Queensland Health

# Population Health Information and Clinical Services System.

## (PHICSS)

Queensland Government

# Background

- 2003 - existing data systems identified as unsuitable
  - Access Based
  - No state-wide risk or epi. or clinic data (no $)
  - Clinic practices labor intensive
  - Low clinical trial participation due to staffing costs
  - Multiple client records
- Commenced Business Case preparation

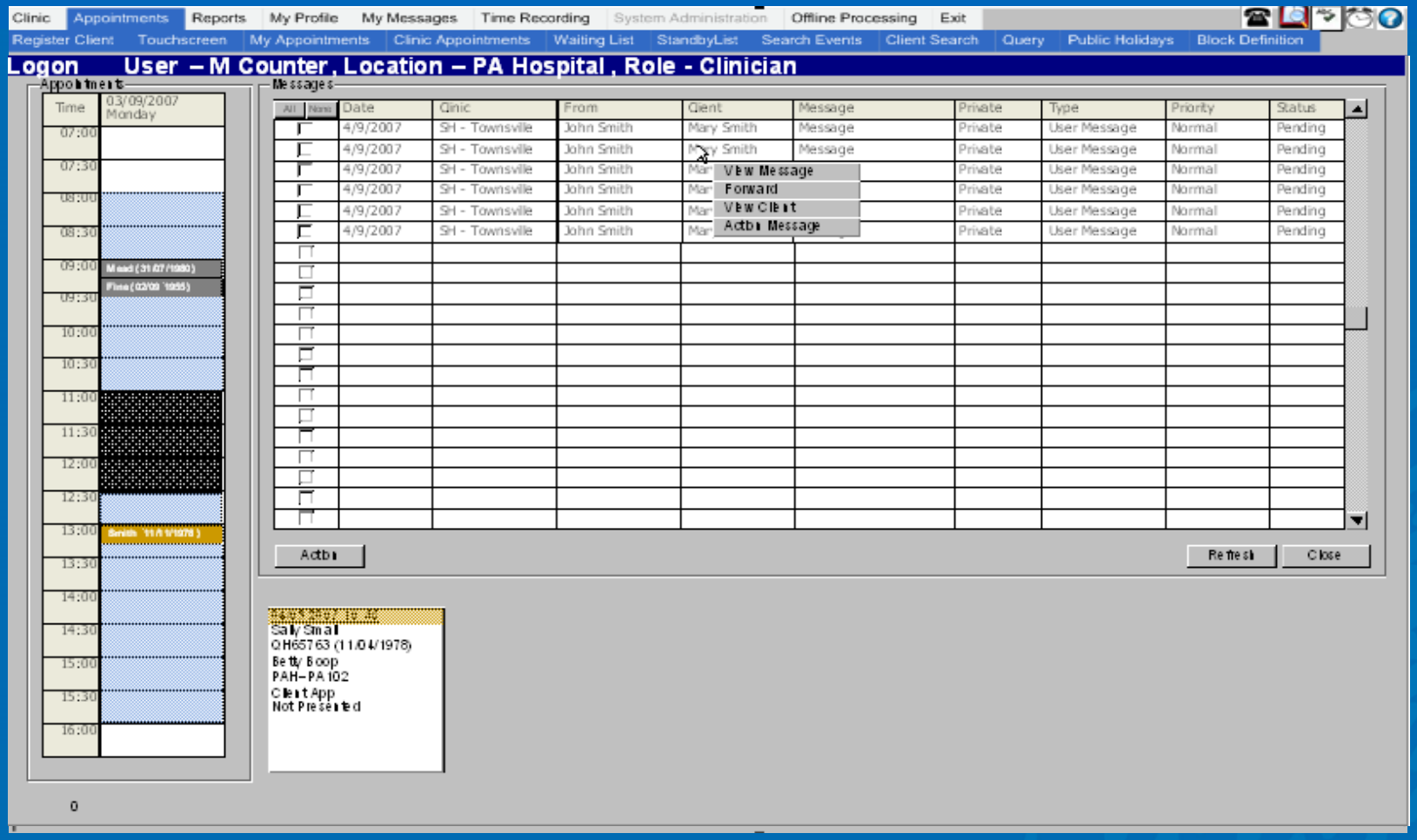
# Background (cont)

- Business Preparation
  - Standardise Business Rules
  - Create Nurse Practice / and Treatment  Guidelines
  - Create Privacy Policy
  - Finalise Data Management Guide
- ABC approved in 2008
- Detailed Design work completed
- Funds released in 2009

# PHICSS Key Features

- Single statewide EHR per client with role restricted views
- 43 Qld Sex Health, HIV, TB, FPQ and Mobile Women's Health services.
- Selected legacy records to be migrated - remainder PDF. All future paper scanned.
- Access via WAN, Internet, Wireless, briefcasing.
- Leverages other QH enterprise systems e.g. Auslab, Client Directory, Ipharmacy etc

# Opening Screen



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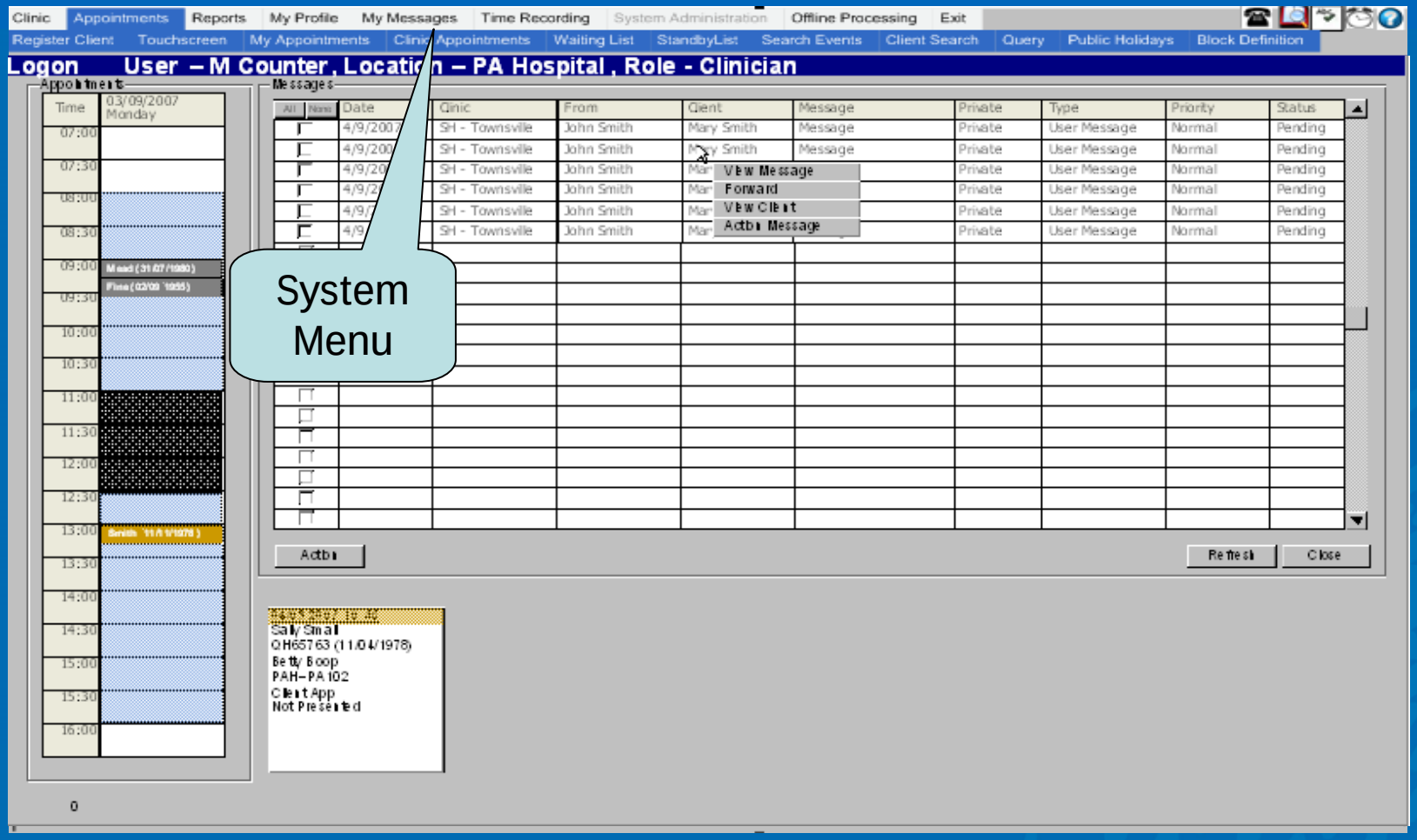

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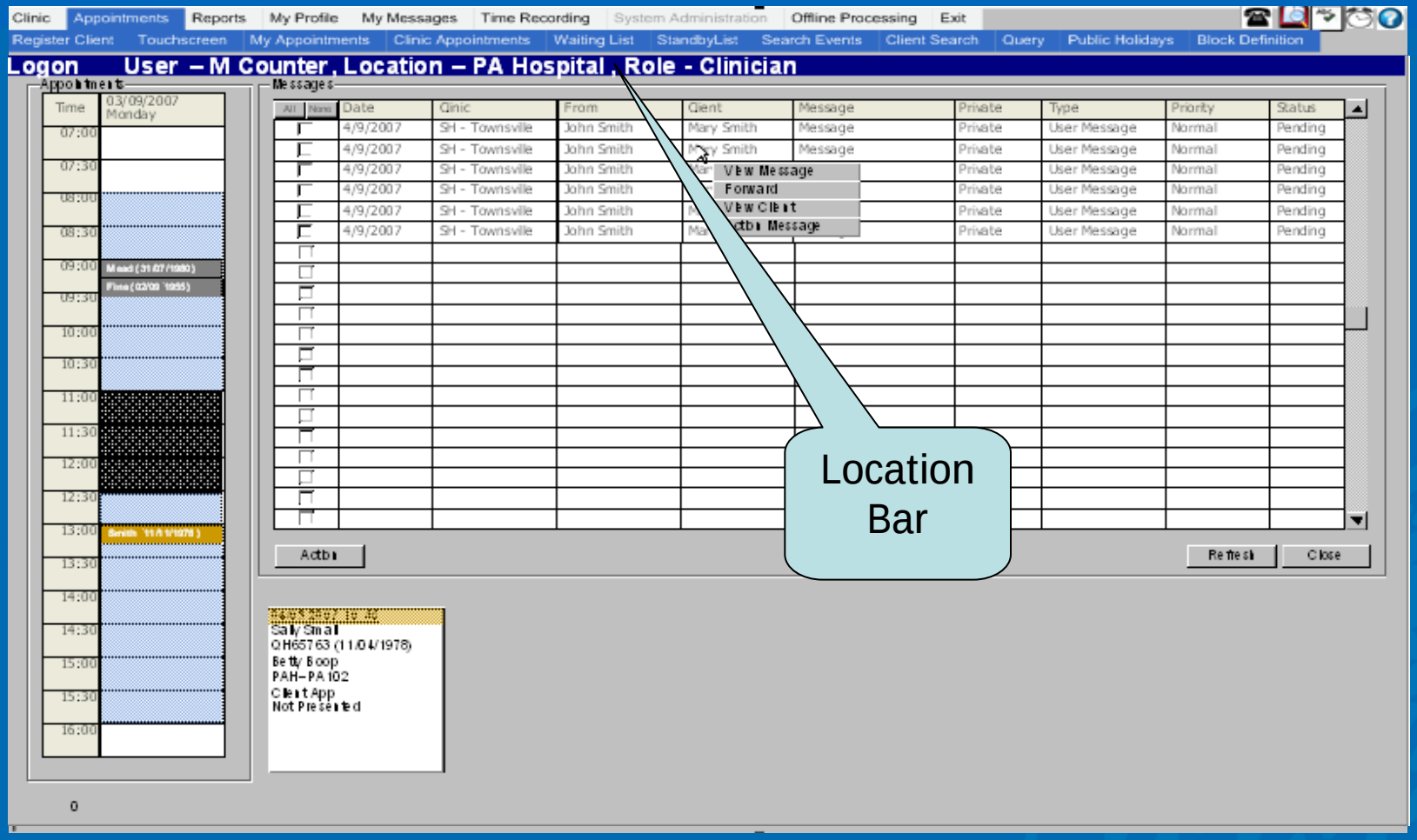

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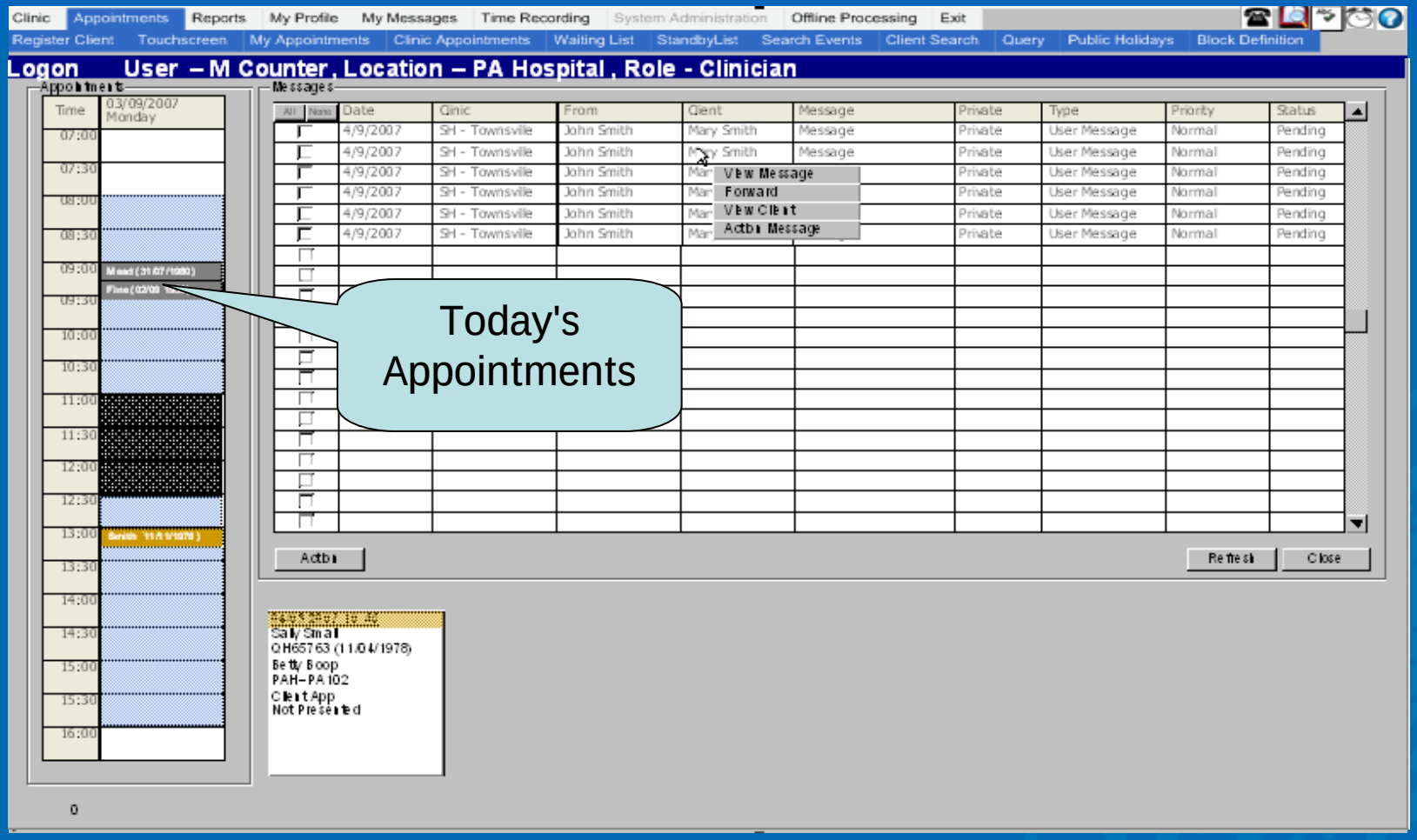
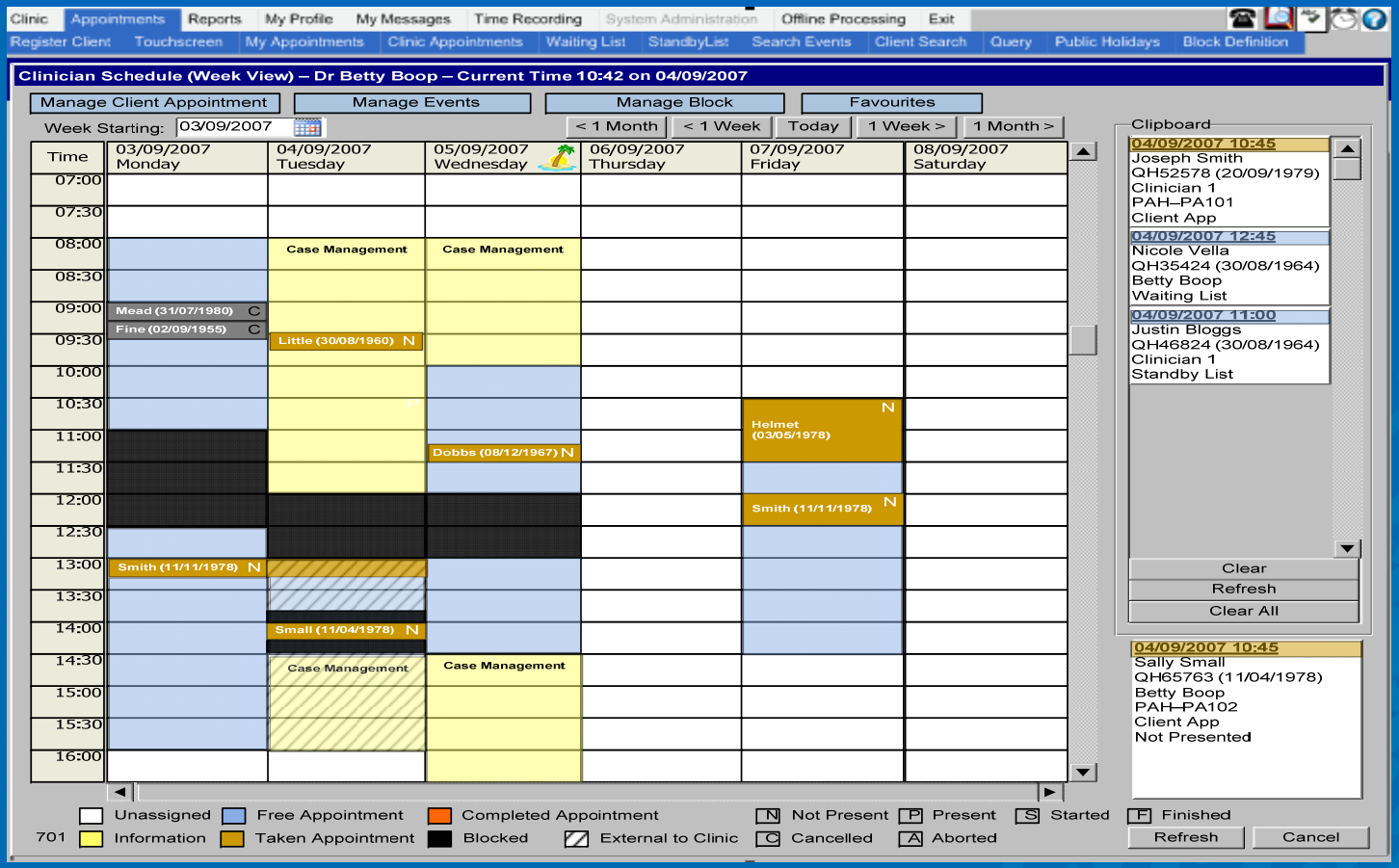
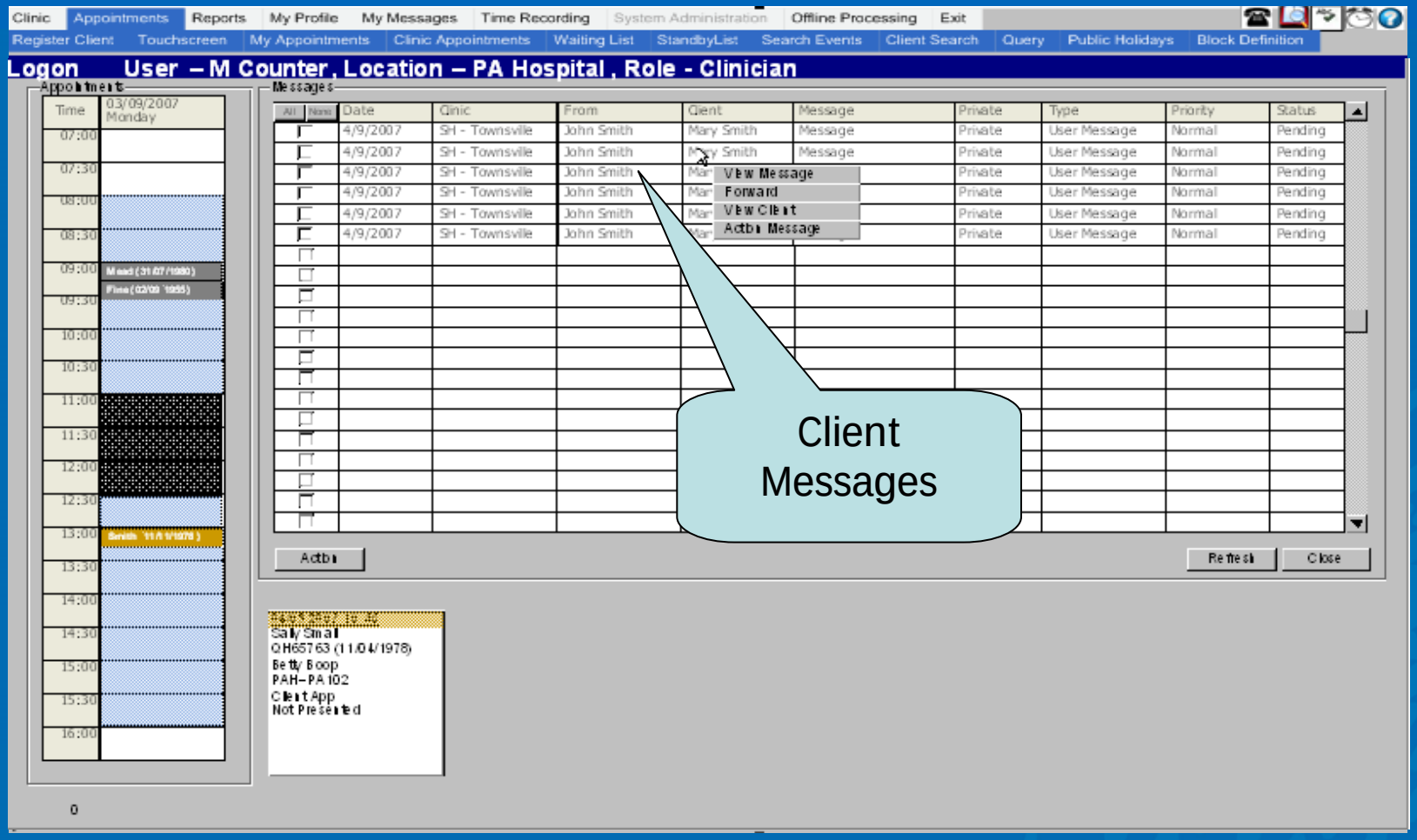


# Appointments System

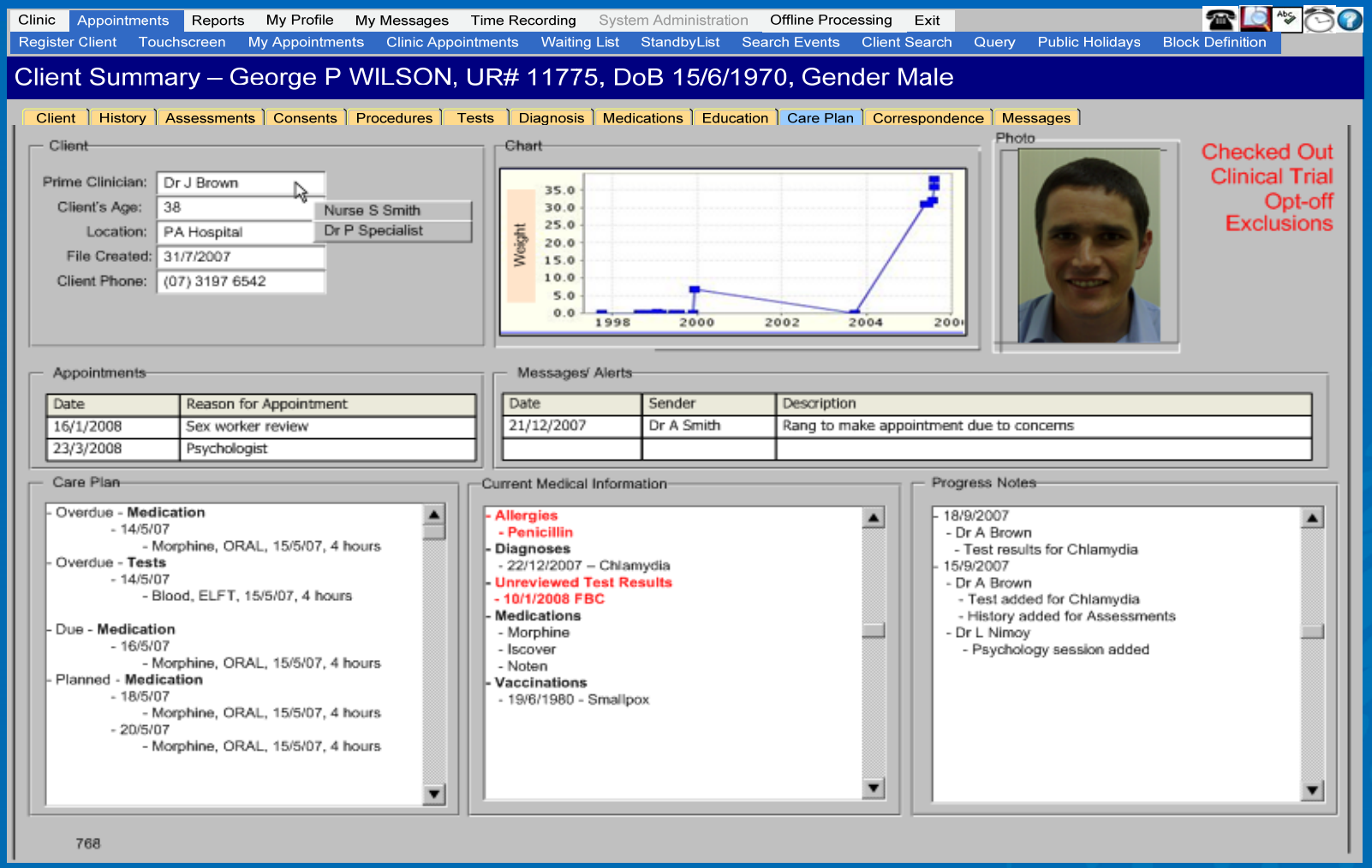
- Multiple views
- Hide columns
- Waiting and standby lists
- Drag and Drop
- User Blocks
- Real Time display



# Opening Screen



# Client Summary



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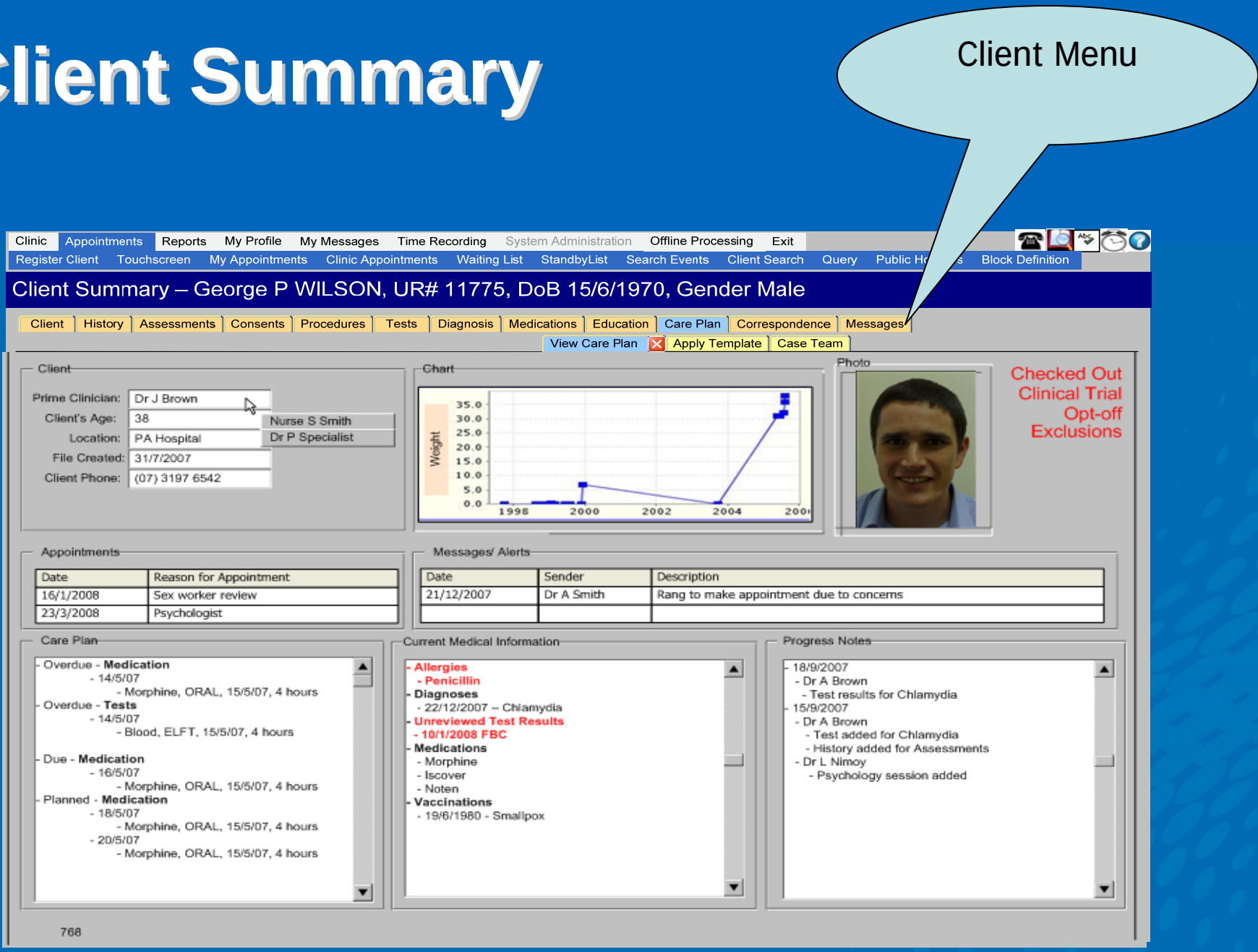

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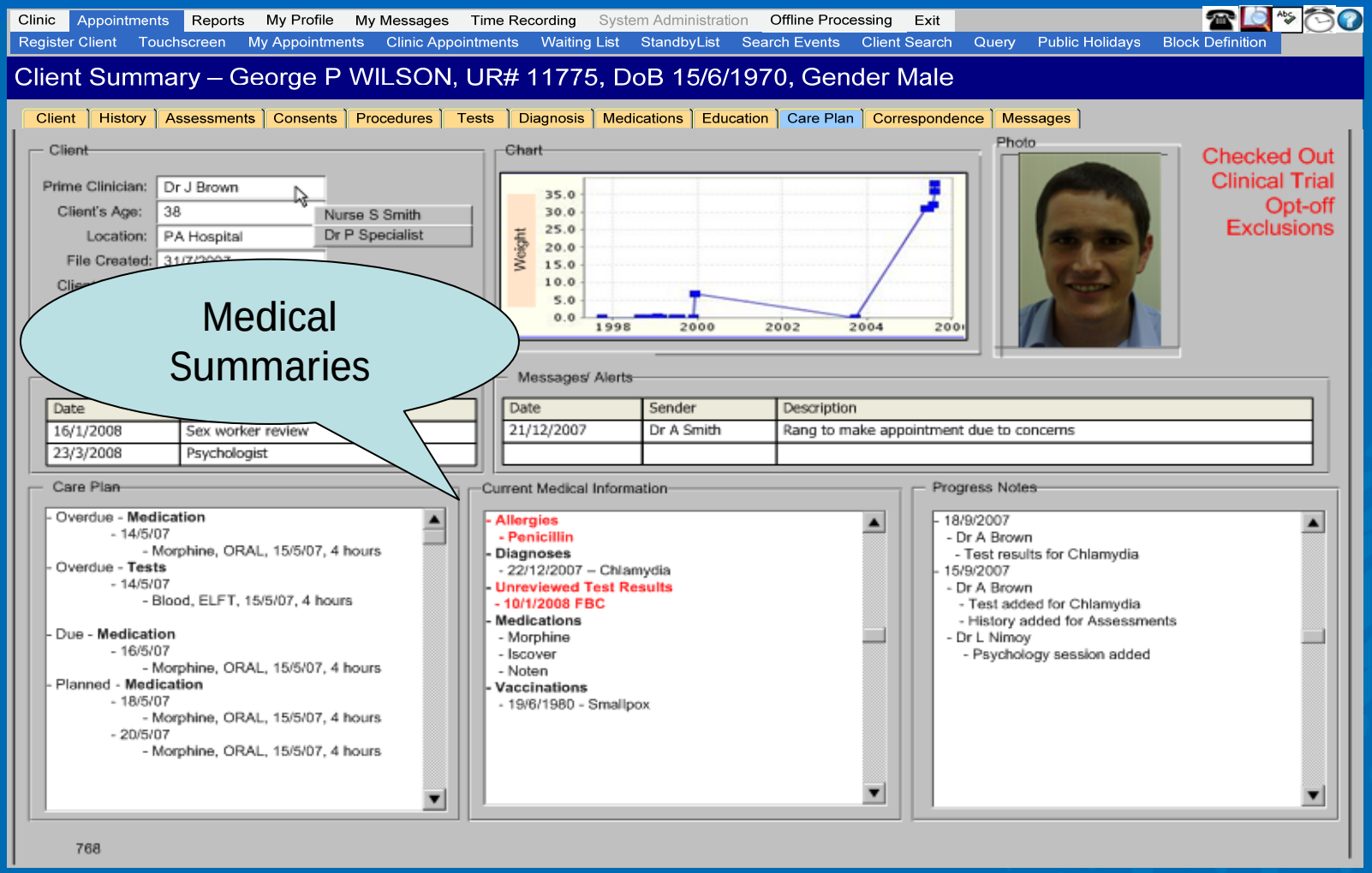
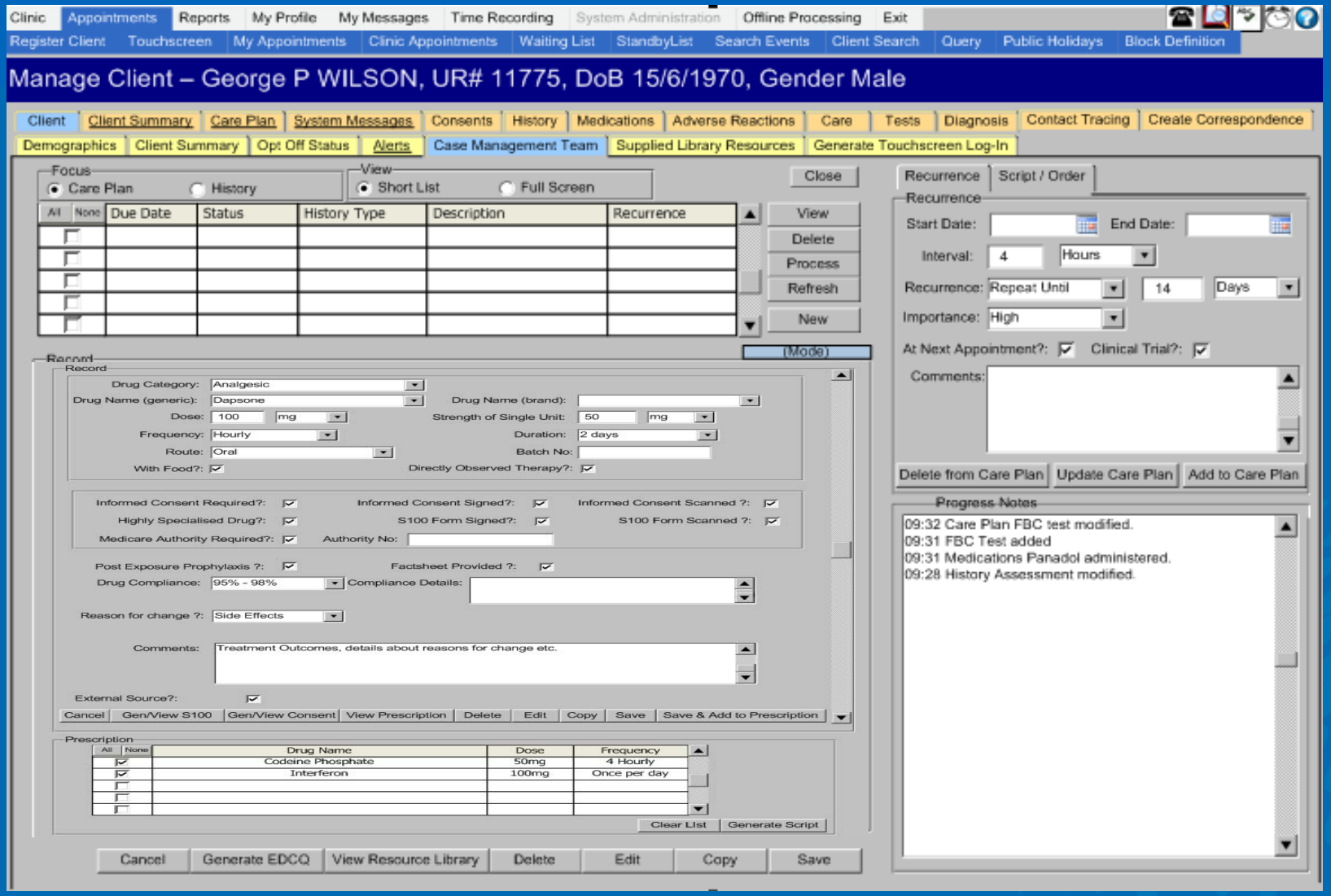


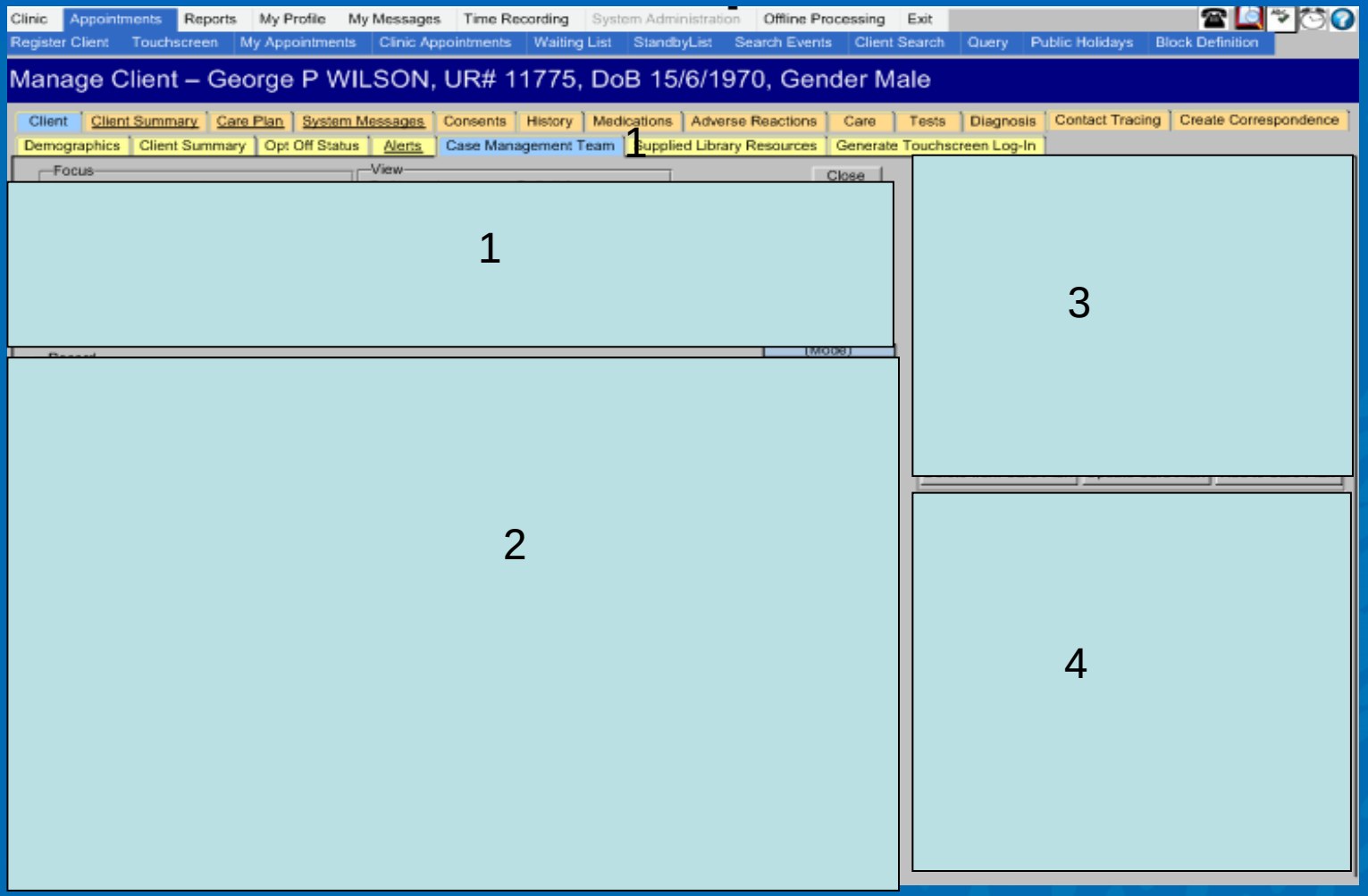
# Activity Screen



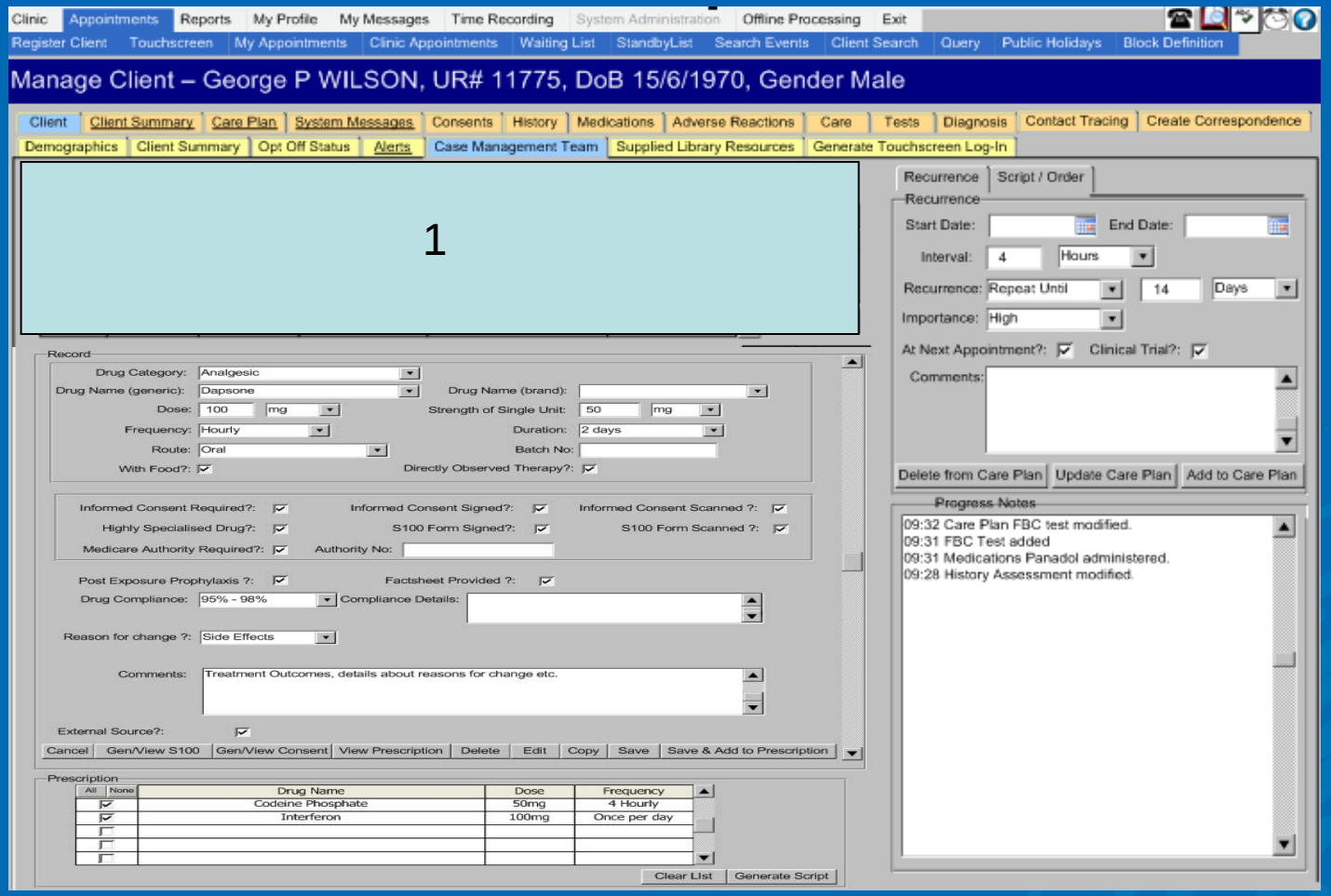
# Activity Screens

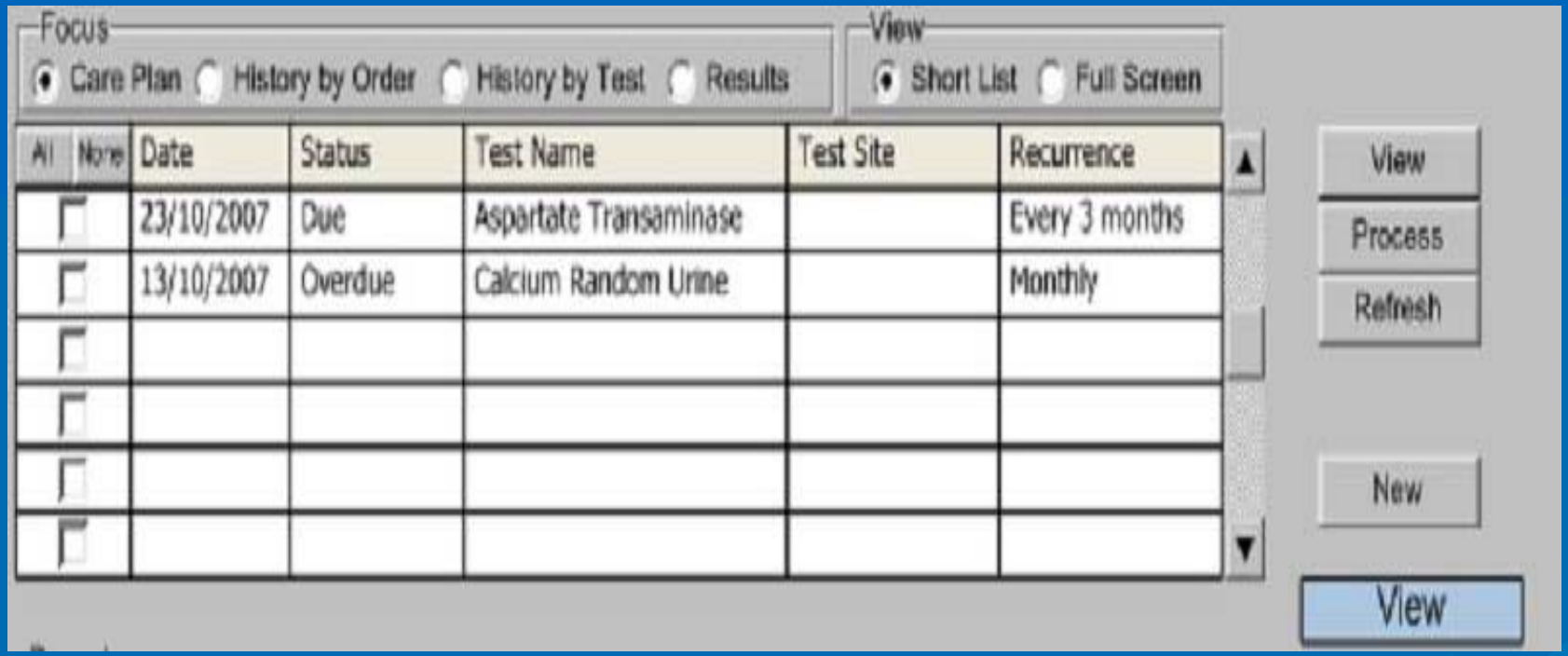
Format Standardised for all medical record data entry eg:

- Adv. Events
- Alerts
- Consents
- Diagrams/photos
- Drug Resistance
- Diagnoses
- Education
- History
- Immunisations
- Procedures
- Psychology
- Medications
- Pathology
- Radiology



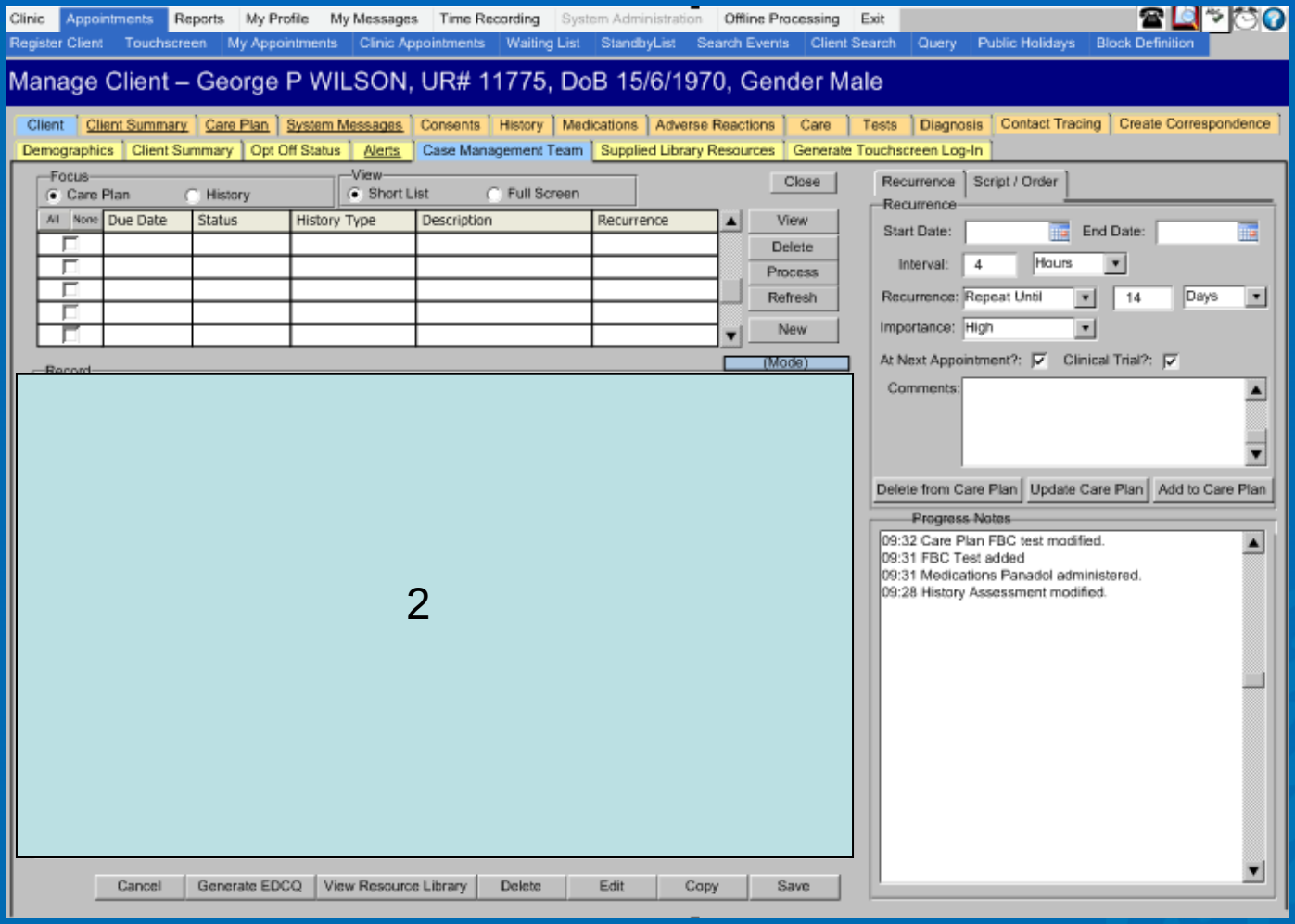
# 1. List record





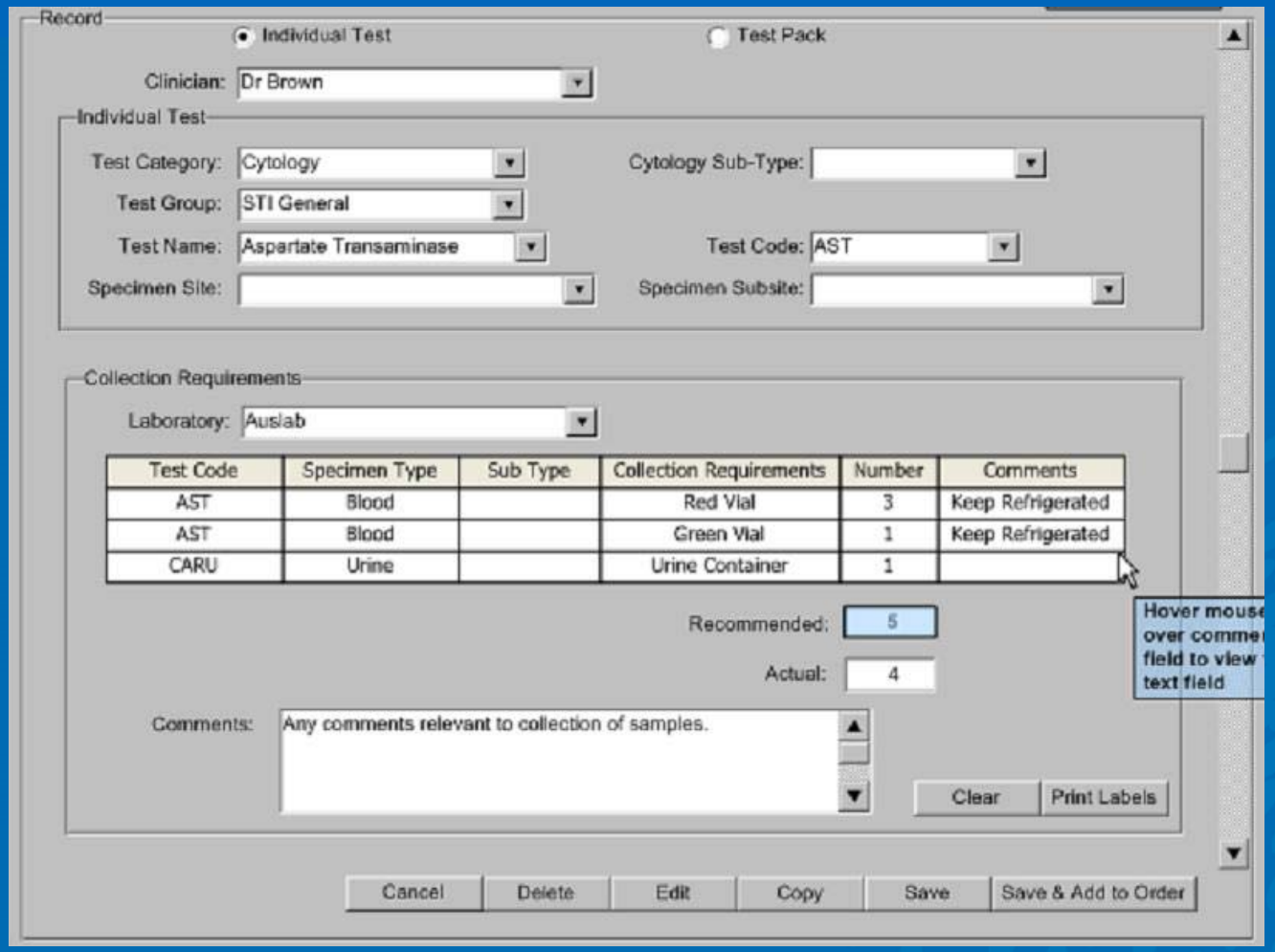

- Short or long Display
- History or Care plan Mode
- Care Plan processing

# 2. Enter/ Display Record

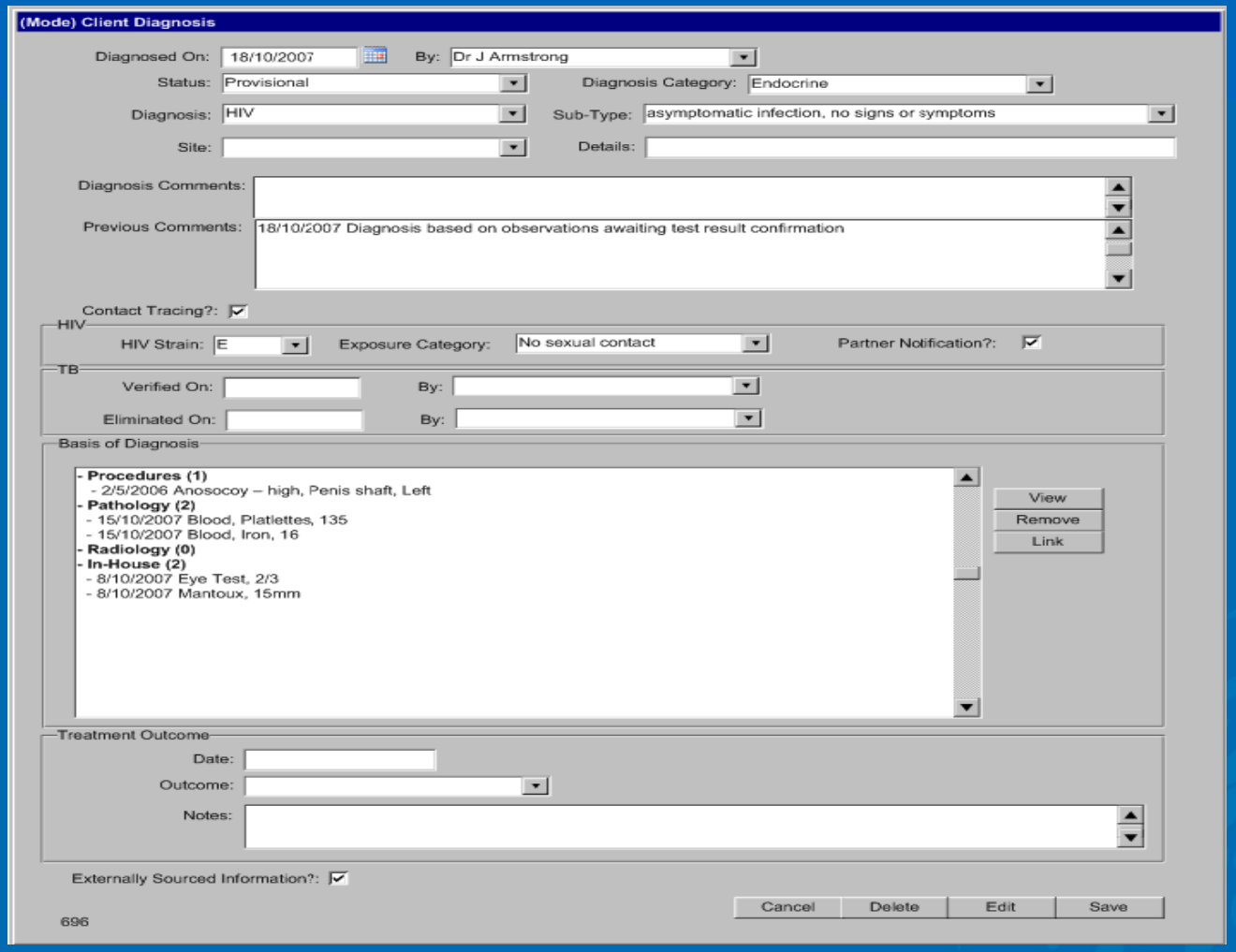


# Eg: Enter Pathology Order

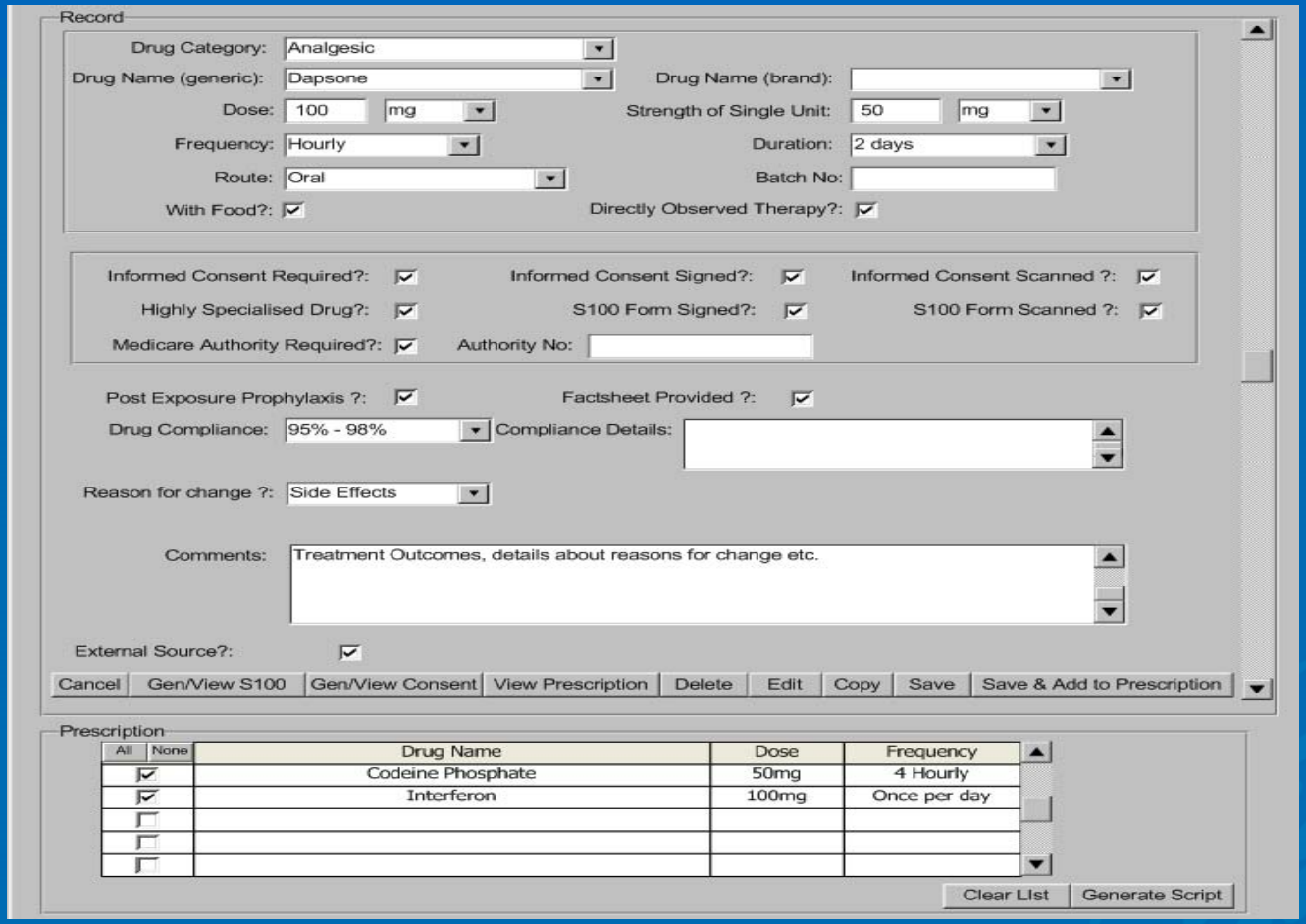
- Add a record
- Edit a record
- View a record



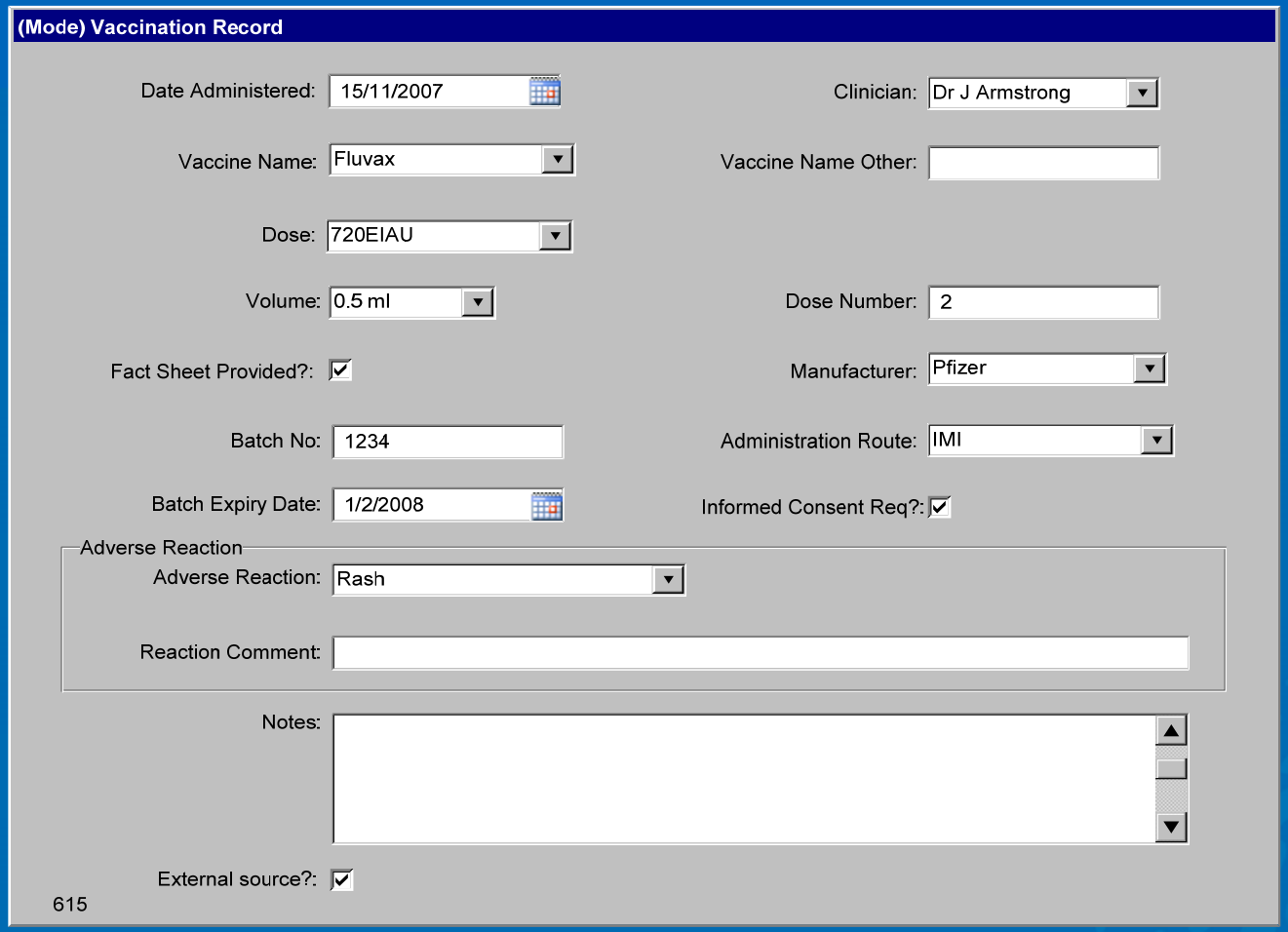
# Diagnosis record



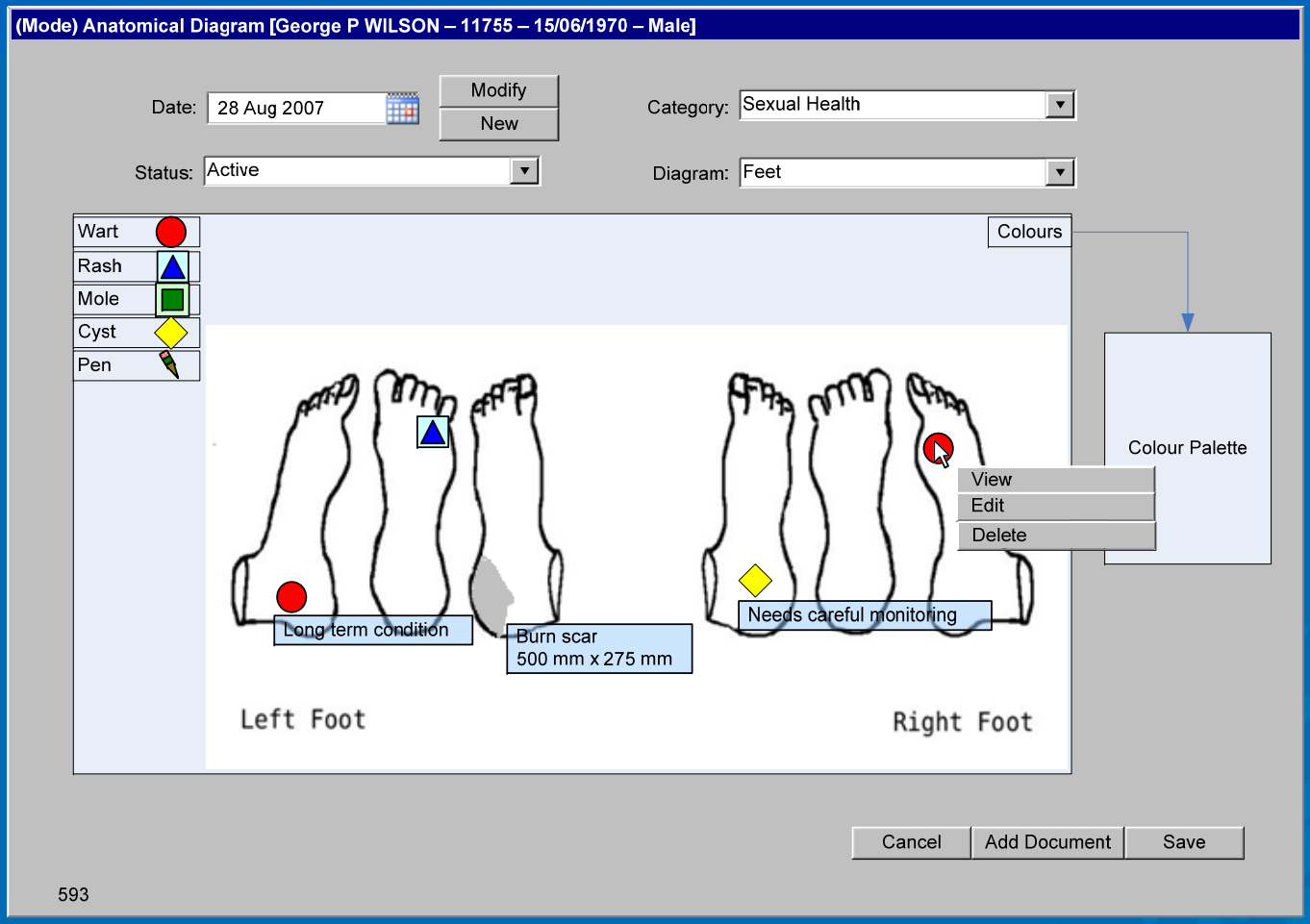
# Medication record



# Immunisation record

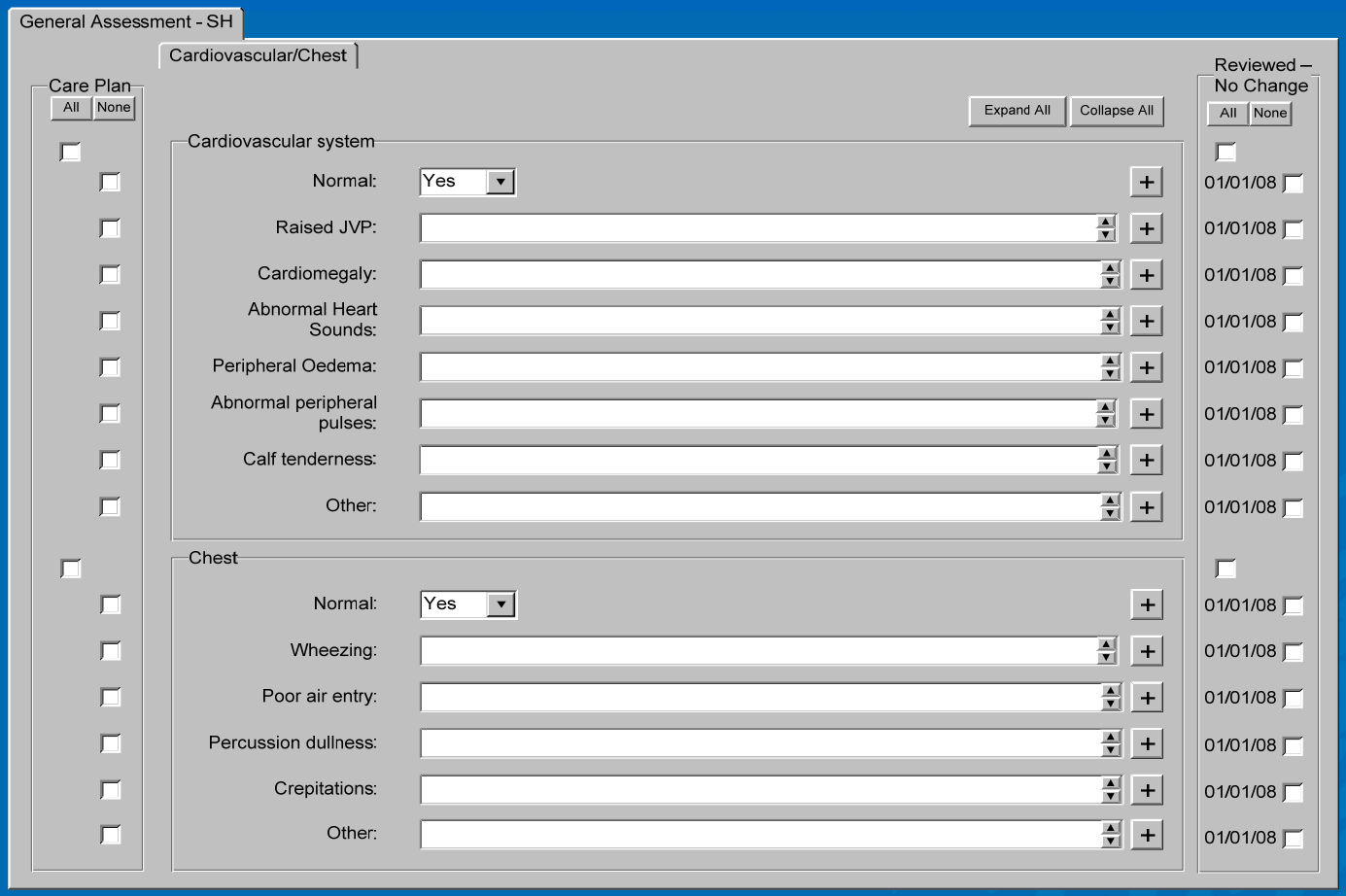


# Diagrams


(Mode) Anatomical Diagram [George P WILSON – 11755 – 15/06/1970 – Male]
Date: 28 Aug 2007
Modify
New
Category: Sexual Health
Status: Active
Diagram: Feet
Wart
Rash
Mole
Cyst
Pen
Colours
Colour Palette
View
Edit
Delete
Long term condition
Burn scar
500 mm x 275 mm
Needs careful monitoring
Left Foot
Right Foot
Cancel
Add Document
Save
593

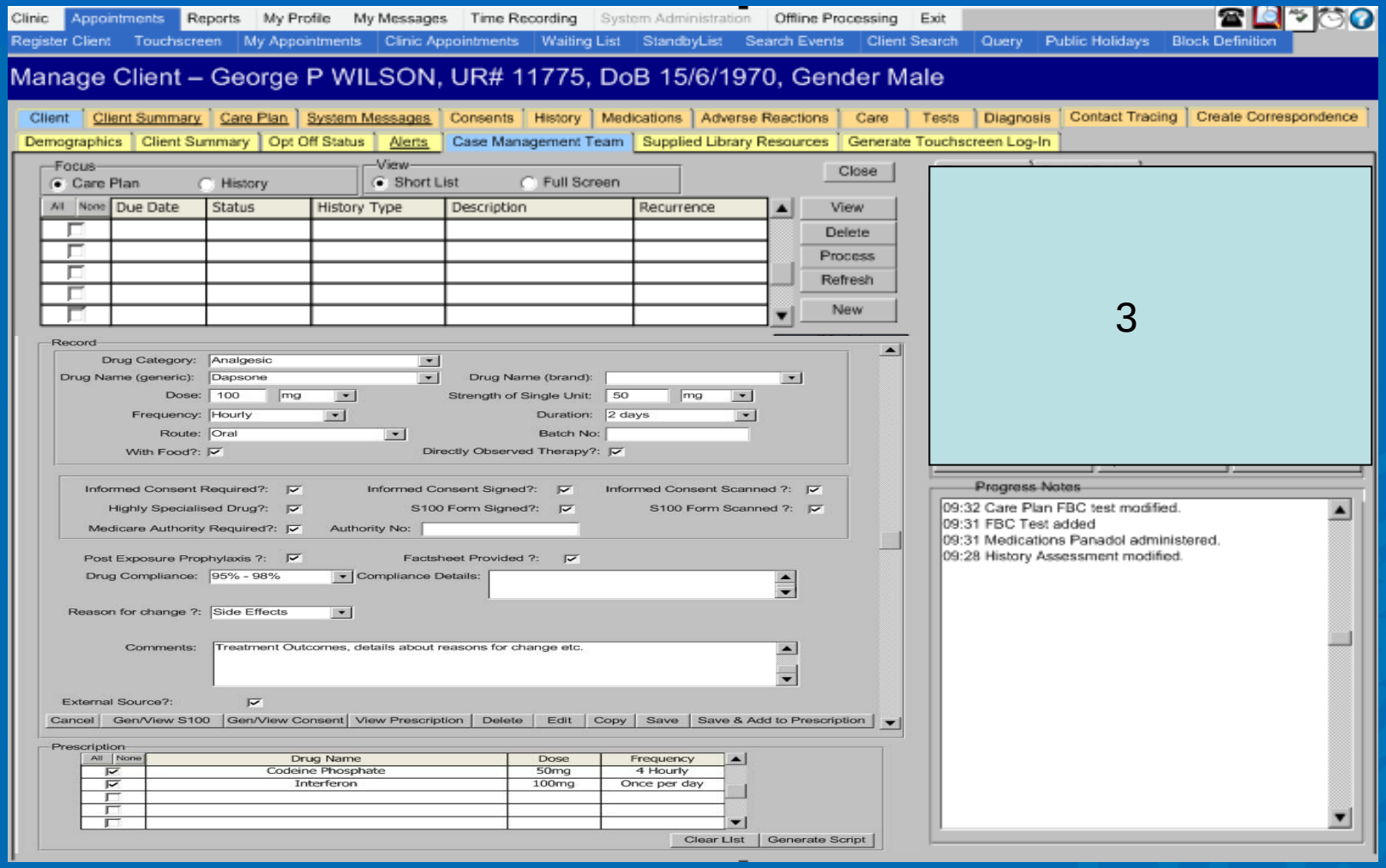
# History & Assessments

Tabbed construction



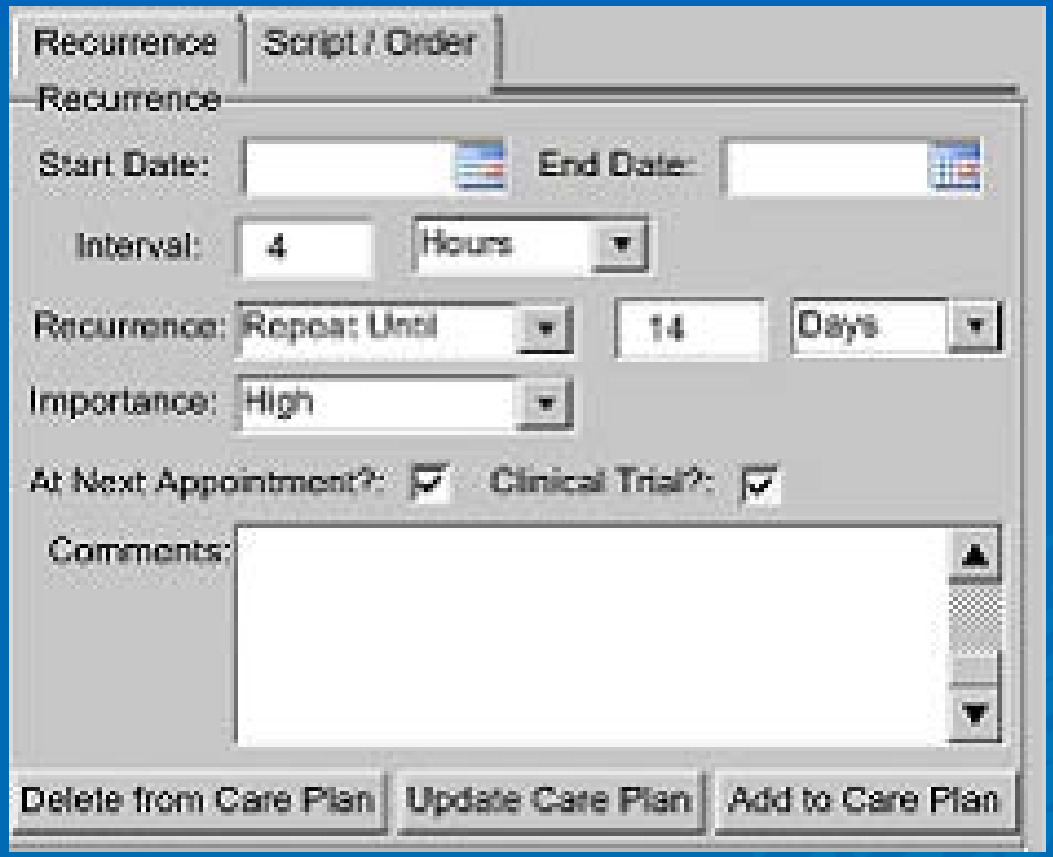
# Client Touchscreens

# 3. Care Plan/Print Screen



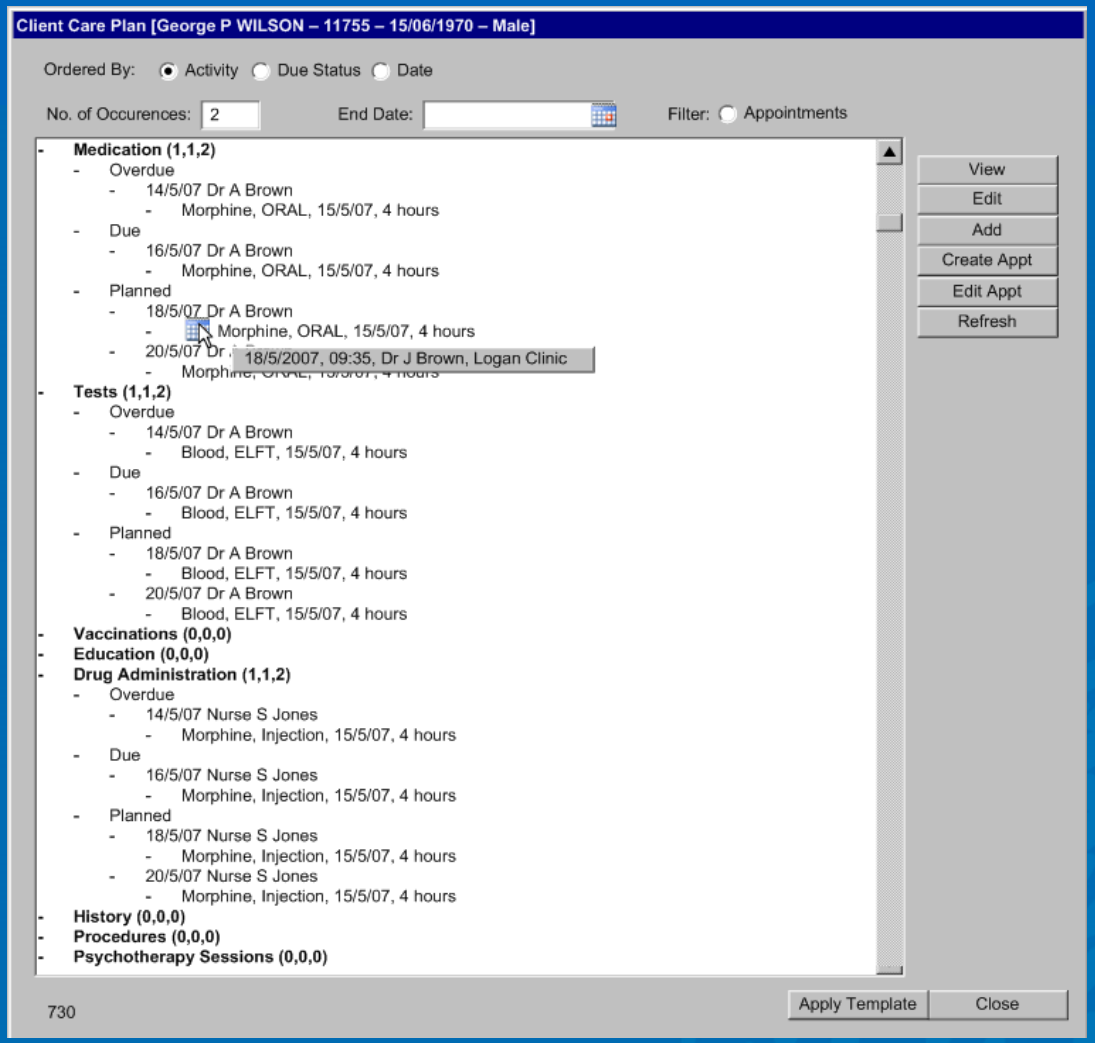
# Update Care Plan

- Minimum Key Strokes
- Schedules single future activity



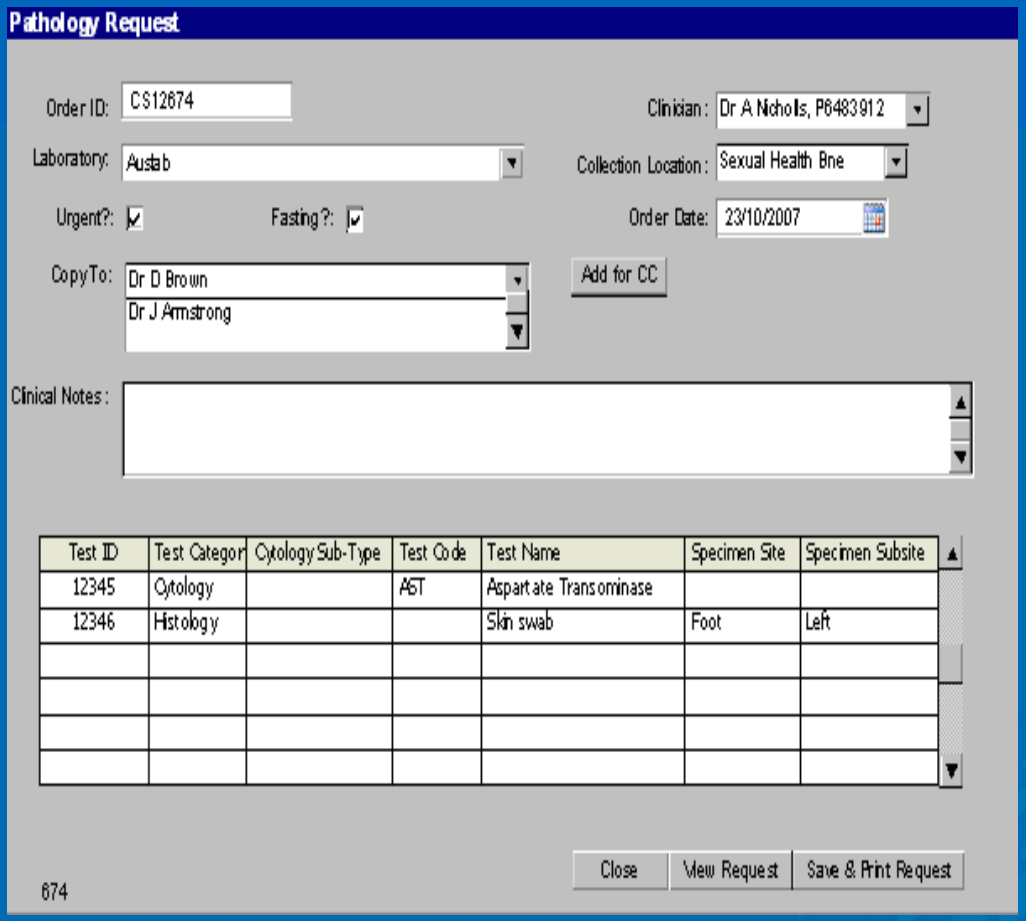
# Update Care Plan (template)

- Templates allow for standardised care packages
- Modify on individual screens.
- Drives clinic appointments – SMS, emails, letters etc.
- Correspondence Record kept.



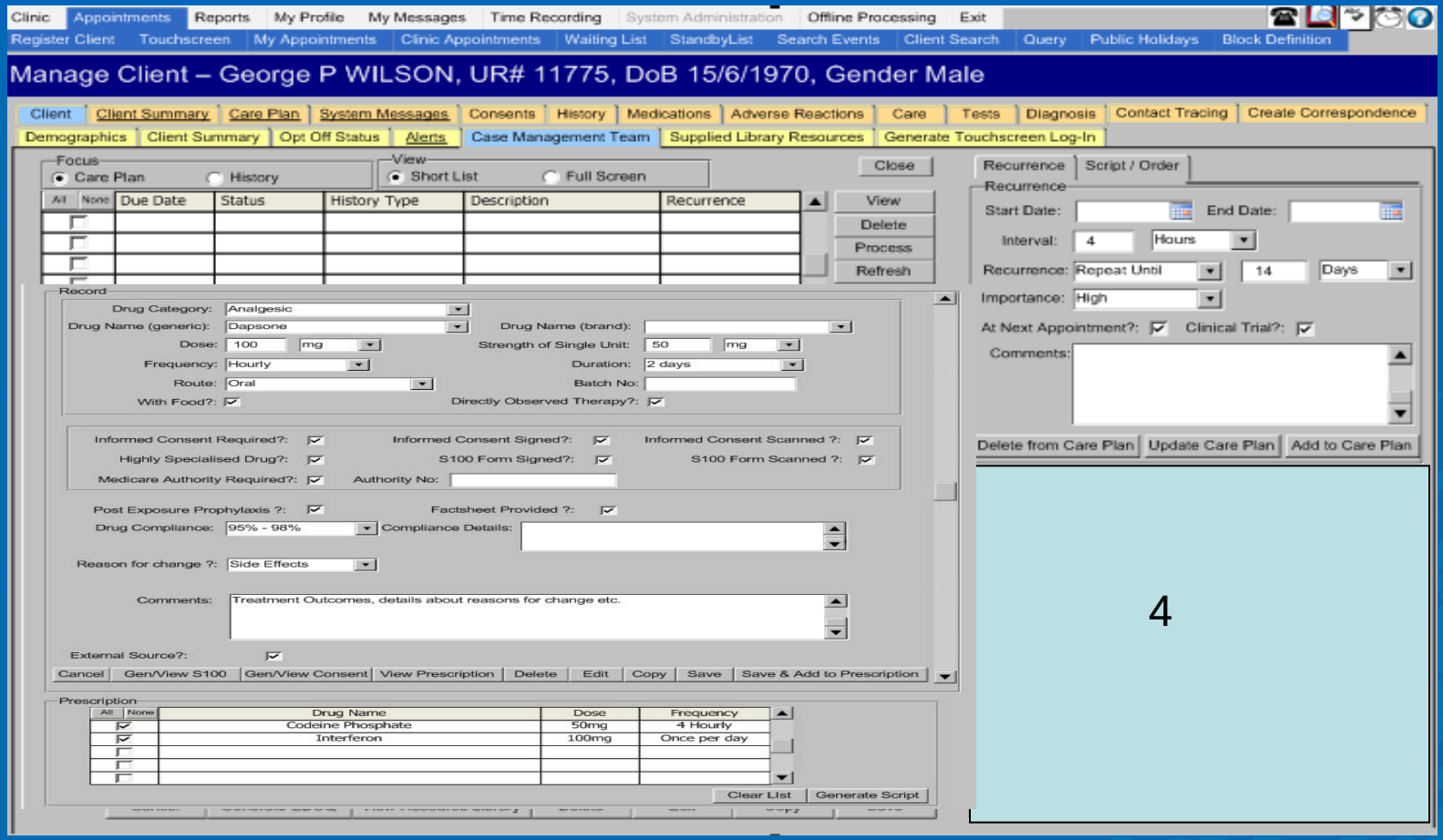
# Print

- Internal/external Forms:
  - Pathology
  - Radiology
  - Pharmacy Scripts



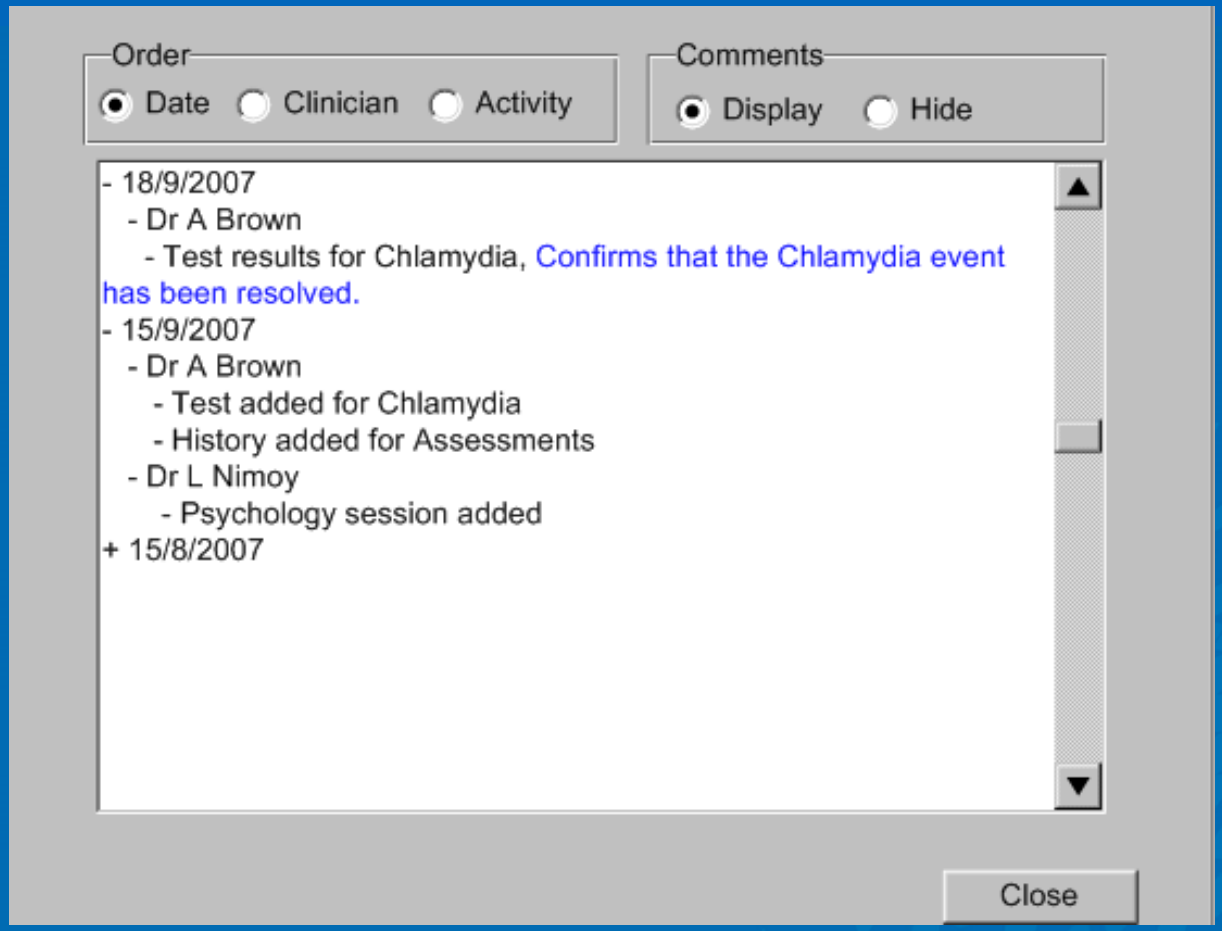
# Print pathology labels

# 4. Add Clinical Notes



# Clinical Notes Summary

- Auto generated summary
- Clinician notes
- Sort by Date, Clinician, Activity
- Display/hide clinician text comments



# Other Features

- GP and client access into nominated shared care record
- Intuitive Clinician/Client Resource Library
- Voice recognition enabled
- Manage telephone calls function
- Built-in activity time recording
- All training on-line
- Standardised State and Clinic Reports

# Other Features

- Statewide Trial and Research Module
- Electronic Letters and client histories
- On–Line Referral
- Electronic Notifiable Disease notification/ immunisations/TGA Adverse Events
- Assisted Clinical Decision Making
- Full audit trail

# Detailed Design Documents

- Master Summary Detailed Design

- Appointments Screen Design
- Bulk Processing Detailed Design
- Bulk Registration Detailed Design
- Care Plan Detailed Design
- Case Management Team Detailed Design
- Client Questions Detailed Design
- Contact Tracing Detailed Design
- EDCQ Detailed Design
- Escalation Detailed Design
- Group Management Detailed Design
- Interfaces Detailed Design
- Merge Detailed Design
- Migration Detailed Design
- Navigation Detailed Design
- Offline Processing Detailed Design
- Opt-off Processing Detailed Design
- Practice Algorithms Detailed Design
- Progress Notes Detailed Design
- Reports Detailed Design
- Research and Trials Detailed Design
- Resource Library Detailed Design
- Specimen Collection Detailed Design
- Spell Checking Detailed Design
- System Messages Detailed Design
- Telephone Calls Detailed Design
- Time Recording Detailed Design
- Touch Screen Detailed Design
- Trigger Management Detailed Design
- Unique ID Detailed Design
- Voice Recognition Detailed Design

**ACTIVITY SCREEN DESIGNS**

- Adverse Reactions Detailed Design
- Alerts Detailed Design
- Anatomical Detailed Design
- Consent Detailed Design
- Diagnosis Detailed Design
- Drug Resistance Detailed Design
- Education Detailed Design
- History Detailed Design
- Image Detailed Design
- Medications Detailed Design
- Procedures Detailed Design
- Psychology Detailed Design
- Tests Detailed Design
- Immunisations Detailed Design

# Communications

Queensland Government
Queensland Health

## PHICSS Project

*Population Health Information and Clinical Services Solution (PHICSS)*

**Newsletter No 14 – March 2009**

### Project Team on the move....

On 6 April, the PHICSS Project Team will move across to the new Population Health Building in Butterfield St,, opposite the Royal Brisbane Hospital.



Butterfield St - Population Health Building.

The move will position us much closer to the Information Division (ID) hubs for Queensland Health and make our *frequent* meetings with ID much easier. Whilst our email details will remain unchanged the team will all receive new phone numbers (we will advise as soon as they come into effect).

As would be expected, the team is now gearing up to meet the rapidly growing workload and we hope the photo below puts faces to the current members of the team.

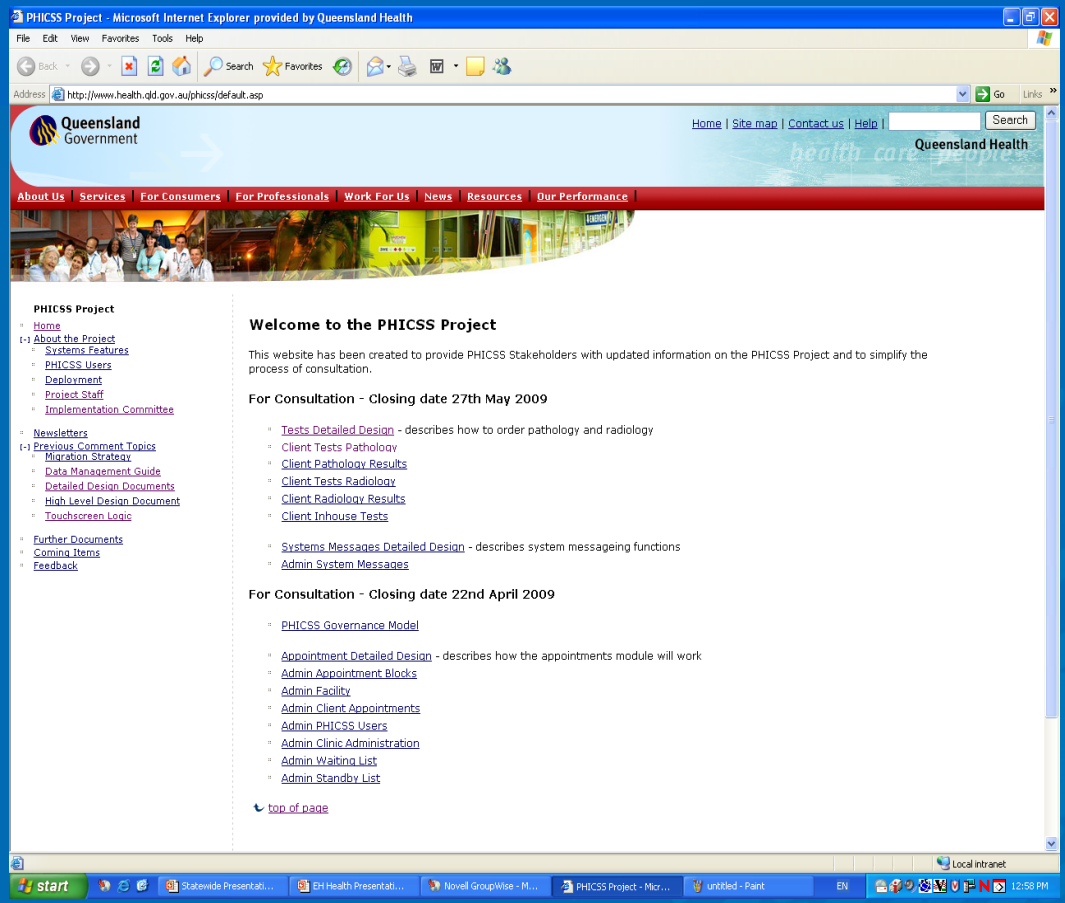


### PHICSS Implementation Committee

The makeup of the PHICSS Implementation Committee (PIC) has also now been finalised and members are as below.

PHICSS Implementation Committee Membership.

| | |
|---|---|
| Mobile Women Health Service (MWHS) - Cape York | Helen Withers |
| MWHS - Cairns | Dee Wallis |
| MWHS - Central Regions | Robyn Stoddart |
| MWHS – Southern Regions | Dene Campbell |
| Family Planning Qld | Margot Kingston |
| Psychologists – SH | Georgia Ash |
| BSHARP Administrator | Henry Magon |
| Brisbane Sexual Health | Theo van Lieshout |
| AIDS Medical Unit | Jackie Kennedy |
| Redcliffe Sexual Health | Lorraine Buks |
| Gold Coast Sexual Health | Brenda Henry |
| PAH Sexual Health | Judy Nunn |
| Ipswich Sexual Health | Dianne Farrell |
| Toowoomba Sexual Health | Julie Hasted |
| Sunshine Coast Sexual Health | Kuong Taing |
| Bundaberg Sexual Health | Fiona Stack |
| Rockhampton Sexual Health | Caren Tucker |
| Mackay Sexual Health | Linda Magnussen |
| Mt Isa Sexual Health | Lauren Gill |
| Townsville Sexual Health | Penny Kenchington |
| Palm Island Sexual Health | Rachel Tipoti |
| Cairns Sexual Health | Darren Russell |
| Brisbane TB Clinic | Kelly Perkins |



PHICSS Project - Microsoft Internet Explorer provided by Queensland Health

http://www.health.qld.gov.au/phicss/default.asp

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**PHICSS Project**

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  - Deployment
  - Project Staff
  - Implementation Committee
- Newsletters
- Previous Comment Topics
  - Migration Strategy
  - Data Management Guide
  - Detailed Design Documents
  - High Level Design Document
  - Touchscreen Logic
- Further Documents
- Coming Items
- Feedback

### Welcome to the PHICSS Project

This website has been created to provide PHICSS Stakeholders with updated information on the PHICSS Project and to simplify the process of consultation.

**For Consultation - Closing date 27th May 2009**

- Tests Detailed Design - describes how to order pathology and radiology
- Client Tests Pathology
- Client Pathology Results
- Client Tests Radiology
- Client Radiology Results
- Client Inhouse Tests

- Systems Messages Detailed Design - describes system messageing functions
- Admin System Messages

**For Consultation - Closing date 22nd April 2009**

- PHICSS Governance Model

- Appointment Detailed Design - describes how the appointments module will work
- Admin Appointment Blocks
- Admin Facility
- Admin Client Appointments
- Admin PHICSS Users
- Admin Clinic Administration
- Admin Waiting List
- Admin Standby List

top of page

Newsletter

Website

# With thanks to:

Queensland Government

## BOARD

| | |
|---|---|
| Dolly Olesen | Director – CHRISP |
| Andrew Melnik | Program Director Info-solutions |
| Linda Hill | Director Information Data Management Unit |
| Rowan Salt | Senior Director – Info-solutions |
| Steven Shackcloth | Director Service Integration |

## STEERING COMMITTEE

| | |
|---|---|
| Dr Dolly Olesen | Director – CHRISP |
| Dianne Farrell | CNC, Sexual Health Clinic, West Moreton |
| Leane Christie | Team Leader, Queensland Cervical Screening |
| Carmel Cochrane | Clinical Nurse, QTBCC |
| Dr Darren Russell | Director, Cairns Sexual Health Clinic, Cairns |
| Margot Kingston | Clinical Nurse Manager, FPQ |
| Jo Murray | Nurse Practice Co-ordinator, AIDS-Medical Unit |
| Gary Boddy | Manager – HAHCSH program |
| Joe Debattista | HAHCSH Coordinator North side |
| Vikki Tierney | Manager Tropical Public Health Unit, |
| Adam Dixon | Technical Operations Manager – SIM 2 |

## TECHNICAL REFERENCE GROUP

| | |
|---|---|
| Geoffrey Luck | Senior Project Officer |
| Jason Sinnamon | Unix System Administrator |
| Rachel Burroughs | Data Manager |
| Kym Columbine | Information Systems Co-ordinator, ISDMU |
| Wendy Hansen | Administration Officer, QTBCC |
| Henry Magon | Planning Officer, Brisbane S.H. Service |
| Marina Leanor | FPQ Data Administrator |

## IMPLEMENTATION COMMITTEE

| | |
|---|---|
| Mark Counter | PHICSS Business Integration Leader |
| Helen Withers | Clinical Nurse - MWHS |
| Dee Wallis | Clinical Nurse - MWHS |
| Robyn Stoddart | Clinical Nurse - MWHS |
| Dene Campbell | Clinical Nurse - MWHS |
| Margot Kingston | Clinical Nurse |
| Georgia Ash | Psychologist |
| Henry Magon | Planning Officer, |
| Theo van Lieshout | Medical Officer |
| Jackie Kennedy | Clinical Nurse |
| Lorraine Buks | Clinical Nurse |
| Brenda Henry | Clinical Nurse |
| Judy Nunn | Clinical Nurse |
| Dianne Farrell | Clinical Nurse Consultant |
| Julie Hasted | Clinical Nurse |
| Kuong Taing | Medical Officer |
| Fiona Stack | Clinical Nurse |
| Caren Tucker | Clinical Nurse |
| Linda Magnussen | Administration Officer |
| Lauren Gill | Clinical Nurse |
| Penny Kenchington | Clinical Nurse |
| Rachel Tipoti | Clinical Nurse |
| Darren Russell | Medical Officer |
| Kelly Perkins | Clinical Nurse |
| Trevor Knight | Clinical Nurse |
| Sara Bell | Principal Policy |
| Lisa Peberdy | Qld Cervical Cancer Program |
| Terry O'Brien | Clinical Nurse |

## ID REFERENCE GROUP

| | |
|---|---|
| Chris Bowen | Project Manager, PHICSS Project InfoSolutions Branch, |
| Derk Meyer | Principal Architect, InfoSolutions Branch, ID |
| Vinit Joshi | Senior Operations Consultant |
| David Mitchell | Systems Analyst |
| Marc Asher | Technical Consultant - Infosolutions |
| Adam Dixon | Technical Operations Manager – SIM 2 |
| David Lowe | Lead Designer - Infosolutions |
| Damien Wildie | Chief Architect – Clinical Systems |
| Rod Bergman | Technical Officer – Laboratory Information Systems |
| Geoffrey Luck | Senior Project Officer |
| Steve McCormack | Systems Integration Team |
| Brett Daley | A/Manager Solutions Consulting - Infosolutions |

## PROJECT TEAM

| | |
|---|---|
| Chris Bowen | Project Manager |
| Mark Counter | Business Integration Leader |
| Katrina Penfold | Project Officer |
| Linda Hill | Quality Reviewer |
| Chris Christophorou | Technical Consultant |
| David Bradford | HIV & Sexual Health adviser |
| Jackie Mein | Reproductive Health adviser |
| Lalith Surjove | Systems Tester |
| Judy Woodland | System Tester |
| Magda Ammirato | Administration Assistant |
| Geoff Luck | Technical Adviser |

eVICI sharing healthcare

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