

The background of the slide features a collage of medical and healthcare icons within hexagonal frames. These include a syringe, a heart with a plus sign, a shield with a plus sign, a molecular structure, a target with three silhouettes of people, and a pill. The word 'HEALTHCARE' is partially visible in large, light-colored letters.

*When technology is
aligned with
healthcare services!*



CliniSol

*New generation's Clinical
Information System*

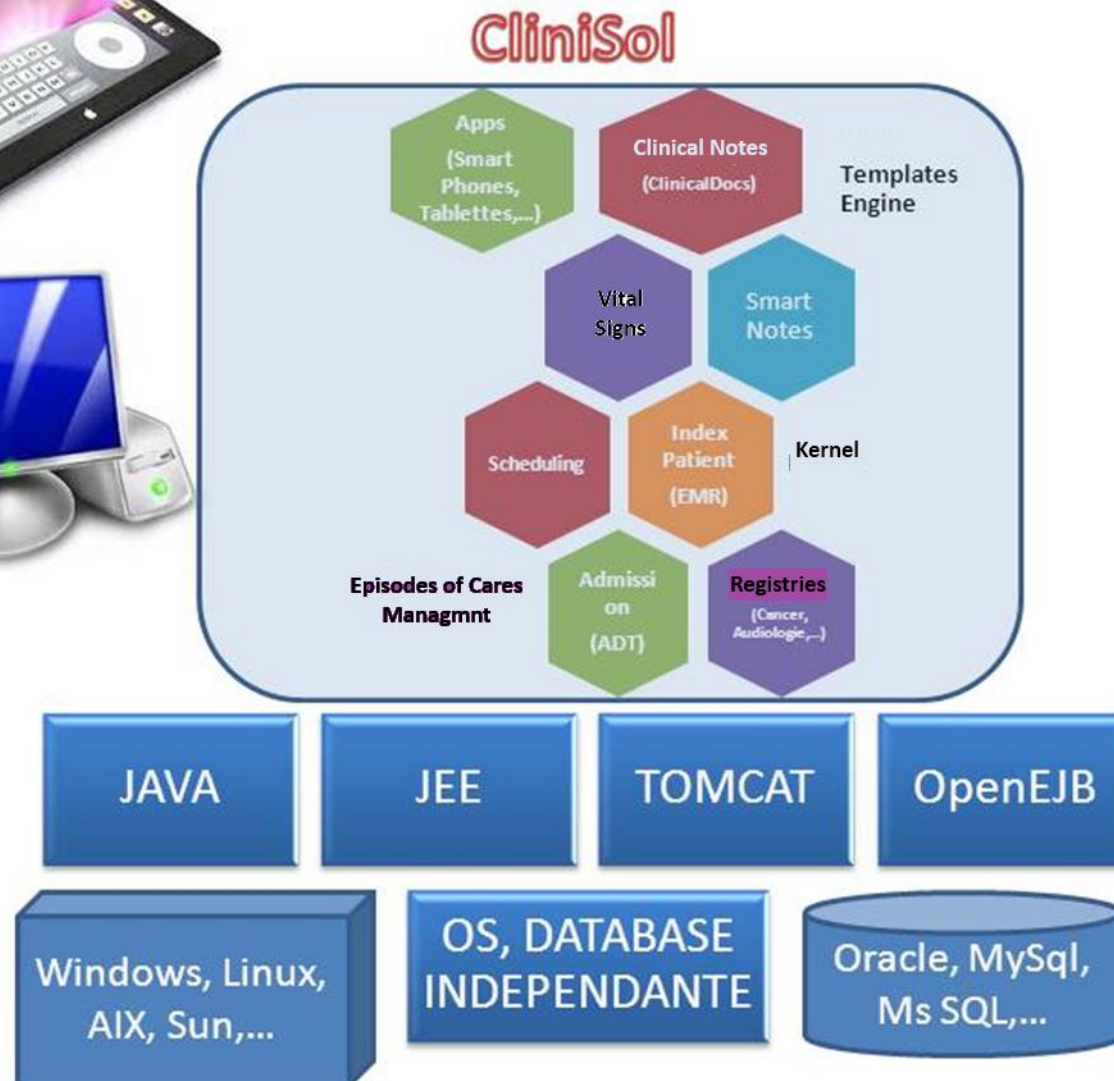
Content

- ◉ Introduction to **CliniSol** system
- ◉ Architecture
- ◉ Modules: Patients management, Scheduling, Episode of Care (Encounters), Clinical Documents, Orders, Medication.
- ◉ Framework for special needs
- ◉ Versions & options
- ◉ Added Values
- ◉ Interoperability's Strategy
- ◉ Cloud Solution & SaaS

Introduction

- ❑ Lacks of capabilities in traditional clinical systems
 - Flexibility to answers to the evolving needs in healthcare institutions.
 - Compatibility to follow the fast evolution in IT.
 - Performance issues when there is a growth in services.
- ❑ Among **CliniSol**'s goals:
 - Address these issues and many others...
 - Enhance the experience of the healthcare providers in their relationship with technology
 - Allow clinicians to focus on their profession: providing better care services.

Architecture



Modules – Patient' management

- Demographics Data
- Insurance et Payment information.
- Risks/Allergies: (Causal Agents, nature of reaction, Signs/Symptoms,...)
- Problems: Reporting Departments(Ambulatory, Anesthesiology, Sight Readaptation, dental, neurology,...)

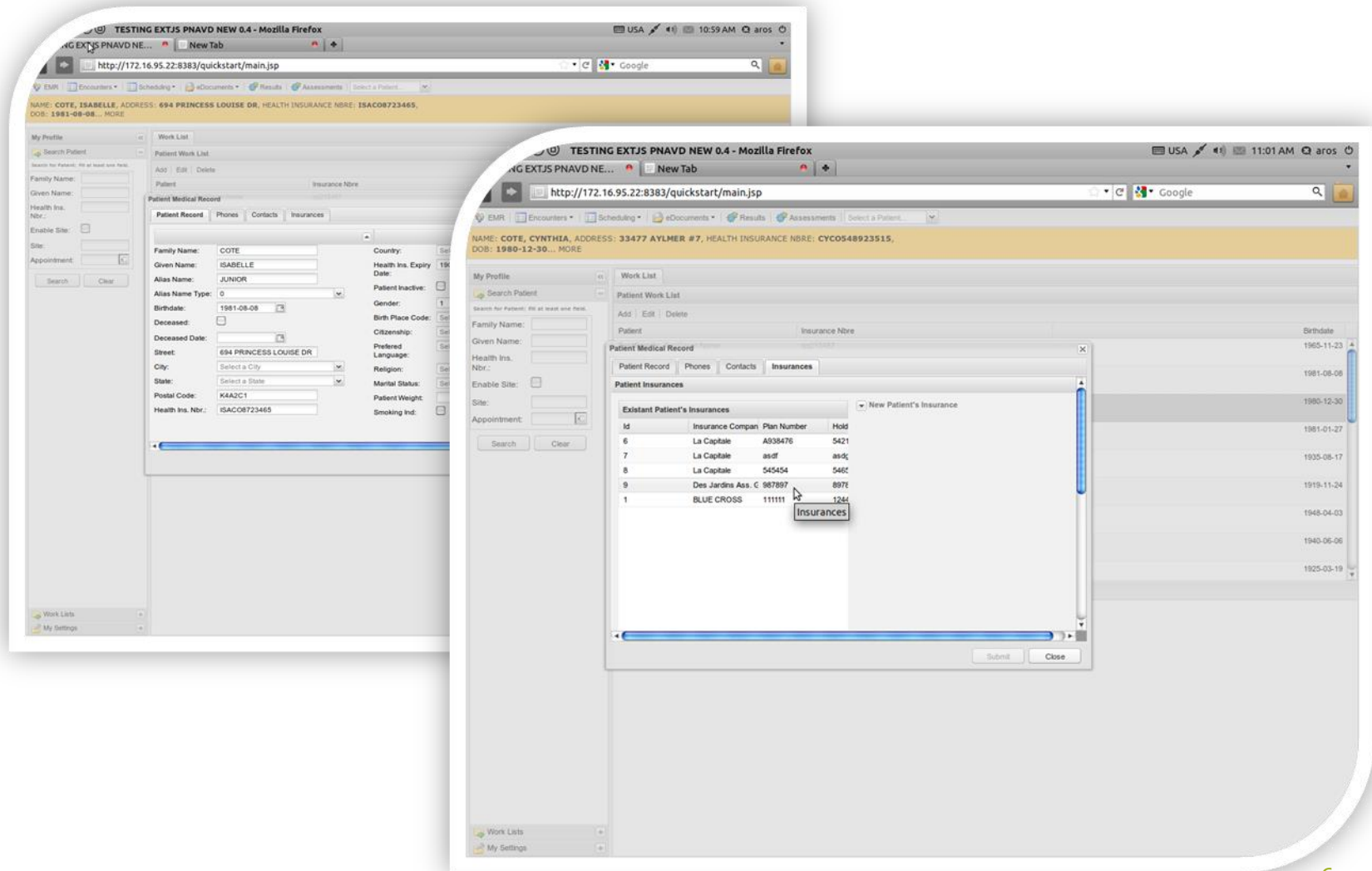
- Patients' Search Engine and patients' Lists by service par services, dynamic lists ...
- Patients Merge issues from multiple institutions
- Interface Admission : output/input (HL7 and FHIR).
- Medical Profiles Management

The screenshot displays a web-based patient management system. At the top, a navigation bar includes tabs for Worklists, Encounters, Scheduling, eDocuments, Results, Assessments, Orders, Resources, Collaboration, and a search bar. Below this, a header bar shows patient information: NAME: ROMANO, STEFANO, (MALE), (46 YEARS OLD), ADDRESS: 2121 ST. KYGAL, HEALTH INSURANCE NBR: STER215487, DOB: 1965-11-23... MORE. To the right of the header are buttons for Patient Record Flags (4) and Allergies & Adverse Reactions (2).

The main content area is titled 'Cumulative Patient Profile for: STER215487' and contains several panels:

- Patient Tasks:** A panel with a search bar and a table showing no data to display.
- Patient Contacts:** A panel with a table showing contact information for 'quert, west PERE 54215421'.
- Electronic Documents:** A panel with a list of documents including 'Aug 15th, 2011 Discharge summary', 'Aug 3rd, 2011 ECG scan', and 'Dec 3rd, 2009 flu test 14'.
- Allergies & Adverse Reactions:** A table with columns for Allergy/AR, Severity, and Observed on. It lists 'ASPIRIN MILD 2011-07-29' and 'POLLEN UNKNOWN 2012-01-01'.
- Problems:** A table with columns for Problem, Immediacy, and Onset Date. It lists 'MUSCLE FATIGUE CHRONIC 2011-07-29', 'DIABETES CHRONIC 2011-07-29', and 'BACK PAIN ACUTE 2011-08-03'.
- Patient Flags:** A table with columns for Flag, Value, and Entered When. It lists 'MDRO' (checked), 'VIP' (checked), 'UNIDENTIFIED A...' (checked), and 'LEAVE OF ABSE...' (unchecked).
- Episodes:** A panel with a table showing no episodes to display.
- Coming Appointments:** A panel with a table showing an appointment on '2012-07-26' at '10:30' with 'Dr. Morin'.
- Lab results:** A panel with a table showing no results to display.

Screenshots- Patient Management



Scheduling and appointment

- Appointments' management, canceling, report, confirmation, ...
- Group's appointment.
- Professionals' Availability management
- Displays modes: calendar vs. week, month, day.
- Waiting Lists
- Rescheduling List
- Personalized Lists

Screenshots - Scheduling

The image displays two screenshots of a medical scheduling software interface, likely for a clinic or hospital.

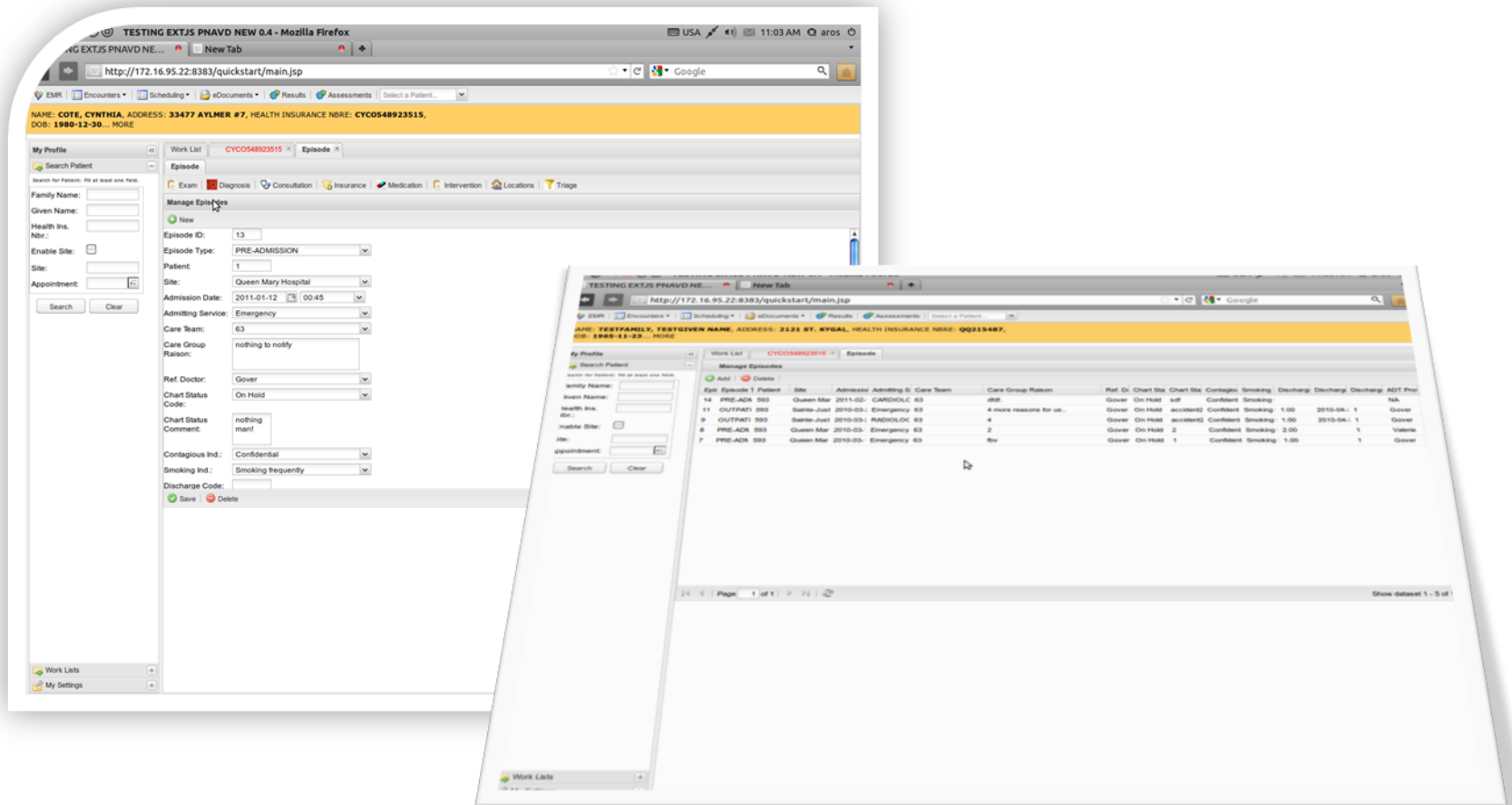
Left Screenshot: This view shows a patient's schedule for Dr. Morin. The patient's name is **ROMANO, STEFANO**, (MALE), (46 YEARS OLD), ADDRESS: **2121 ST. KYGAL**, HEALTH INSURANCE NBR: **STER215487**, DOB: **1965-11-23**. The interface includes a search bar with the patient ID **STER215487** and a "Scheduler" tab. A pop-up form for appointment details is visible, showing fields for Patient (STEFANO, ROMANO), Session Date (07/26/2012), Start Time (10:30 AM), End Time (10:45 AM), Appointment Type, Preparation, and Comment. There are also fields for Reschedule, Rescheduled by Patient count, Rescheduled by Clinic count, Rescheduled Previous Date, and Rescheduled Previous. Buttons for "Confirm", "Reschedule", and "Delete Appt." are present.

Right Screenshot: This view shows a weekly schedule for Dr. Morin. The interface includes a search bar with the patient ID **STER215487** and a "Scheduler" tab. A calendar widget is visible, showing the dates from July 1 to July 31, 2012. The schedule is displayed in a grid format, with columns for each day of the week and rows for time slots. The schedule shows various appointment slots, some of which are highlighted in blue. A "Next Availability" button is visible at the bottom right.

Modules – Episode of care

- Encounter's workflow
- Follow up of Patient movements: transfer, swap, permissions, discharge,...
- Patient Care History
- Diagnosis
- Care's Plan
- Generic clinical Documentation
- Discharge report.
- Vital Signs : based on customized templates.
- Clinical Notes SOAP (subjective, objective, assessment, and plan)
- Follow up with visit's data.

Screenshot- Episode of care



Modules – Documents management

- Many Formats supported: image/doc, scanned images, text notes, rich notes based on templates..
- Document scan to the app.
- Documents as attachment to:
 - Patient Chart
 - A particular Episode of care, to a diagnosis, clinical note, Exam results, action/reminders...
 - User related (My documents) , et non linked to any patient
- Templates' management.
- Nursing Documentation (Vital signs, allergies, flags ...)

Screenshots - Documents management

The image displays two overlapping screenshots of a medical software interface, likely for document management and patient evaluation.

Left Screenshot: Shows a document management screen. The top navigation bar includes tabs for EMR, Encounters, Scheduling, eDocuments, Results, Assessments, and Select a Patient. The main content area displays a list of documents on the left and a form titled "Déclaration obligatoire MADO" on the right. The form includes fields for patient information (Name: ROMANO, STEFANO, Address: 2121 ST. KYGAL, Health Insurance NBR: STER215487) and a section for "Déclaration d'une maladie infectieuse transmissible (MADO) selon la loi sur la santé publique".

Right Screenshot: Shows a form titled "Outil de grippe saisonnière évaluation brève adulte". The form includes a search bar, a patient information section (Name: ROMANO, STEFANO, Address: 2121 ST. KYGAL, Health Insurance NBR: STER215487), and a section for "SYMPTÔMES SYNDROME D'ALLURE GRIPPALE". The form also includes a section for "1. FACTEURS D'ÉLEVATION DU RISQUE OU DE FRAILISSEMENT" with a table of checkboxes for various conditions.

Condition	Ou	Non	Ou	Non
Condition pulmonaire chronique	☒	☐	Maladie vasculaire-cérébrale	☐
Diabète :	☐	☒	Anémie	☐
Grossesse (____ semaines de grossesse)	☒	☐	Obésité morbide	☐
Immunosuppression	☐	☒	Personne de 65 ans et plus	☐
Insuffisance rénale chronique	☒	☐	Perte d'autonomie liée au vieillissement	☐
Maladie cardiaque chronique	☐	☒	Résident en CHSLD	☐
Maladie néoplasique	☒	☐		☐

Modules – Other functionalities

- Order Entry Requests :
 - Medicament - Pharmacy
 - General Lab, Pathology, Microbiology, Radiology ..
- Medicaments Prescription with conflict management
- Lab Results
 - Import/export Lab Results in HL7/Fhir
 - Results as scanned doc or granular entries
- Clinical Assistants:
 - Clinical Memento Clinique/actions (ex. Vaccines' registry,..etc.)
 - Patient Signalizations (flags) (VIP, patient at risk, MDRO, contagious,...)
 - Conflicts of medicaments.
- WorkFlow for Emergency: waiting list, triage
- Work load management: office agents, nurses, physicians.
- Reports Generator.

Example 1: Prescriber and medicaments

Worklists Encounters Scheduling eDocuments Results Assessments Orders Resources Collaboration 36

NAME: ROMANO, STEFANO, (MALE), (46 YEARS OLD), ADDRESS: 2121 ST. KYGAL, HEALTH INSURANCE NBRE: STER215487, DOB: 1965-11-23... MORE

Patient Record Flags (4)
Allergies & Adverse Reactions (2)

Search STER215487 Prescriber

Prescription List

Save prescription Remove Edit

Drug	Do...	Unit	Freq.	Start	Durati...	DurP...	Dispens.Qty	Unit	NoSubstit.	Refills
------	-------	------	-------	-------	-----------	---------	-------------	------	------------	---------

Active Medication

Discontinue Medication View eMAR Generate eMAR Print Copy

Drug	Do...	Unit	Freq.	Start	Durati...	DurP...	Dispens.Qty	Unit	NoSubstit.	Refills
ACETAMINOPHEN 325MG	1	TABL...	PRN	2012-08-02	10	D	25	O.P.	☐	0

Inactive Medication

Renew

Drug	D...	Unit	Freq.	Start	Durati...	DurP...	Dispens....	Unit	NoSubstit.	Refills	Status
ACETAMINOPHEN 32...	1	TAB...	PRN	2012-08-02	10	D	25	O.P.	☐	0	Disco...
FUROSEMIDE INJ 10...	1	TAB...	BID	2012-07-24	1	D	25	TAB...	☒	1	Disco...
#17 DIURETIC TEA	2	TAB...	PRN	2012-05-03	7	D	1	ML	☒	3	Expir...
#17 DIURETIC TEA	2	TAB...	PRN	2012-04-20	7	D	1	ML	☒	3	Expir...
#17 DIURETIC TEA	2	TAB...	PRN	2012-04-12	7	D	1	ML	☒	3	Expir...
ACETAMINOPHEN 32...	1	TAB...	BID	2012-04-03	7	D	25	O.P.	☐	0	Expir...
2% IODINE TINCTURE...	10	ML	BID	2012-03-26	3	D	2	O.P.	☐	0	Expir...

Medication

ACETAMINOPHEN 325MG

Dosage

Dosage: 1 Units: TABLETS
Frequ.: PRN
Instructions:

Duration

Start Date: 07/23/2012
Duration: 10 DAY

Dispense Quantity

Quantity: 25 Unit: O.P.
Refills: 0 No Substit.: ☐

Add to prescription

Protocols

New Protocol Refresh

- Protocols & Favorites
- Shared
- aspirin
- My List
- aspirin
- Aspirin-2
- Headache
- IODINE 2%
- Pain-1

Engin de validation des allergies et interactions

Protocoles

Example 2: Screenshots - Allergies

YEARS OLD), ADDRESS: 694 PRINCESS LOUISE DR, HEALTH INSURANCE NBR: 15AC08723465

Allegies & Adverse Reactions (2)

Search: 15AC08723465 | Worklist | Vital Signs | **Allergies**

Allegies | History

Type	Observed when	Observed/History	Severity	Entered when	Comment	Active
FOOD ALLERGY	2008-11-05	OBSERVED	MODERATE	2008-11-13		Yes
DRUG ALLERGY	2011-07-22	OBSERVED	MILD	2011-07-22		Yes

Left sidebar (Patient List):

- KNO, STEFANO 40 y
- RIQUES, ANTOINE
- IF, ANTON 64 y
- L, ANNETTE 104 y
- n, Sam 36 y
- IS, ELEONORE 90 y
- EN, LEE

Page 1 of 1 | Displaying 1 - 2 of

Comments

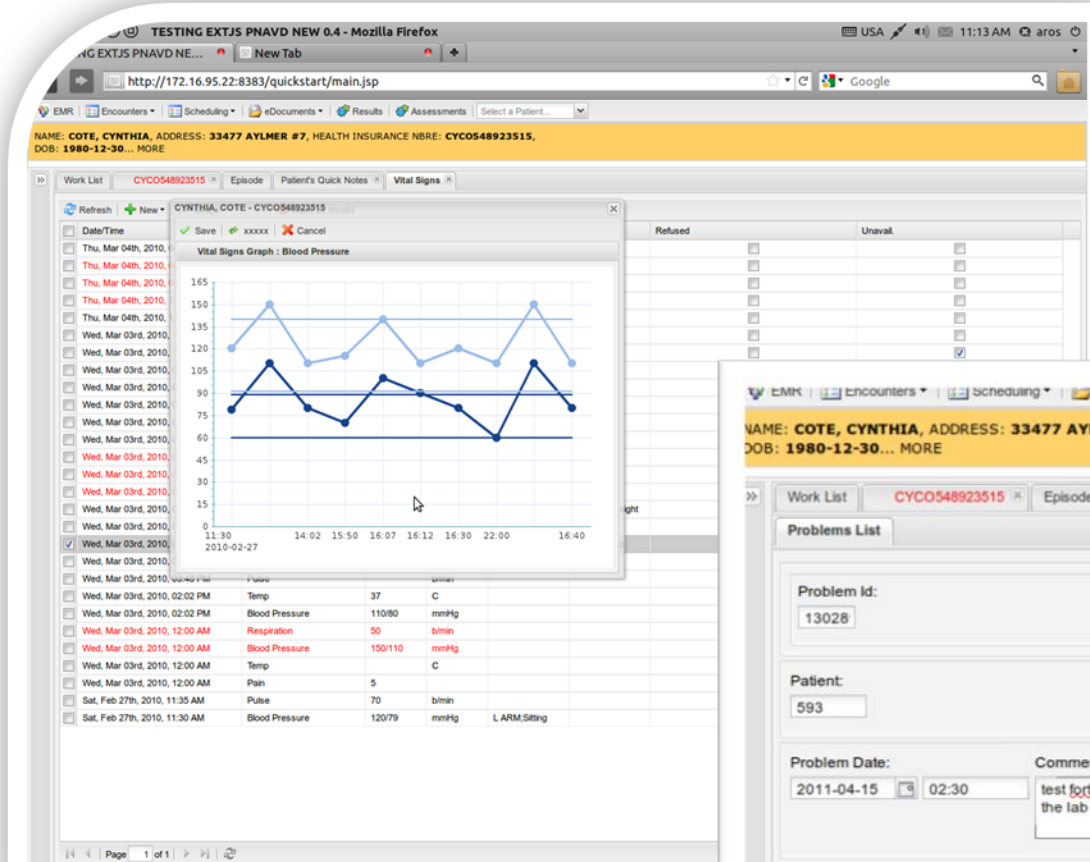
Add Edit Delete

Created on	Note	Created by	Modified by
2011-07-27, 1...	Reported for the 1st time.		admin on 2012-07-...

Personalised needs & cares' Framework

- Le grand défi dans un environnement clinique concerne les besoins spécifiques:
- CliniSol offre un Framework pour:
 - Bâtir rapidement des modules spécifiques..
 - Intégrer ces modules au système au complet.
- Exemple: questionnaires d'évaluation, suivi de patients, liste de problèmes, ...

Screenshot: special needs



EMK | Encounters | Scheduling | eDocuments | Results | Assessments | Select a Patient...

NAME: **COTE, CYNTHIA**, ADDRESS: **33477 AYLMEYER #7**, HEALTH INSURANCE NBRE: **CYCO548923515**, DOB: **1980-12-30**... MORE

Work List | **CYCO548923515** | Episode | Scheduler | Notes | Patient's Problem

Problems List

Problem Id: 13028 Problem Detected by: Fortlin

Patient: 593

Problem Date: 2011-04-15 02:30 Comment: test fortin 2:38, please prepare the lab result for next encounter

Reset & Create New Save Delete

Enriched features

- ◉ Logs (Transactions reused for the integration)
- ◉ Audit (who does what)
- ◉ Multilingual system (English, French, or any other language, upon request)
- ◉ Features Activation/Deactivation: logs, audit, HL7 interfaces.
- ◉ User`s Preferences/ Fonctionnalités most used : create your personalized working list.
- ◉ Multiple sites support.

Versions & packaging

- ◉ **CliniSol SF (Small Facilities)**

- ◉ Light Version for small and medium facilities (Clinics & private polyclinics, private Healthcare Centres,...).
- ◉ Easy Installation and short time to market.
- ◉ Intuitive User interface

- ◉ **CliniSol for Hospitals**

- ◉ Complete list of Modules.
- ◉ Easily Integrable with existing peripheral systems.
- ◉ Migration of the existing historical data before deployment.

- ◉ **By Module**

- ◉ Patient Chart, Prescriptions, Scheduling, Document Manager,...

Integration Strategy

- ◉ Integration Process adapted to the establishment workflow, its budget, use cases,...
- ◉ Possibility to reuse the existing data into CliniSol while integrating scanned paper patients` files as part of the migration process.
- ◉ Out of the box Solution for small and medium facilities.
- ◉ Open Architecture Allowing full interfacing with HL7.
- ◉ Flexibility to choose the right Database system (Oracle, MS-SQL, DB2, MySQL, Sybase).

Cloud Computing as an deployment strategy: Software as a service (SaaS)

- Multi-site features supported by default out of the box.
- Security features: authentication and authorization.
- Possibility to isolate data belonging to different sites virtually or at the level of the infrastructure layer.
- Use the system based on your needs and keeping the focus on your mission: providing better cares while letting the SAAS platform manage versioning and IT issues.
- Data center can be local for countries with restraining regulations or legislations

Contact

- ◉ Web Site: <https://clinitouch.smartinc.ca>
- ◉ E-mail : clinitouch@smartinc.ca
- ◉ Phone Number: (514)992-1693
- ◉ Location: Laval, QC, CANADA.

CliniSol is a trade mark of Smartinc Incorporated

Questions?