Release notes for iSante 17.4

New features

Management of the results of viral load and EID tests

1. Enter the laboratory test order

2. Sending the laboratory test order to the LNSP

3. Load the result report from the LNSP

1. Enter the laboratory test order

There is no change in iSante for entering the order. Choose the molecular biology tab and select the article Viral load (VL) / PCR (EID) on the page:

Replace the text "iSante" with the appropriate value in the sample code for the paper request:

Informations Echantillons

Type d'échantillon:

- Sang Total
- Sèrum
- Plasma
- Sang du cordon
- DBS ✓

- Selles
- LCR
- Ecouvillon Naso-Pharyngé
- Ecouvillon Pharyngé
- Eau

- Urines
- Crachats
- Autres (spécifier) _____

Test demandé

- Culture
- PCR: ☐ GPP ☐ IRA ☐ BACT. MENING. ☐ MDIES FEBRILES(7) ☐ARBOVIROSES(3)
- Culture des Crachats (MTB)
- Recherche de Parasites
- Leptospirose IgM
- Salmonella IgM
- Rubèole :☐IgG☐IgM
- Autres (spécifier): _____

- Rougeole :☐IgG☐IgM
- Dengue :☐IgG☐IgM☐NS1Ag
- Chikungunya:☐IgM ☐PCR
- C.diphteriae:☐ Culture ☐ PCR
- Zika ☐ IgM ☐ PCR
- Rotavirus Elisa
- B. pertussis:☐ Culture ☐ PCR
- Polio : ☐ Culture virale

- Malaria ☐ RDT.☐ PCR
- Syphilis : ☐ ELISA ☐ RPR
- VIH-1 DNA PCR (EID) #_____
- VIH-1 Charge Virale RNA PCR :
 - ☐ CVr
  - ☐ CVce
  - ✓ CVi : 1—②—3
  - ☐ CV autre : Confirmation

In this case, the order must be registered as indicated:

Analyses de laboratoire

Date de visite: 07/11/17 JJ/MM/AA   Sauvegarder   Toutes les fiches/Retourner

TYPE DE VISITE ⦿ Clinique externe ○ Visite initiale ○ Visite de suivi ○ Consultation
PATIENTs wagner, Elisabeth Date de naissance : 08/02/1980 Sexe : F Prénom de la mère : suzie IDENTIFICATEURS Code national : ew0505s
No. d'ordre : 99999-619851 Signature du médecin, Prénom : Steve   Nom : Wagner   Imprimer l'ordre

Tests demandés   Sauvegarder les résultats

Groupe	Type	Nom du test	Type d'échantillon	Date du résultat	Résultat	Rema
Biologie molecul...	T	PCR	CVi-2			

Fin ✕
Sauvegarde réussie
OK

Choisir panel/test Entrez la chaîne de recherche : _____   Rechercher

| Hematologie | Biochimie | Cytobacteriologie | Bacteriologie | ECBU | Parasitologie | Immuno-Virologie | Mycobacteriologie | End |

☐ Charge virale ☐ Test de resistance TB
☑ PCR   ☐ Test de resistance VIH

2. Sending the laboratory test order to the LNSP

The site administrator must choose from the Administration menu:
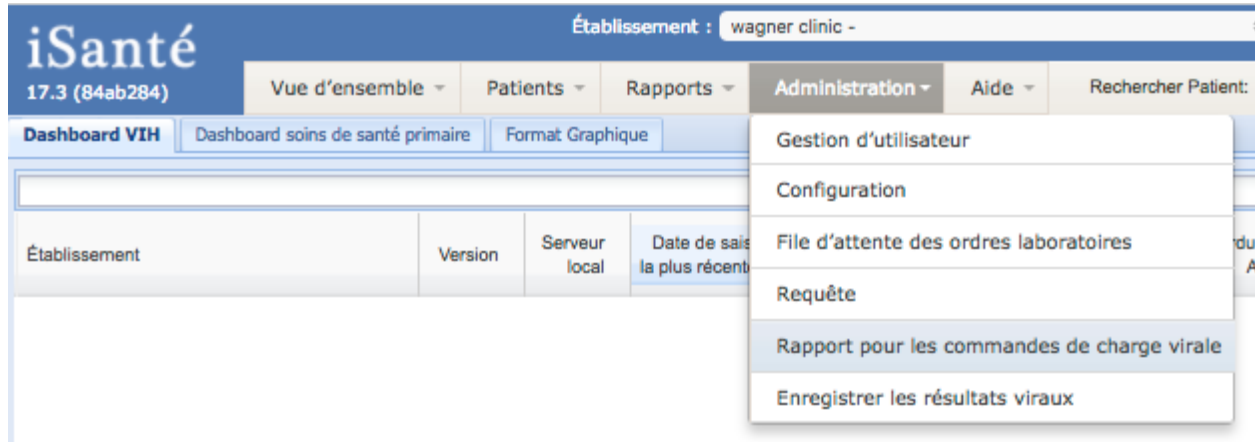
A. Specify the date range for the test samples. The report will only contain examples from the specified dates that have no results:

B. Choose the print button and save as PDF. Browsers have different PDF generation methods, see for example this URL for more details: https://www.isunshare.com/blog/how-to-save-and-print-a-web-page-to-pdf-in-browser/

Générer un rapport pour les commandes virales ouvertes

Fermer Impression

Date d'exécution:07-11-2017

Description

Ce rapport répertorie toutes les commandes de charge virale ouverte et de laboratoire de PCR entre les dates spécifiées.

Résultats

Date Range : 2001-01-01-2017-11-07

Fermer

NOM#	Médecin traitant Clinique	Commentaire de Patient	DDN	Sexe	#Séjour	Date de Prélevé	Test ID
999995	99999	1555	08/02/1980	F	99999619851	07/11/17	CVi-2
999996	99999	15222	03/12/2012	F	99999396423	03/05/17	CVi-1

C. Send the PDF to the LNSP.
D. Print the PDF and include it with the sample lot.

3. Load the result report from the LNSP

The load function expects a file in CSV format. If the received file is in Excel format, first convert it to CSV format from Excel. The header and footer information in the file is not used by iSanté and generates error records that can be ignored. The file format is as follows:

The paper requisition sample types will be retained in the iSanté sample type field and the SCC sample types will be added to the result report result comment.

The administrator must launch the received file in Excel, convert it from its native XLSX format to XLS, and then convert that file from XLS to CSV before loading the CSV file into iSanté.

The administrator calls the loading page from the Administration menu:

Navigate to the file to load:

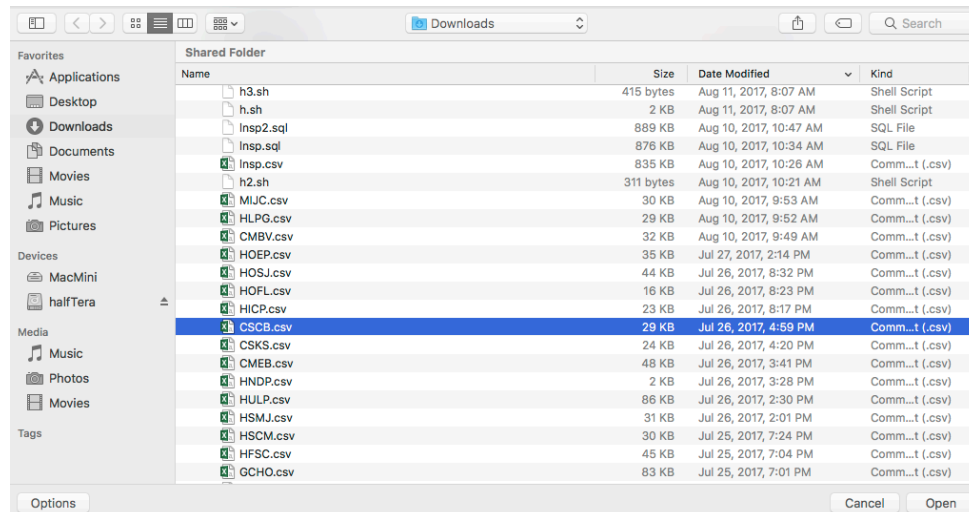Once the file has been selected, it will be downloaded and each of its records will be associated with an order and the results information will be applied. At the end, iSanté displays a dialog with statistics about the number of records loaded, records with duplicate or ambiguous information, and records not found.
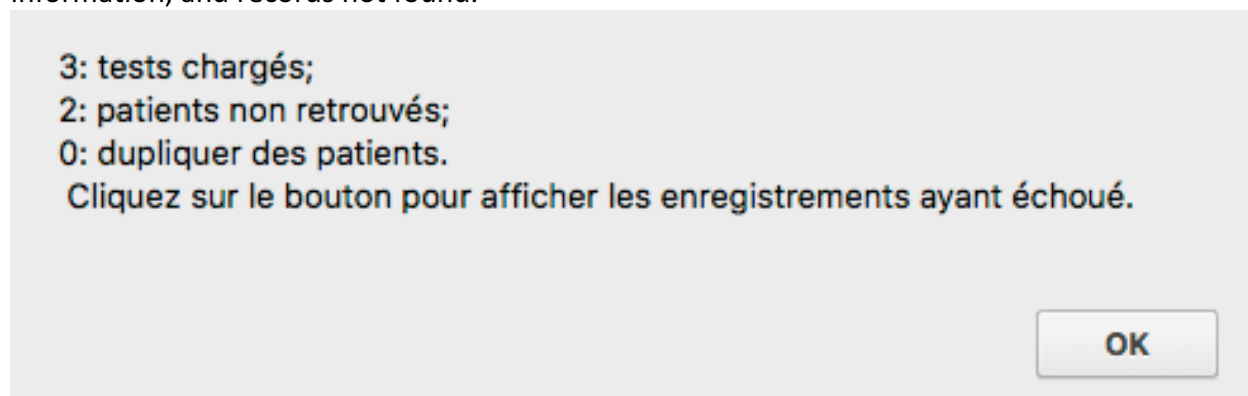
The details of the error records can be viewed via the error button. These can be copied and corrected or reported to the national laboratory, as appropriate:

Code Site	Code ST	collect Date	Resultat	Date Resultat	Remarque	Erreurs
1	2	3	4	5	6	Patient non trouvé
another	dummy	record				Patient non trouvé

Addition of two new indicators:

- Proportion of HIV + patients on HAART who received an assessment of their viral load at 6 months after the start of their treatment.
- Proportion of HIV + patients on HAART for more than 6 months with undetectable viral load

Correction of the following indicators:

- Proportion of HIV-exposed children aged 4 weeks to 12 months who received a diagnostic EID test during the analysis period
- Proportion of children exposed to HIV with a negative EID test during the analysis period
- Proportion of eligible HIV + patients on ART during the analysis period
- Proportion of HIV-infected pregnant women who received HAART during the analysis period
- Proportion of HIV + patients on HAART
- Proportion of HIV + patients on HAART retained at 12 months of treatment
- Proportion of HIV + patients on HAART who received an adherence assessment in the last 3 months
- Proportion of HIV + patients on HAART considered adherents during the analysis period

New definition and calculation method of discontinued patient status

Lost to follow up on HAART have a new selection criterion in the discontinuation form:

Raison d'arrêt, *préciser*

☐ Perte de contact avec le patient depuis plus de trois mois

    Si arrêt dû à la perte de contact avec le patient, y a-t-il eu un minimum de 3 visites à domicile afin d'assurer la continuité des services?

    ○ Oui ○ Non ○ Inconnu

A   *Si non, expliquer* [   ]

⬭ Transfert vers un autre établissement

    ○ Préférence du patient

    ○ Référence du médecin

B   Nom de l'établissement: [Alliance Santé de Borgne ▼]

⬭ Décès

    Cause présumée du décès: Date [🗓] JJ/MM/AA

    ○ Effets secondaires, *préciser* [   ]

    ○ Infection opportuniste, *préciser* [   ]

    ○ Autre cause, *préciser* [   ]

☐ Discontinuations, *préciser*

    ☐ ARVs non-disponibles

    ☐ Patient a déménagé

C   ⬭ Adhérence inadéquate   **A ou B ou C ne doivent pas etre coché**

    ⬭ Préférence du patient

    ☐ Autre raison, *préciser* [   ]

☐ Raison d'arrêt inconnue