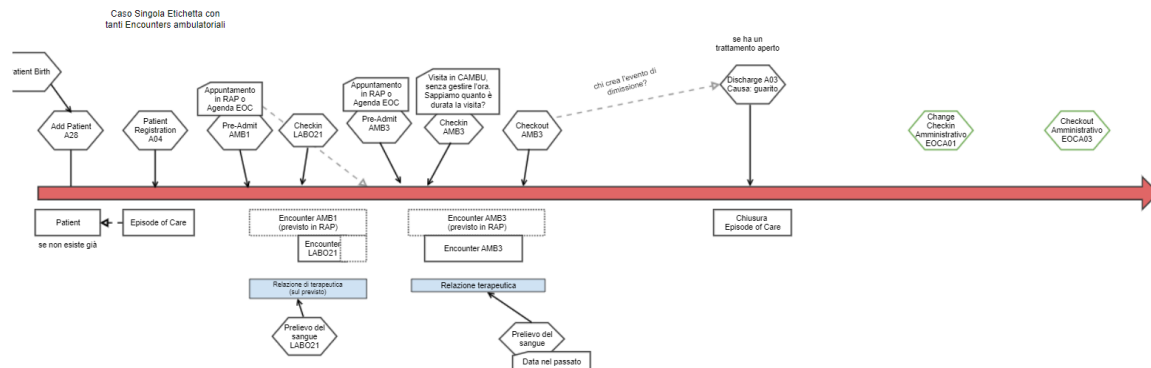
Introduce few new concepts: Encounters



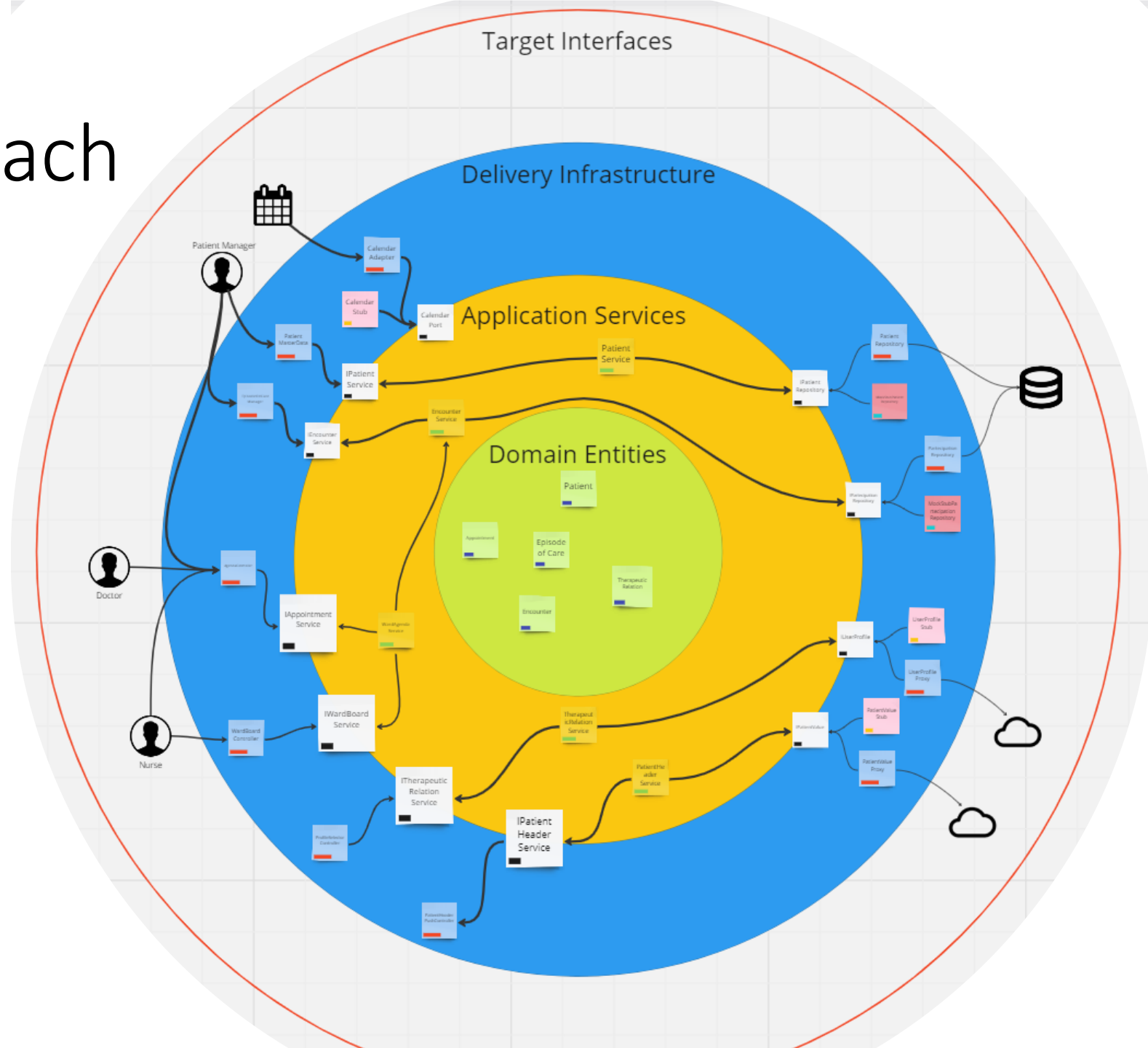
Introduce few new concepts: Episode of Care



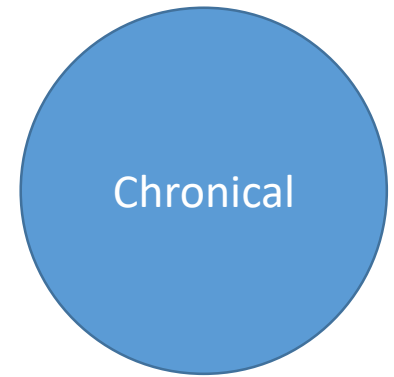
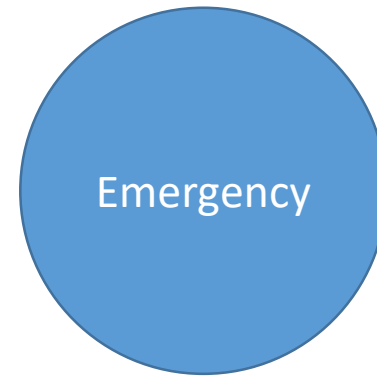
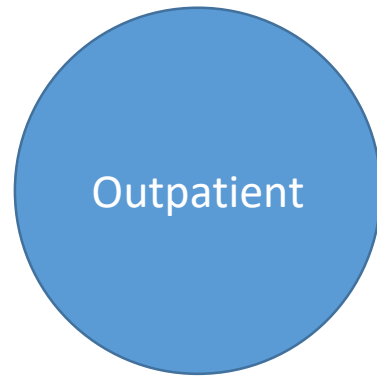
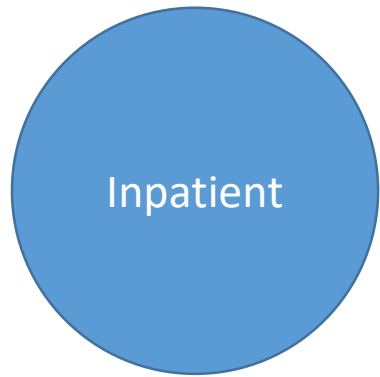
Episode of Care examples



Outside In approach



Defining Acceptance Tests: indentify contexts



Multiple TestScenarios for each context

Inpatient

TestAccountNumbersForInpatientScenarios

GetANewAccountNumberGivenNewPatientEntersTheHospitalForANewEpisodeOfCare
GetANewAccountNumberGivenKnownPatientEntersTheHospitalForANewEpisodeOfCare
GetANewAccountNumberGivenKnownPatientReEntersTheHospitalAfter72hForAnExistingEpisodeOfCare
ReuseTheExistingAccountNumberGivenKnownPatientReEntersTheHospitalAfter12hForAnExistingEpisodeOfCare
UsesMultipleAccountNumbersGivenPatientmovingFromFaiToOsgPerOneEpisodeOfCare

TestAppointmentsForInpatientScenarios

ExpectedPatientsShowingAnUnknownPatientWithAnAppointmentDefinedOutsideEOC
ExpectedPatientsShowingAPatientWithAnAppointment
ExpectedPatientsShowingAPatientWithMultipleConnectedAppointments
ExpectedPatientsShowingAPatientThatHasJustRegisteredForAnEpisodeOfCare
ExpectedPatientsNotShowingAPatientThatHasMovedTodaysAppoinment

TestTherapeuticRelationsForInpatientScenarios

ShowUserBestProfilesForAnEpisodeOfCare
ShowUserRightsForDifferentEncountersOfAnEpisodeOfCare

Have a look: <http://bitbucket.eoc.ch/users/eoc21773/repos/traiettoria/>

A photograph of a dirt road winding through a vineyard at sunset. The road is wet and reflects the orange and pink light of the sky. The vineyard rows are visible on both sides of the road, with wooden posts and wires supporting the vines. The sky is filled with soft, wispy clouds in shades of orange, pink, and purple.

Some things scratch the surface
while others strike at your soul.

Gianna Perada

What's next?



Coming together is beginning, keeping together is progress, and working together is success.

Henry Ford

DON'T
BREAK
WHAT
WORKS



Follow
One
Course
Until
Successful



*Thank
you!*



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