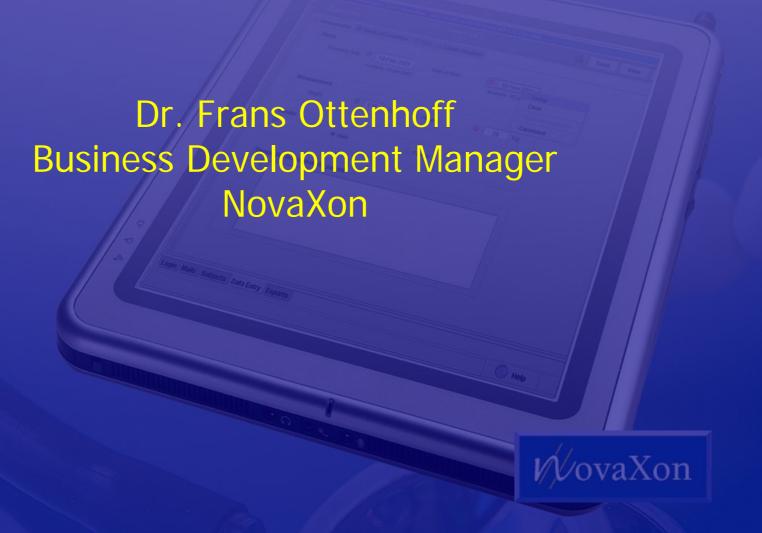
Tablet-PCs for clinical studies



overview

- introduction NovaXon
- brief introduction XClin
- tablet PC's for clinical studies
- real life example



NovaXon development of clinical software

- XClin software for clinical studies
 - different users same data different rights
 - paper forms / → e Case Record Forms (eCRF)
 - tailor made per study
- Electronic Patient Record system



several users with access to CRF

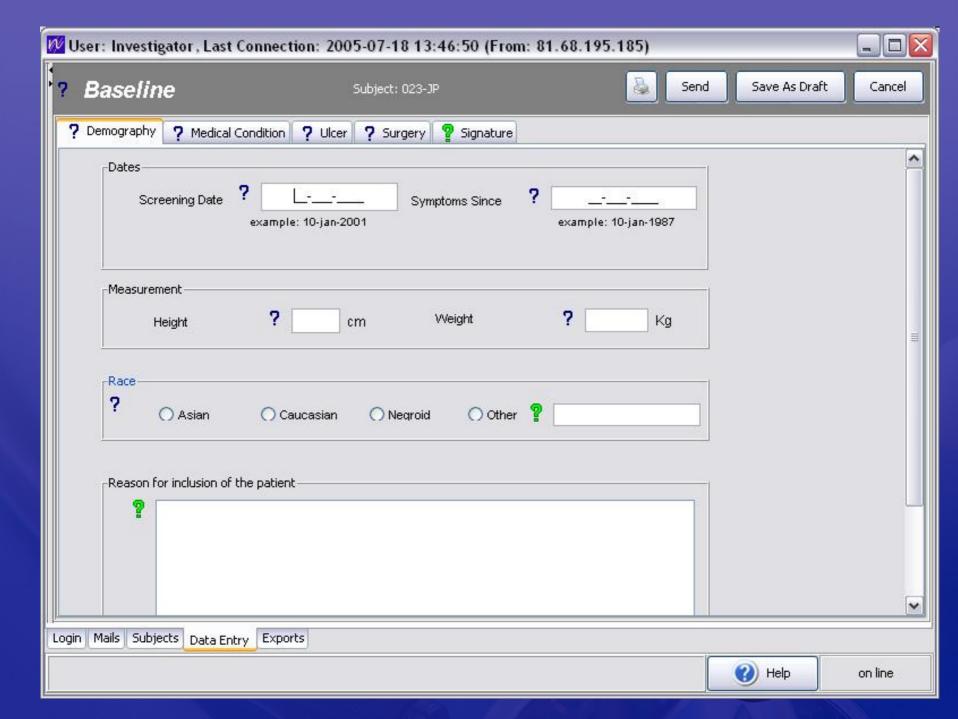


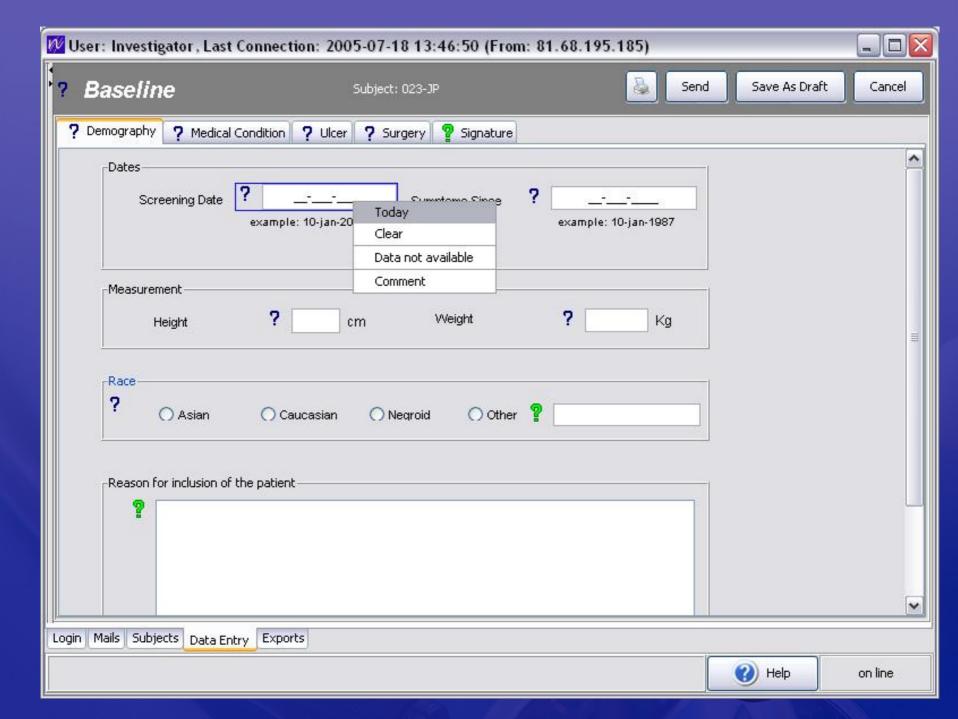
short example

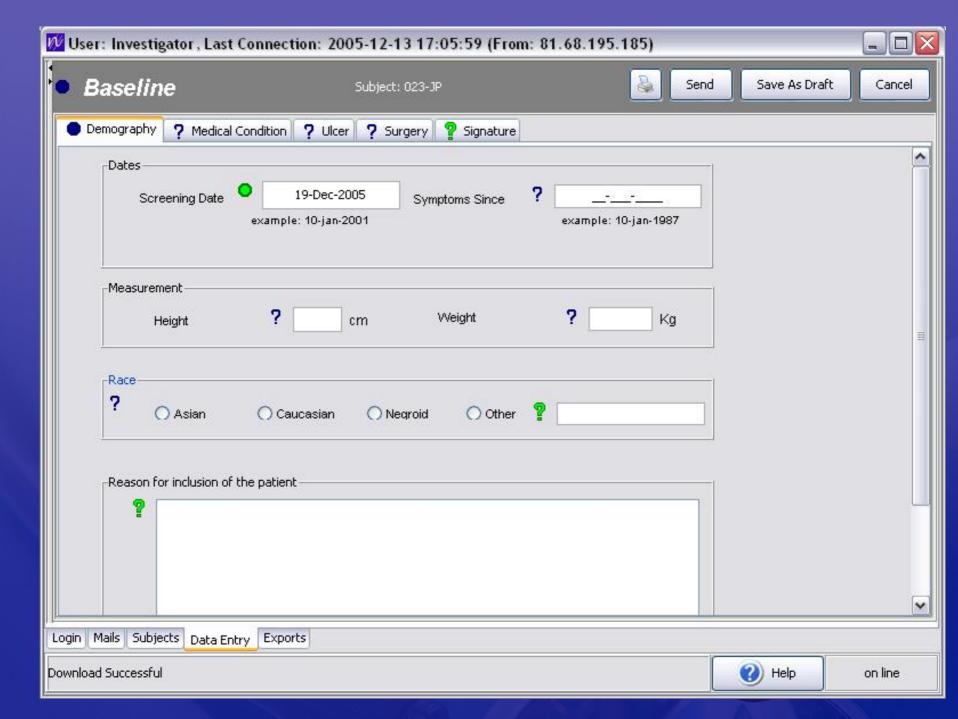


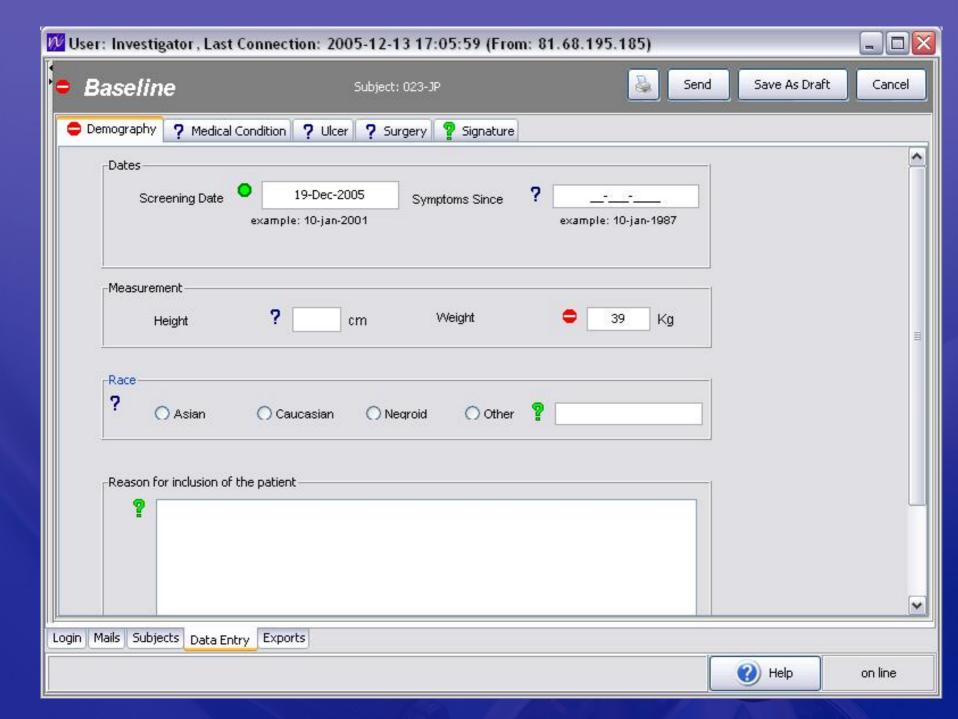
- username and password
- identify (new) patient
- fill in eCRFs

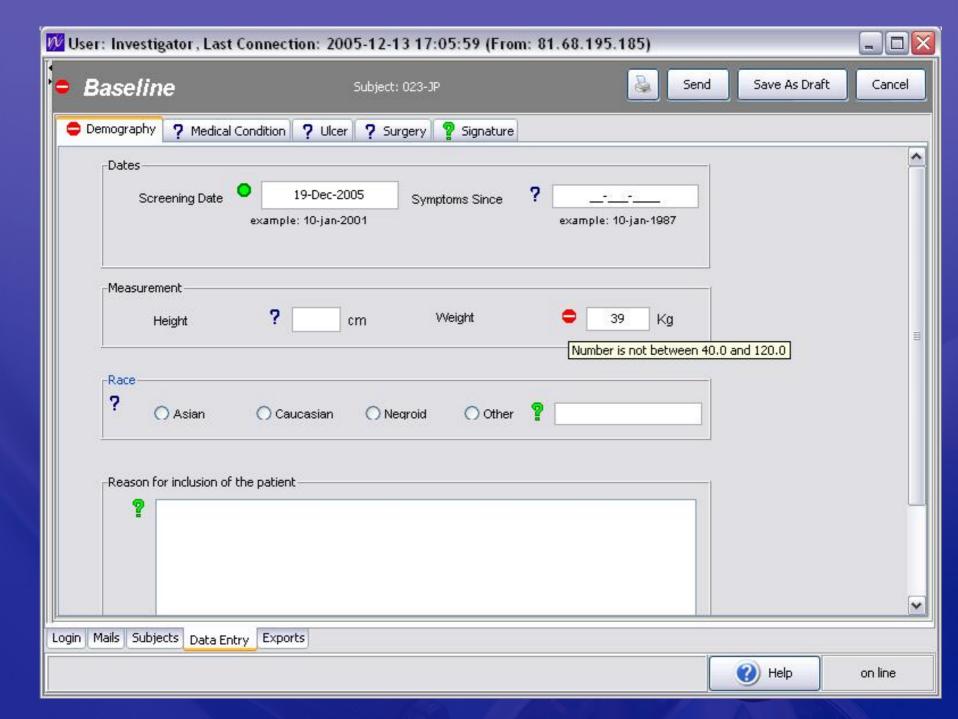


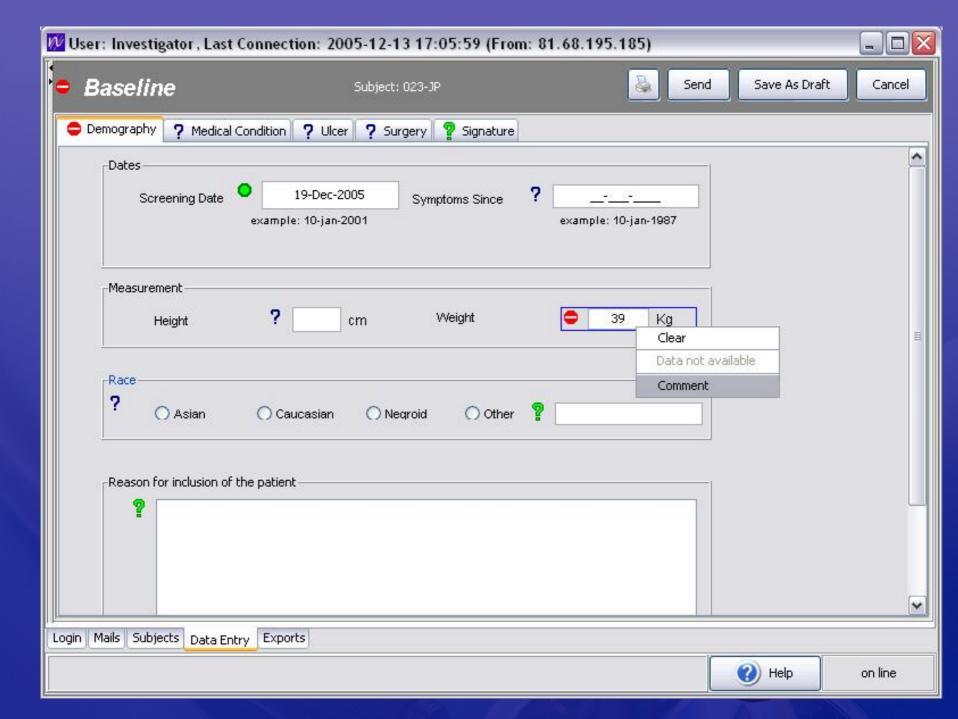


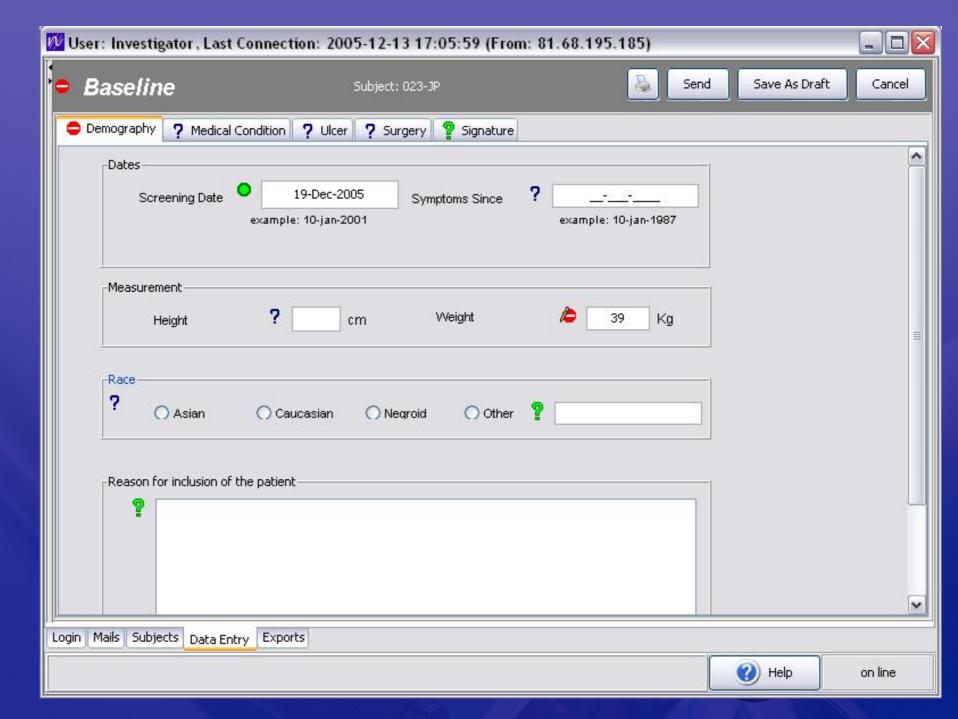






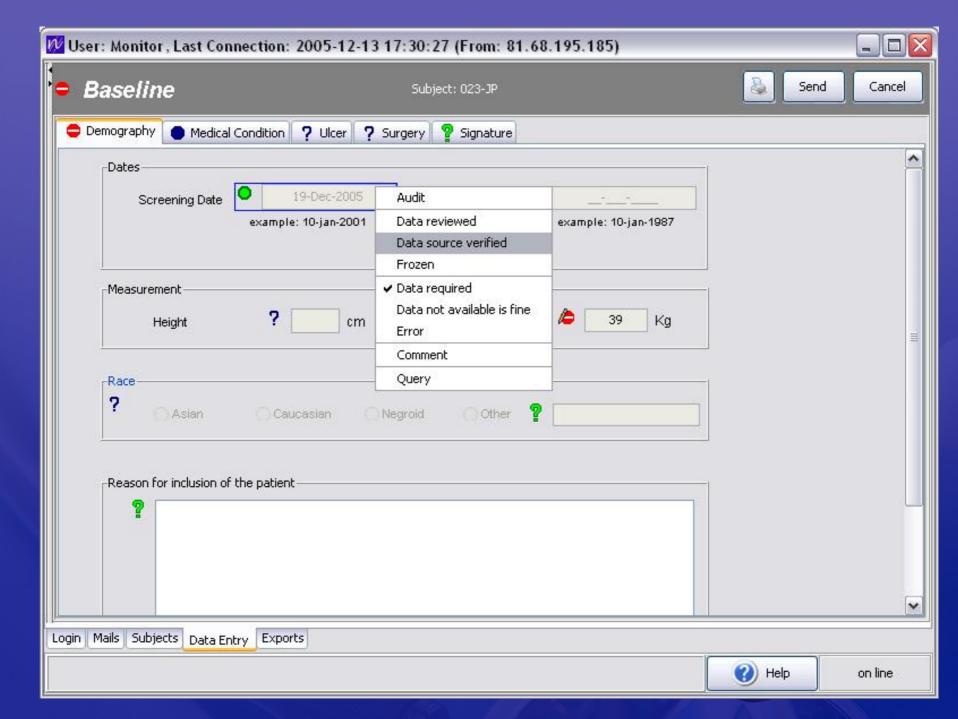


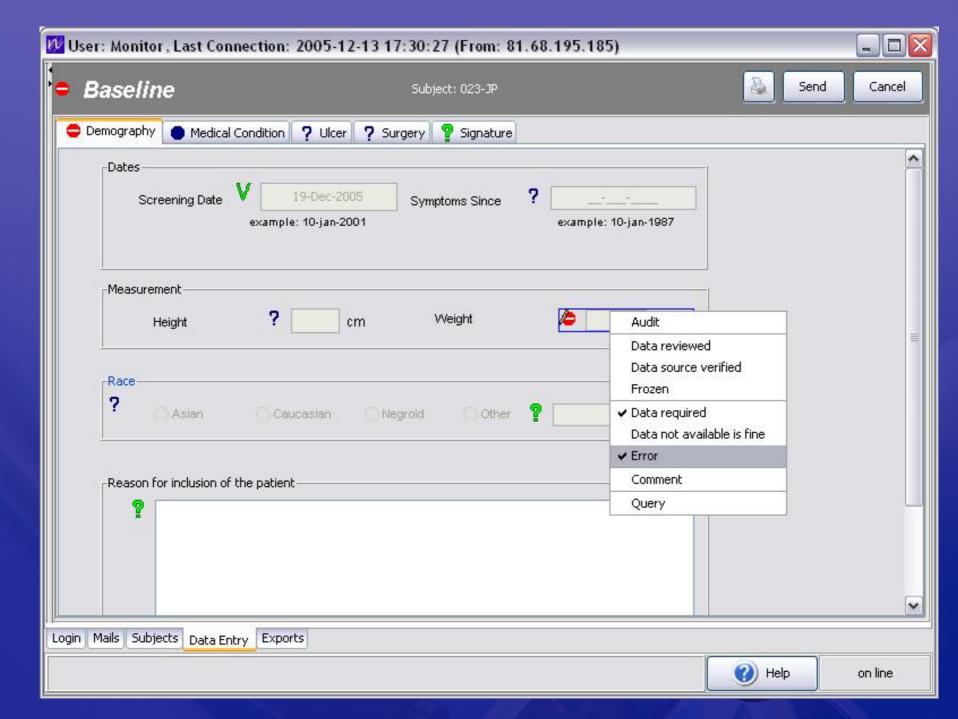


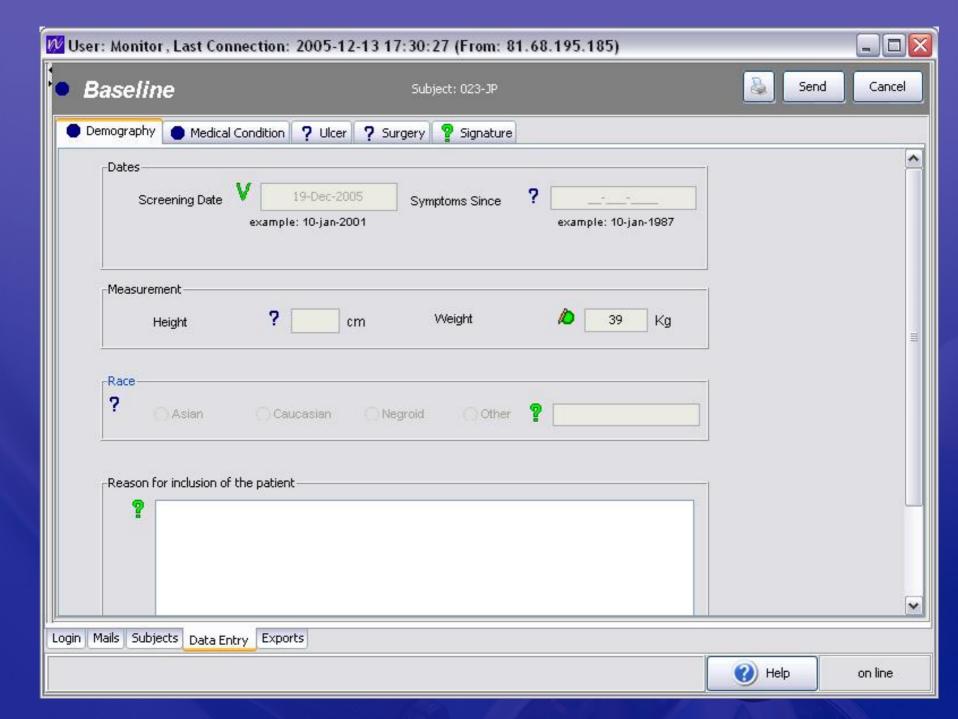


login as monitor









Electronic Data Capture

- quality of data
 - intelligent forms
- time saving
- full audit trail. Who did what when why
- automated adverse event notification
- all types of data possible
- status / progression reports



mobile computing additional advantages

- access to data, anywhere, anytime
 - data input as close as possible to source
 - patient bedside
 - surgery room
 - data review at convenient time / place
 - hotel room, airport
 - source data verification without internet access
 - online: wireless internet, UMTS
 - offline

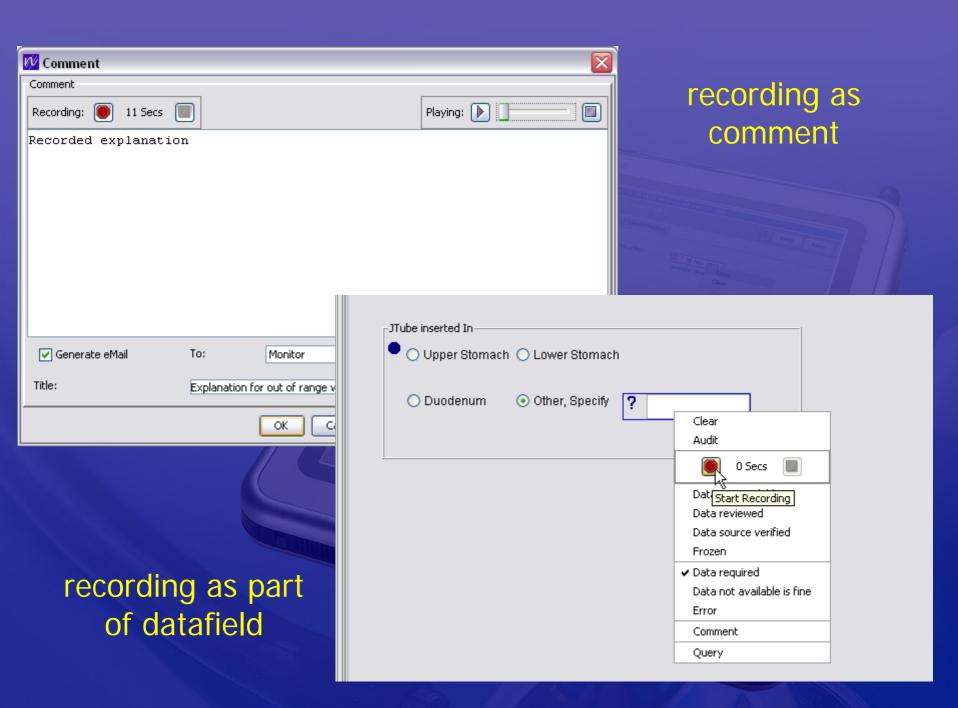
in parallel

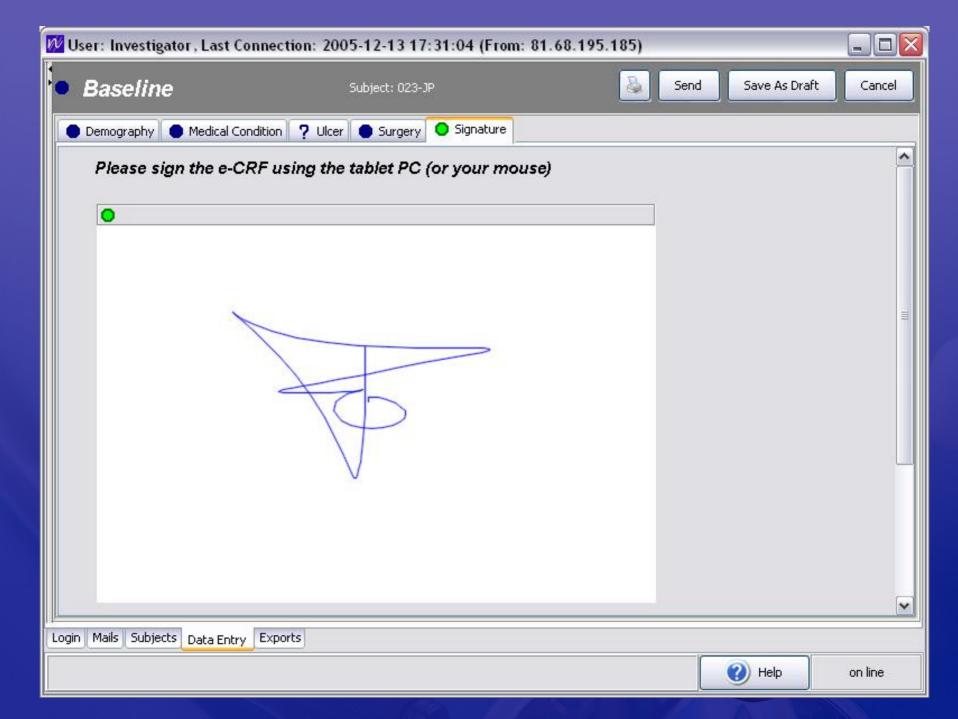


Tablet PC in clinical studies ideal for mobile computing

- clipboard look and feel
 - large screen, small weight
 - on screen writing
- interaction patient investigator
- handwriting recognition
- voice recording
- electronic signature







real life example Tablet PC in transmural care

- Academic Hospital Maastricht
- general practitioner, specialist and nurse visit patient at home
- target patient group: elderly people having problems visiting the hospital
- preventive health care



real life example old situation

- collect relevant data from paper records and hospital system (status and medication)
- visit patient
- update information
- letters to specialist and GP





Meanwhile... old situation

- GP visits patient
- write letter to specialist
- Specialist sees patient
- write letter to GP
- update information







real life example Tablet PC in transmural care

- central database
- digital form: traditional look
- home visits using tablet PCs
 - all patient data available
 - all patient data editable
- automated reports
- cardiology
- geriatric care
- ♦ HIV/AIDS







