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General Features

Patient HIV status determination

A major feature of version 8.0 includes the ability to track care and treatment of HIV negative patients. Because of this new feature, the HIV status of each patient must be designated.

Initially, when a new patient is added by filling out the registration form, the status is shown as HIV negative in the header (as shown below).

Vue d'ensemble ▾ Patients ▾ Registre ▾ | Évaluation et surveillance ▾ Qualité des données ▾ | Administration ▾ Aide ▾ | Rechercher Patient:

Lina ahn No. d'établissement : st4566 **Statut : VIH négatif**

Date de naissance : 27/02/1985 Prénom de la mère : Code national : er4567 Sexe: F

Page de couverture Fiches Historique d'analyses de laboratoire Antécédents médicaux Historique de traitements

Filling out and saving an adult or pediatric HIV care and treatment Intake or Followup form (highlighted below) automatically changes the patient's HIV status to positive.

Michelle 2dec88 Clinic ID: ST00057 Status: Inactive in clinic Regimen: ZDV-3TC-ABC [Medical summary \(pdf\)](#)

DOB: 01/05/1985 Mother's first name: National ID: Sex: F

Cover Sheet **Forms** Lab History Diagnosis History Treatment History

Choose type of form to add:

[Ob/Gyn Intake](#) | [Labor & Delivery](#) | [Followup](#) | [Prescription](#) | [Laboratory](#) | [Adherence](#) | [Couns. Intake](#) | [Home Visit](#) | [Referral Tracking](#) | [Selection Committee Report](#) | [Discontinuation](#)

All forms for the patient:

Date	Form	Form status	Healthcare Provider 1	Healthcare Provider 2	Last Modified	Data entry	Delete
10/03/09	Followup	C	Marie Marth Faustin		24/03/2009 10:51	labbeja/labbeja	<input type="checkbox"/>
10/03/09	Prescription	C	Marie Marth Faustin	Marie Marth Faustin	24/03/2009 10:54	labbeja/labbeja	<input type="checkbox"/>
03/02/09	Followup	C	Marie Marth Faustin		24/03/2009 10:34	labbeja/labbeja	<input type="checkbox"/>
03/02/09	Prescription	C	Marie Marth Faustin	Marie Marth Faustin	24/03/2009 10:36	labbeja/labbeja	<input type="checkbox"/>
30/12/08	Followup	C	Marie Marth Faustin		24/03/2009 10:19	labbeja/labbeja	<input type="checkbox"/>
04/12/08	Followup	C		Wilner Guernier	24/03/2009 09:55	labbeja/labbeja	<input type="checkbox"/>
03/11/08	Followup	C	R.V.ROSIER		24/03/2009 09:44	labbeja/labbeja	<input type="checkbox"/>
23/10/08	Adult Intake	C	D.V.ROSIER		13/08/2009 13:23	labbeja/mitrapiu	<input type="checkbox"/>
23/10/08	Prescription	C	D.V.ROSIER	D.V.ROSIER	24/03/2009 09:18	labbeja/labbeja	<input type="checkbox"/>
13/10/08	Registration	C	Luxon ALEXANDRE		24/03/2009 08:20	labbeja/labbeja	<input type="checkbox"/>

Ob/Gyn Intake forms (for female patients) have fields where HIV Positive or Negative status is determined (shown below).

STATUT VIH			
Dernier Test VIH	<input type="radio"/> Oui	<input type="radio"/> Non	<input type="radio"/> Inconnu
Si oui, date du dernier test VIH: <input type="text"/>			
Résultat:	<input checked="" type="radio"/> Pos	<input type="radio"/> Neg	<input type="radio"/> Inconnu
Établissement où le test a été réalisé:		<input type="radio"/> Cet établissement	<input type="radio"/> Autre: <input type="text"/>
CD4 le plus récent	<input type="radio"/> Oui	<input type="radio"/> Non	<input type="radio"/> Inconnu
Virémie	<input type="radio"/> Oui	<input type="radio"/> Non	<input type="radio"/> Inconnu
			Si oui, date: <input type="text"/>
			Si oui, date: <input type="text"/>

After the patient is indicated as HIV positive the status in the patient header changes to HIV Positive as shown below.

Lina ahn	No. d'établissement : st4566	Statut : VIH positif	Régime :	Résumé du dossier médical (pdf)
	Date de naissance : //	Prenom de la mere :	Code national :	Sexe: F

Patient Transfer - New operating system paths for transfer files

When the "original" RIO saves the discontinuation form, the file 'transfer<patientid>To<sitecode>.csv.gz' is automatically generated (a compressed file). Then the file 'transfer<patientid>To<sitecode>.csv.gz.aes' is generated (an encrypted version of the compressed file). The encrypted file is placed in /var/www/log/itech/patientTransfer/processed on Linux and in c:\cygwin\var\log\itech\patientTransfer\processed on Windows. If necessary, please follow this procedure to create the appropriate directory structure on Windows:

In the file explorer find the directory c:\cygwin\var\log\

- Create the directory itech there.
- Create the directory patientTransfer within itech.
- Create the directory processed within patientTransfer.
- Right click on the itech directory and go to the Security tab.
- Click Add.. and select Everyone
- Click OK
- Make sure this user has Full Control permissions.
- Click the Advanced button
- Select "Replace permission entries on all child ..."

Click OK

You should have the path(s):

c:\cygwin\var\log\itech

c:\cygwin\var\log\itech\patientTransfer

c:\cygwin\var\log\itech\patientTransfer\processed

Patient encounters will be retained at the original site. The patient will be automatically "deleted" (given a value of patient.patStatus = 255) at the original site. The patients' records are retained, but the deleted patient is no longer counted in any indicator or report.

The RIO should then hand-carry, sftp, or email the encrypted file to the transfer site, place it in /var/www/log/itech/transferPatient (Linux) or c:\cygwin\var\log\itech\transferPatient (Windows) on the transfer site's server, and use the web application's Patient Transfer In menu item (Administration-->Patient Transfer In) to display the Patient Transfer page and import the patient to the transfer site. This menu-item is only available to super administrators. Only the ~.aes file is displayed in the page; during the import process, the encrypted file is decrypted and then moved to /var/www/log/transferPatient/processed (Linux) or c:\cygwin\var\log\itech\transferPatient\processed (Windows).

Forms Features

Ob/Gyn and Labor delivery forms

Ob/Gyn (Obstetrics and Gynecology) forms (intake and follow-up) and Labor-delivery forms have been introduced in this release. The forms show up under the "Fiches" tab on the patient's main page for all female patients. These forms replace the PMTCT forms from the last release.

Updated Intake forms

An update has been made to the Intake forms so that they match the latest version of the "Probable Mode of Transmission" section of the Case Notification form. The "Probable Mode of Transmission" section in the intake forms (adult and pediatric) has been replaced by Sections 2 and 3 of the Case Notification form (shown below).

(Cocher pour chaque risque)		2. Mode possible de transmission	
Rapports sexuels avec un male	<input type="checkbox"/> Oui <input type="checkbox"/> Non	Rapports sexuels hétérosexuelles avec :	
Rapports sexuels avec une femelle	<input type="checkbox"/> Oui <input type="checkbox"/> Non	- personne SIDA/VIH+	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu
Injection de drogues	<input type="checkbox"/> Oui <input type="checkbox"/> Non	- personne qui s'injecte la drogue	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu
Bénéficiaire de sang/produits de sang	<input type="checkbox"/> Oui <input type="checkbox"/> Non année _____	- male bisexuel	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu
Transmission Mère a Enfant	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu	- bénéficiaire de sang/produits sang	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu
Accident d'exposition au sang : <input type="checkbox"/> Oui <input type="checkbox"/> Non année _____		Aucun risque spécifié : <input type="checkbox"/>	
(Cocher pour chaque risque)		3. Autres facteurs de risque	
Histoire ou présence de Syphilis	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu	Rapports sexuels :	
Histoire ou présence d'autre IST	<input type="checkbox"/> Oui <input type="checkbox"/> Non <input type="checkbox"/> Inconnu	- ≥ 2 personnes dans les 3 dernières mois	<input type="checkbox"/> Oui <input type="checkbox"/> Non
Victime d'agression sexuelle	<input type="checkbox"/> Oui <input type="checkbox"/> Non	- sans condom	<input type="checkbox"/> Oui <input type="checkbox"/> Non
Autre risque spécifier : _____		- par voie anale	<input type="checkbox"/> Oui <input type="checkbox"/> Non
Coinfection :		- avec travailleur/euse de sexe	<input type="checkbox"/> Oui <input type="checkbox"/> Non
Histoire ou présence du TB	<input type="checkbox"/> Oui <input type="checkbox"/> Non	L'échange de sexe pour argent/choses	<input type="checkbox"/> Oui <input type="checkbox"/> Non

The new section of the Intake forms looks as follows:

MODE PROBABLE DE TRANSMISSION DU VIH	
Rapports sexuels avec homme	<input type="radio"/> Oui <input type="radio"/> Non
Rapports sexuels avec femme	<input type="radio"/> Oui <input type="radio"/> Non
Injection de drogues	<input type="radio"/> Oui <input type="radio"/> Non
Bénéficiaire de sang/dérivé sanguin	<input type="radio"/> Oui <input type="radio"/> Non <input type="text" value="11/MM/AA"/>
Transmission mère a enfant	<input type="radio"/> Oui <input type="radio"/> Non <input type="radio"/> Inc
Accident d'exposition au sang	<input type="radio"/> Oui <input type="radio"/> Non <input type="text" value="11/MM/AA"/>
Aucun risque spécifié :	
AUTRES FACTEURS DE RISQUE	
Historie ou présence de syphilis	<input type="radio"/> Oui <input type="radio"/> Non <input type="radio"/> Inc
Historie/présence d'IST	<input type="radio"/> Oui <input type="radio"/> Non
Victime d'agression sexuelle	<input type="radio"/> Oui <input type="radio"/> Non
Autre risque spécifier :	<input type="text"/>
CoInfection :	<input type="text"/>
Histoire ou présence de TB	<input type="radio"/> Oui <input type="radio"/> Non <input type="radio"/> Inc

Report Features

Change HIVQual indicator #9

The definition for the numerator of the PMTCT HIVQual indicator has changed.

Previous numerator definition: "All pregnant women who've started ART for PMTCT purposes in the preceding 6 months"

Updated numerator definition: "All pregnant patients with at least one visit in preceding 6 months and not previously on ART and eligible for ART prophylaxis who've started ART for PMTCT purposes since their 28th week of amenorrhea."

Reports in iSanté version 8.

All iSanté reports count and show only HIV positive patients, with the following exceptions:

Data Quality -> Bad Visit Date

Data Quality -> Forms with Errors

Data Quality -> Forms Recently Entered

Data Quality -> Forms Entered Last Week

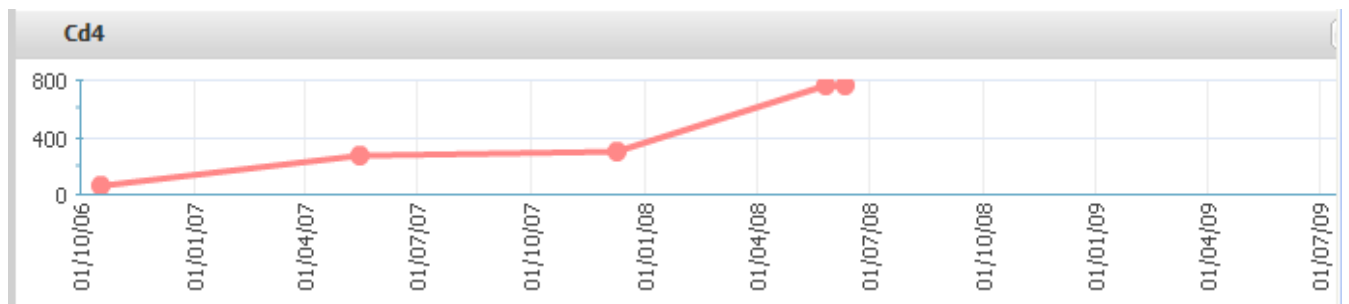
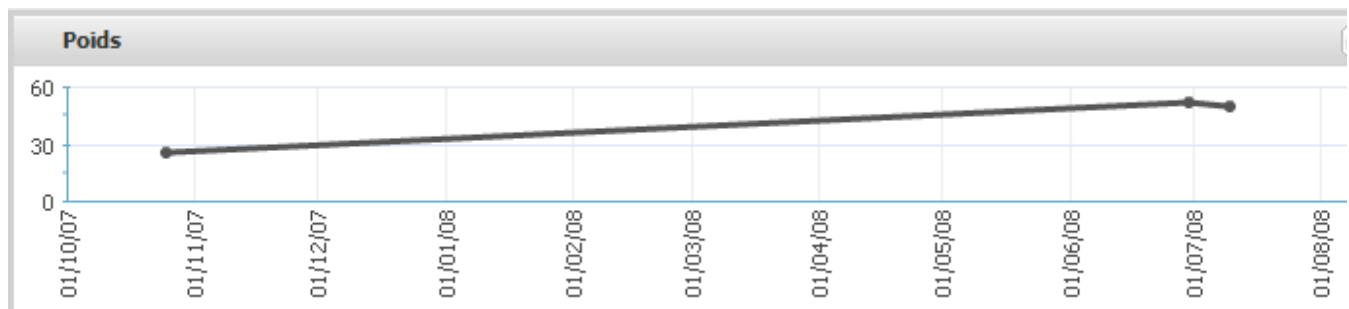
Data Quality -> Forms Entered Last Month

Other Features

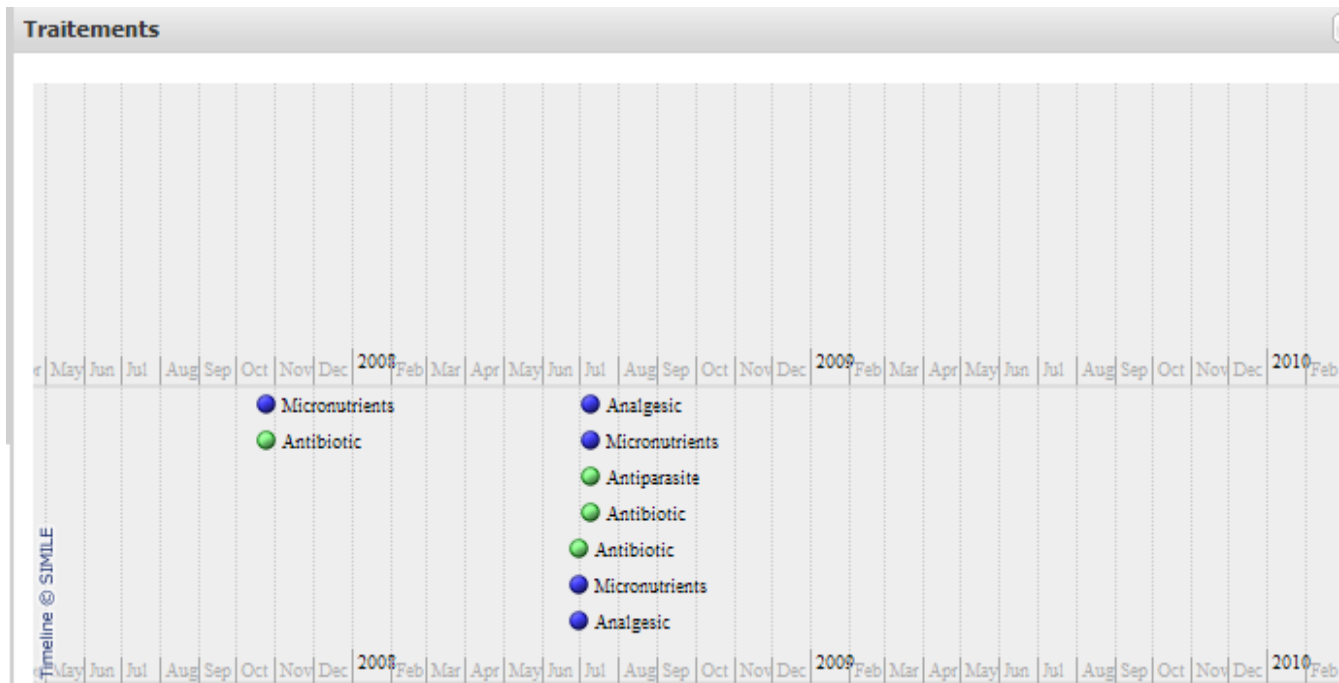
Patient Cover page

The patient cover page has a new look in this release. It contains additional graphs and time-lines for better monitoring. The cover page now incorporates:

- ❖ **Allergy panel** positioned as the first panel in the cover page
- ❖ Improved performance for **Weight and CD4 graphs** (as shown below)



- ❖ **Treatment timeline display** - All treatments are displayed in a timeline corresponding to the CD4/weight graphs for comparison purposes; each can be opened for more info.



The patient cover page now looks as follows:

Michelle
02a800

No. d'établissement : ST-01940 Statut : Inactif en soins palliatifs Régime : [Résumé du dossier médical \(pdf\)](#)
Date de naissance : 02/11/1982 Prénom de la mère : Code national : Sexe: F

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Graphiques

Poids

CD4

Traitements

Résumé de patient

Allergies

ARV

Date du éligibilité: Pas d'éligibilité médicale établie
Stade OMS au démarrage des ARV:
Raison d'éligibilité médicale aux ARV: 4

Signes Vitaux

Date de Visite: 08/09/2008

Temp	36.3 Celsius
TA	100/60
Pouls	76
FR	20
Taille	1m 69cm
Poids	64 kgs
GROSSESSE	Non
ÉTAT GENERAL	En déclin
Hospitalisé depuis la dernière visite	Non
ÉTAT DE FONCTIONNEMENT	Capable de travailler—Continue de travailler

CD4

Compte CD4	Date de visite
1139	20/03/2008

1er Compte CD4

1139	20/03/2008
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Compte CD4 le plus bas

For a patient with no weight, CD4 or prescription drugs, the cover page shows up with empty panels.
Note: A bug in IE7 prevents the display of the weight and cd4 graphs—use IE8 instead.

Major Bug Fixes

- ❖ The radios in adult and pediatric laboratory forms can be deselected.
- ❖ In the vital signs section of the Intake and Follow-up forms, the radio corresponding to "mm de HG" remained deactivated even if the TA fields are filled up. As a result the mm unit could not be chosen at all. This has been fixed for this release.
- ❖ "Reason for Medical Eligibility of ARV" remained inactive even if "yes" was chosen for medically eligibility. This has been fixed for this release.
- ❖ The field "TB Status" in the intake form remained unchecked while saving for the first time. Now it gets saved properly.