






# Figures


Mekhos Health – CLS


# Figure 1


Mekhos Health








 Dashboard


 Upload


 CRFs


 Medication Tracking


 Demographics


 Medical History


 Physical Examination

 Patient View

 Rest of e-Source

 Patient Lookup

 Queries

 Messages

## Upload Records

Patient Records

**Name**

Enter text

Enter patient ID here.

**Visit Number**

Enter text

**Site Name**

Enter text

Enter the site name.

**Record Type**

Enter text

Enter where the record originated from i.e. inpatient.

**File input**

Choose File

No file chosen

**Visit Notes**

# Figure 1

Dashboard

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Submit Button

Reset Button

localhost:9009/#/dashboard/queries

## Figure 2

The screenshot displays the Mekhos Health web application interface. On the left is a sidebar menu with options: Dashboard, Upload, CRFs (expanded to show Medication Tracking, Demographics, Medical History, and Physical Examination), Patient View, Rest of e-Source, Patient Lookup, Queries, and Messages. The main content area is titled 'Patient Information' and contains a 'Patient Specific' section. This section has a label 'Enter patient ID and event number' above a text input field containing '100-01'. Below the input field is a blue 'Submit Button'. The top of the page features the 'Mekhos Health' logo, a search bar, and navigation icons for email, menu, notifications, and user profile. The bottom status bar shows 'localhost:9009'.

Mekhos Health

Search...

Dashboard

Upload

CRFs

- Medication Tracking
- Demographics
- Medical History
- Physical Examination

Patient View

Rest of e-Source

Patient Lookup

Queries

Messages

## Patient Information

### Patient Specific

Enter patient ID and event number

100-01

Submit Button

localhost:9009

Q

- localhost:9009

## Submit Button

Figure 3

Mekhos Health

Search...

Q

Dashboard

Upload

CRFs

Medication Tracking

Demographics

Medical History

Physical Examination

Patient View

Rest of e-Source

Patient Lookup

Queries

Messages

HEADER: PI NAME: John Smith MD, Protocol or IRB Number: 36452, Protocol Short Title: Clinical Trial for Study X

Subject Initials: AG, Subject ID #: 123

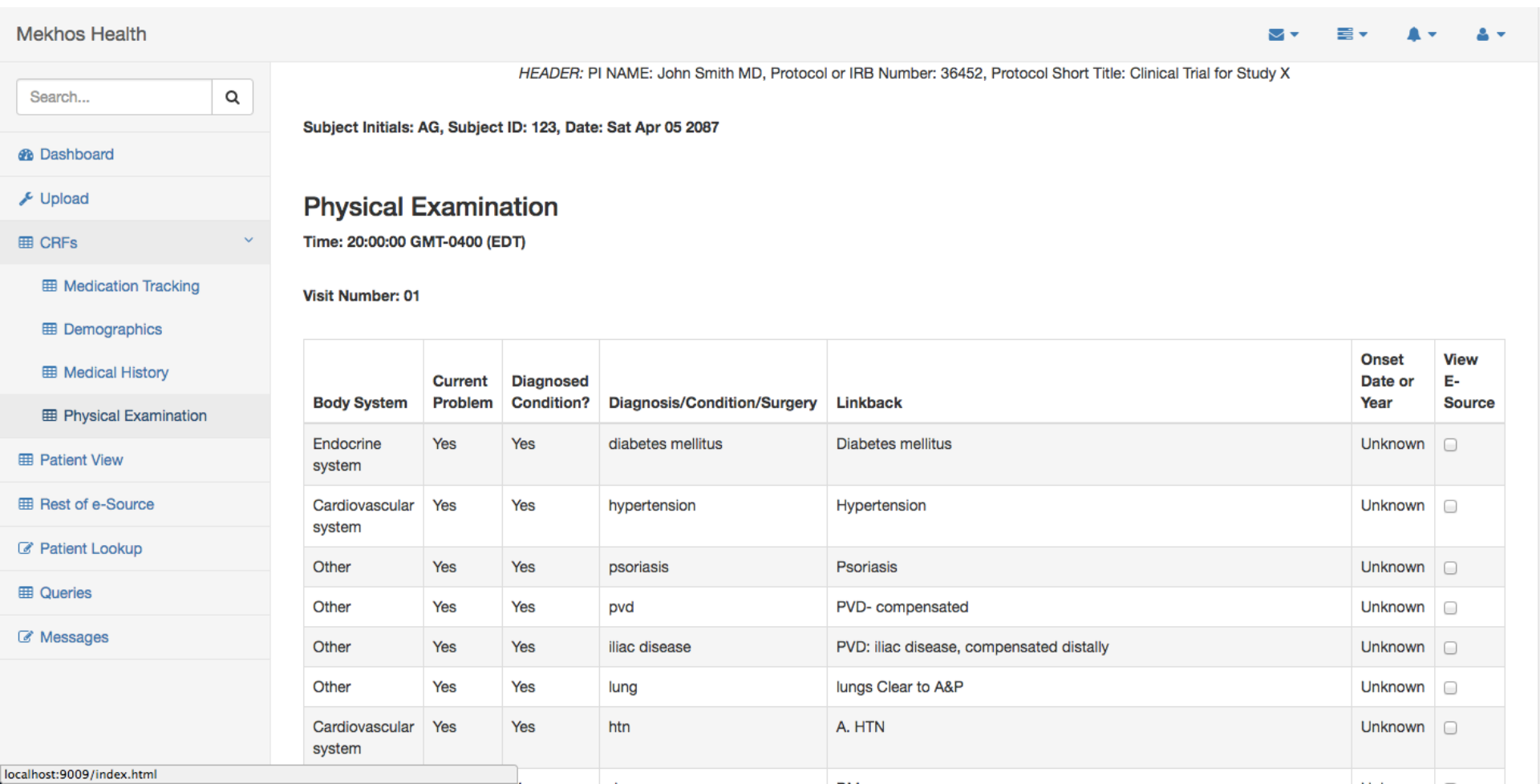
Insert question to ask participant:

Are you currently taking any medications (prescription, over the counter, vitamins, minerals, supplements), or non-drug therapy?

Concomitant Medication Log

	Baseline # Med	Continuing at end of study	Dose (per admin)	Dose Units	Dose form	End Date	Linkback	Medication/Non- drug therapy	Route of Administration	Schedule/Frequency	Start Date	View E- Source
0	Y	Y			tablet	Unknown	MEDICATIONS	medication	oral	Unknown	Sat Apr 05 2087	<input type="checkbox"/>
1	Y	Y	50	mg	tablet	Unknown	ATENOLOL 50MG 1 Tablet(s) PO QD 90 day(s)	atenolol	oral	Unknown	Sat Apr 05 2087	<input type="checkbox"/>
2	Y	Y	5	mg	tablet	Unknown	GLYBURIDE 5MG 0.5 Tablet(s) PO QD	glyburide	oral	Unknown	Sat Apr 05 2087	<input type="checkbox"/>
3	Y	Y			tablet	Unknown	cor RRR	cor	oral	Unknown	Sat Apr 05	<input type="checkbox"/>

Figure 3



## Figure 3: View E-Source (iliac disease)

### PROBLEMS

Diabetes mellitus

Hypertension

Psoriasis

Hysterectomy due to bleeding

Gastrectomy partial, PUD 2061

PVD: iliac disease, compensated distally

### MEDICATIONS

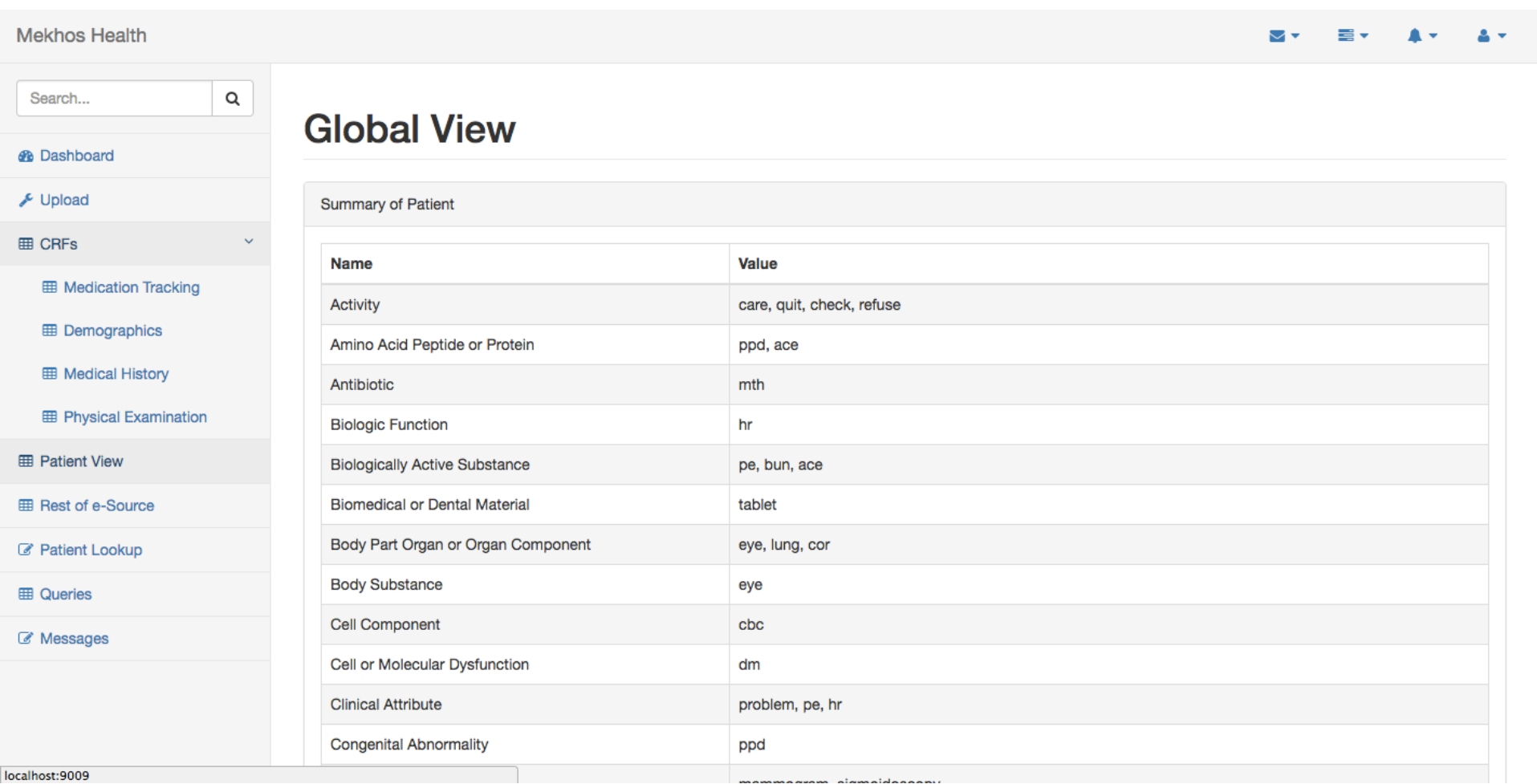
one touch test strips

ATENOLOL 50MG 1 Tablet(s) PO QD 90 day(s)

GLYBURIDE 5MG 0.5 Tablet(s) PO QD

63 yo returns for med refills after 1 1/2 yr hiatus. Has not kept up with routine care. Says her FBS are well controlled and feels well. Has continued to see Dr.Hodge annually to review PVD but has not quit smoking. Had eyes checked at SNC 3-4 mths ago-she says no diabetic changes.

Figure 4





# Figure 4

Queries	body substance	eye
Messages	Cell Component	cbc
	Cell or Molecular Dysfunction	dm
	Clinical Attribute	problem, pe, hr
	Congenital Abnormality	ppd
	Diagnostic Procedure	mammogram, sigmoidoscopy
	Disease or Syndrome	diabetes mellitus, hypertension, psoriasis, pvd, iliac disease, lung, htn, dm
	Environmental Effect of Humans	refuse
	Finding	problem, hypertension, controlled, clear, smoker
	Functional Concept	medication, po, controlled, change
	Gene or Genome	yo, med, fb, ago, ppd, pe, bp, hr, ace
	Geographic Area	po, ago, pe, bp, hr, dm
	Health Care Activity	hysterectomy, bp, sigmoidoscopy
	Idea or Concept	day, refill, routine, continue, review, quit, clear, dm, consider
	Immunologic Factor	ppd
	Indicator Reagent or Diagnostic Aid	mth, ppd
	Individual Behavior	smoking
	Inorganic Chemical	bun
	Intellectual Product	record, day, med, routine, care, fb, review, smoking, eye, mth, pe
	Laboratory Procedure	test strip, hemocult, chol, bun, cbc, ace

Figure 5

