

# **Packaging and Repackaging**

## **Boxes**

### **(RNTCP Drugs)**

This user manual provides the guidance for Packaging and Repackaging of Anti-TB drugs through Nikshay Aushadhi application. This online process of packaging/repackaging is designed as per the guidelines provided by RNTCP.

## **Process Overview**

Nikshay Aushadhi application allows user to process the boxes through online process. This process includes following:

- Box Preparation
- Box Completion
- Box Modification
- Box Unpacking

As per the guidelines by RNTCP, there are several standard categories for packaging of Anti-TB drugs, as follows:

- Regimens (such as Conventional MDR/XDR, Shorter MDR/XDR, H-Mono/Poly, INH, DST etc)
- Loose Drugs

And Weight Bands, such as

- Type A (16-29 kg, 30-45 kg etc)
- Type B (16-29 kg, 30-45 kg etc)

***The preparing/completion/modification/unpacking of boxes can be on SDS and DDS levels only.***

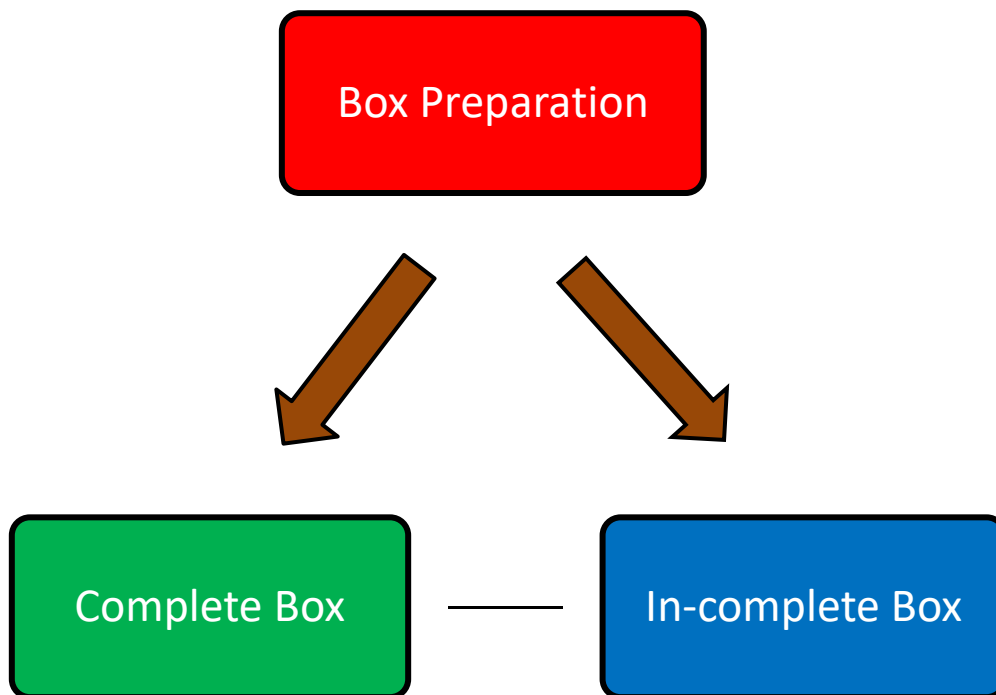
## **Box Preparation**

**Box Preparation Process:** This process is used to prepare/create a box of Anti-TB drugs (categorized as per RNTCP guidelines). The box can be prepared in following two ways:

- A Complete Box – Box including all the required drugs as per its regimen
- An Incomplete Box – Box with less number of drugs than required as per its regimen

*The Box preparation process can be done on SDS and DDS level only.*

*The following is a brief flowchart for box preparation process:*



**Diagram of Box Preparation**

*The user can issue both complete and incomplete boxes through the system. The incomplete box can be completed later when the remaining drug is available at the store, or the store can issue the incomplete box and the receiving store can also complete the box if the drug is available at their store, through box completion process.*

*In Nikshay Aushadhi application, the incomplete box is shown in “Blue” colour into the inventory.*

## Preparing a Complete Box:

The user can prepare a box through 'Box Preparation' process given in the system. A complete box is prepared when all the required drugs are added into the box. The user can follow the steps below to prepare the box in Nikshay Aushadhi.

Path: Services-> Packaging/Repackaging -> Box Preparation

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu Box Preparation

Box Preparation

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value

Go

Date and Time 04-Jul-2019/12:20:08

\*TB SubCategory Select Value

Select Value

- All Oral H Mono/Poly Regimen
- All Oral Longer Regimen for MDR/RR FQ Res or XDR TB
- ALI Oral MDR TB Regimen
- Conventional MDR TB Regimen
- Conventional XDR Regimen (2012)
- Delamanid
- DST-H mono/poly res to FQ/SLV/LZO
- DST-Modified MDR TB Regimen for Km res
- DST-Modified MDR TB Regimen for Lfx res
- DST-Regimen for MDR/RR res to FQ class
- DST-Regimen for XDR-TB
- DST-Regimen with newer drug for MDR/RR res to FQ class
- DST-Regimen with newer drug for XDR-TB
- DST-Regimen with or without newer drug for MDR/RR res to SLI class
- Loose\_Drugs
- Reconstitution-Bedaquiline
- Regimen for H mono/poly DRTB
- Shorter MDR TB Regimen

Save Clear Back

Recommended Batch Incomplete

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### Steps to be follow:

1. Go to 'Box Preparation' in Packaging/Repackaging
2. Select 'TB Subcategory' such as Conventional/Shorter/INH etc
3. Select the 'Weight Band' such as Type A or B with 16-29 kg, 30-45 kg etc

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Central Tuberculosis Division

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Task List Home Menu Box Preparation

Box Preparation

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value

Go

Date and Time 04-Jul-2019/12:20:08

\*TB SubCategory Conventional MDR TB Regimen

Select Value

- Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]
- Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2]
- Conventional MDR TB Regimen Type A (46 -70Kg) [CRA3]
- Conventional MDR TB Regimen Type A (>70Kg) [RRA4]
- Conventional MDR TB Regimen Type B(16-29Kg) [2CRB1]
- Conventional MDR TB Regimen Type B(30-45Kg) [CRB2]
- Conventional MDR TB Regimen Type B (46-70Kg) [RRB3]
- Conventional MDR TB Regimen Type B(>70kg) [2CRB4]

Back

Recommended Batch Incomplete

- Click on 'Go' button



- System will show the list of the required drugs for that particular regimen
- Enter the number of boxes to prepare in 'Box Preparation Quantity' field

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Task List Home Menu Box Preparation

Box Preparation

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A  
\*Box Preparation Qty: 2

Date and Time: 04-Jul-2019/12:20:08  
\*TB SubCategory: Conventional MDR TB Regimen  
Weight Band: 16-29  
Course Duration: 1 Months

Go

Drug Details

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  |           |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Recommended Batch ☐ Incomplete

Save Clear Back

- In Drug Detail table, the following information can be seen:
  - Name of the Drug
  - Strength
  - Required quantity of drug per box
  - Total required quantity (as per the box preparation quantity)
  - Available quantity (at the store)
  - Added quantity (by user)
- Select the drug from the checkbox
- System will show the details of the drug below, such as:
  - Strength,
  - Batch number,
  - Expiry date,
  - Available quantity

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Task List Home Menu **Box Preparation**

\*Box Preparation Qty | 2


Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Batch Details

| #                                   | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|--------------------------|----------|------------|-------------|---------|---|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | ECB57100A  | Aug/2020    | 14540   | 60  |
| <input type="checkbox"/>            | Cycloserine 250mg [PC24] | 250 MG   | CSP1805124 | May/2021    | 91640   |   |

Remarks(if any)

 Add

- As per the requirement of strength and expiry, select the batch and system will auto fill the quantity required as per the box preparation quantity.
- The required batch of near expiry date is highlighted in pink colour. This is to be noted that the **expiry date of the nearest expiry drug in the box will be the expiry date of the box itself**. That means the box will be considered expired when the nearest expiry drug gets expired.
- User can select any batch as per requirement. If user selects any other batch than recommended, the system will show the alert "You are going to add drug other than recommended".

Course Duration : 1 Months

\*Box Preparation Qty | 2

Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/>            | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input checked="" type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   | 60        |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Batch Details

| #                                   | Drug Name                 | Strength | Batch No. | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|---|
| <input type="checkbox"/>            | Levofloxacin 250mg [PC28] | 250 MG   | JK18502   | Aug/2020    | 8790    |   |
| <input checked="" type="checkbox"/> | Levofloxacin 250mg [PC28] | 250 MG   | JK18506   | Sep/2020    | 6940    | 60  |

**Box Preparation**

You Are Going To Add Drug Other Than Recommended!!

OK Cancel

- After selecting the batch, click on 'Add' button to add the drug to the box



14. The system will highlight the added drug into the table with green colour
15. User can select more drugs to add by repeating the process as shown above. To prepare a complete box, all the required drugs must be added into the box.

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Task List Home Menu **Box Preparation**

**Box Preparation**

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A  
\*Box Preparation Qty: 2

Date and Time: 04-Jul-2019/12:20:08  
\*TB SubCategory: Conventional MDR TB Regimen  
Weight Band: 16-29  
Course Duration: 1 Months

**Drug Details**

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Remarks (if any):

Save Clear Back

Recommended Batch Incomplete

### Adding drug from Multiple Strengths or Batches:

16. If user wants to add the drug of different strengths or from multiple batches, user can select the multiple records at a time and enter the quantity for them as per required.

Task List Home Menu **Box Preparation**

Course Duration: 1 Months

\*Box Preparation Qty: 17

**Drug Details**

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 510                | 14015   |           |
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 510                | 105560  | 510       |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 510                | 407406  |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 510                | 85780   |           |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 510                | 57980   |           |

**Batch Details**

| #                                   | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|--------------------------|----------|------------|-------------|---------|---|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | ECB57100A  | Aug/2020    | 14220   | 100   |
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | CSP1805124 | May/2021    | 91340   | 410   |

Add

17. When a drug is to be selected from multiple strength or batches, the following points to be taken into consideration by the user:

- The total quantity from all the selected batches must be equal to the total required quantity for the box. That means the quantity in 'Added Quantity' column must be equal to the quantity in 'Total Required Quantity' column.
- The quantity entered for each batch, must be in the multiple of the 'Box preparation quantity'.

For example if a total number of 17 boxes to be prepared and the total required quantity will be 510 (17X30) for a particular drug. Now if quantity for two different batches is entered as 100 and 410 respectively, then system will show an alert **"Quantity entered must be in the multiples of box preparation quantity"**. Although the total quantity entered is equal to the total quantity required, but since 100 and 410 quantity cannot be equally distributed in 17 boxes, so system is showing alert. The reason for this alert is that all the batches and quantities per box, must be identical in total prepared quantity of boxes.

***All the boxes prepared at a time must be identical.***

The screenshot shows the 'Box Preparation' window with a modal alert box in the center. The alert box has the title 'Box Preparation' and the message 'Quantity Entered must be In Multiples of Box Preparation Qty Entered'. There is an 'OK' button at the bottom right of the alert box. In the background, the 'Drug Details' table is visible with columns: #, Drug Name, Strength, Required Qty/Box, Total Required Qty, Avl Qty, and Added Qty. The 'Batch Details' table is also visible with columns: #, Drug Name, Strength, Batch No, Date, and To Be Added Qty. The 'Add' button is at the bottom center of the window.

18. When all the drugs are added into the box as per the required quantity, the system will highlight all of them in green.

The screenshot shows the 'Box Preparation' window with all drugs in the 'Drug Details' table highlighted in green. The 'Drug Details' table has columns: #, Drug Name, Strength, Required Qty/Box, Total Required Qty, Avl Qty, and Added Qty. The 'Batch Details' table is also visible with columns: #, Drug Name, Strength, Batch No, Date, and To Be Added Qty. The 'Add' button is at the bottom center of the window. The 'Remarks(if any)' field is at the bottom left. The 'Save', 'Clear', and 'Back' buttons are at the bottom right. The 'Recommended Batch' and 'Incomplete' status are at the bottom left.

19. Now enter the 'Remarks' if required and click on 'Save' button



20. The system will generate the voucher

21. User can save/print the voucher

  
102000121960011162

Conventional MDR TB Regimen



Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2]

Weight Band : 29-45

| S.No. | Drug Name                 | UOM | Strength(No.) | Batch No. | DOE      | No. Of Unit | Dosage Per Day |
|-------|---------------------------|-----|---------------|-----------|----------|-------------|----------------|
| 1     | Cycloserine 250mg [PC24]  | Cap | 250 MG        | ECB57100A | Aug/2020 | 60          | 2.00           |
| 2     | Ethambutol 400 mg [PC45]  | Tab | 400 MG        | A703915   | Jun/2020 | 60          | 2.00           |
| 3     | Ethionamide 250 mg [PC20] | Tab | 250 MG        | EEE1802A  | Aug/2021 | 60          | 2.00           |
| 4     | Levofloxacin 250mg [PC28] | Tab | 250 MG        | JK18502   | Aug/2020 | 90          | 3.00           |
| 5     | Pyridoxine 100mg [PC26]   | Tab | 100 MG        | EPA6803C  | Nov/2021 | 30          | 1.00           |

Lot No. : 1960011162

Total : 300

Date Of Expiry Of Box : Jun/2020

Store In Cool And Dark Place

Do Not Expose To Sunlight

SDS Himachal Pradesh  
Himachal Pradesh

The following details are provided on a voucher:

- Drug Name
- Unit of Measurement of the drug
- Strength of the drug (as per required in the box)
- Batch number
- Expiry Date
- Quantity or Number of units added
- Dosage per day (as required for the patient)

With the above information, the type of the box, weight band, the lot number, name of the issuing store etc are also given on the voucher.

*This is to be noted that the expiry date of the nearest expiry drug in the box will be the expiry of the box itself. That means the box will be considered expired when the nearest expiry drug gets expired.*



## Preparing an In-Complete Box:

The box is said incomplete when one or more required drugs are remaining (not added) into the box while preparation. A minimum number of one drug at least must be added to prepare a box. The user can prepare and issue the incomplete box in such cases where any of the required drugs is not available at the store or if any particular drug does not suit the patient and cannot be added into the box.

*Path: Services-> Packaging/Repackaging -> Box Preparation*

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Task List Home Menu Box Preparation x

Box Preparation

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value

Go

Date and Time 04-Jul-2019/12:20:08

\*TB SubCategory Select Value

Select Value

- All Oral H Mono/Poly Regimen
- All Oral Longer Regimen for MDR/RR FQ Res or XDR TB
- All Oral MDR TB Regimen
- Conventional MDR TB Regimen
- Conventional XDR Regimen (2012)
- Delamanid
- DST-H mono/poly res to FQ/SLI/LZD
- DST-Modified MDR TB Regimen for Km res
- DST-Modified MDR TB Regimen for Lfx res
- DST-Regimen for MDR/RR res to FQ class
- DST-Regimen for XDR-TB
- DST-Regimen with newer drug for MDR/RR res to FQ class
- DST-Regimen with newer drug for XDR-TB
- DST-Regimen with or without newer drug for MDR/RR res to SLI class
- Loose\_Drugs
- Reconstitution-Bedaquiline
- Regimen for H mono/poly DRTB
- Shorter MDR TB Regimen

Recommended Batch Incomplete

Save Clear Back

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Follow the steps below to prepare an incomplete box:

### Steps to be follow:

1. Go to 'Box Preparation' in Packaging/Repackaging
2. Select 'TB Subcategory' such as Conventional/Shorter/INH etc
3. Select the 'Weight Band' such as Type A or B with 16-29 kg, 30-45 kg etc

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Task List Home Menu Box Preparation x

Box Preparation

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value

Go

Date and Time 04-Jul-2019/12:20:08

\*TB SubCategory Conventional MDR TB Regimen

Select Value

- Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]
- Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2]
- Conventional MDR TB Regimen Type A (46-70Kg) [CRA3]
- Conventional MDR TB Regimen Type A (>70Kg) [RRA4]
- Conventional MDR TB Regimen Type B(16-29Kg) [2CRB1]
- Conventional MDR TB Regimen Type B(30-45Kg) [CRB2]
- Conventional MDR TB Regimen Type B (46-70Kg) [RRB3]
- Conventional MDR TB Regimen Type B(>70kg) [2CRB4]

Recommended Batch Incomplete

Back

FOR DEVELOPMENT OF ADVANCED COMPUTING Aushadhi is working in 36 States successfully. (For any query please contact)

- Click on 'Go' button



- System will show the list of the required drugs for that particular regimen
- Enter the number of boxes to prepare in 'Box Preparation Quantity' field

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Task List Home Menu Box Preparation

Box Preparation

\*Store Name SDS Himachal Pradesh  
TB Category Second Line Drug  
\*Drug/Box Name Conventional MDR TB Regimen Type A  
\*Box Preparation Qty 2

Date and Time 04-Jul-2019/12:20:08  
\*TB SubCategory Conventional MDR TB Regimen  
Weight Band : 16-29  
Course Duration : 1 Months

Go

Drug Details

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  |           |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Recommended Batch ☐ Incomplete

Save Clear Back

- In Drug Detail table, the following information can be seen:
  - Name of the Drug
  - Strength
  - Required quantity of drug per box
  - Total required quantity (as per the box preparation quantity)
  - Available quantity (at the store)
  - Added quantity (by user)
- Select the drug from the checkbox
- System will show the details of the drug below, such as:
  - Strength,
  - Batch number,
  - Expiry date,
  - Available quantity

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Task List Home Menu **Box Preparation** ×

\*Box Preparation Qty 2

Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Batch Details

| #                                   | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|--------------------------|----------|------------|-------------|---------|---|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | ECB57100A  | Aug/2020    | 14540   | 60  |
| <input type="checkbox"/>            | Cycloserine 250mg [PC24] | 250 MG   | CSP1805124 | May/2021    | 91640   |   |

+ Add

Remarks(if any)

- As per the requirement of strength and expiry, select the batch and system will auto fill the quantity required as per the box preparation quantity.
- The required batch of near expiry date is highlighted in pink colour. This is to be noted that the **expiry date of the nearest expiry drug in the box will be the expiry date of the box itself**. That means the box will be considered expired when the nearest expiry drug gets expired.
- User can select any batch as per requirement. If user selects any other batch than recommended, the system will show the alert "You are going to add drug other than recommended".

\*Box Preparation Qty 2

Course Duration : 1 Months

Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/>            | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input checked="" type="checkbox"/> | Levofloxacin Lfx |          |                  | 60                 | 58130   | 60        |
| <input type="checkbox"/>            | Pyridoxine       |          |                  | 60                 | 14100   |           |
| <input type="checkbox"/>            | Ethionamide Eto  |          |                  | 60                 | 85960   |           |
| <input type="checkbox"/>            | Ethambutol E     |          |                  | 60                 | 413144  |           |

Batch Details

| #                                   | Drug Name                 | Strength | Batch No. | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|---|
| <input type="checkbox"/>            | Levofloxacin 250mg [PC28] | 250 MG   | JK18502   | Aug/2020    | 6790    |   |
| <input checked="" type="checkbox"/> | Levofloxacin 250mg [PC28] | 250 MG   | JK18506   | Sep/2020    | 6940    | 60  |

**Box Preparation**

You Are Going To Add Drug Other Than Recommended!!

OK Cancel

- After selecting the batch, click on 'Add' button to add the drug to the box



14. The system will highlight the added drug into the table with green colour
15. User can select more drugs to add by repeating the process as shown above.

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Central Tuberculosis Division

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Task List Home Menu **Box Preparation**

**Box Preparation** View

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A Go  
\*Box Preparation Qty: 2

Date and Time: 04-Jul-2019/12:20:08  
\*TB SubCategory: Conventional MDR TB Regimen  
Weight Band : 16-29  
Course Duration : 1 Months

**Drug Details**

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   |           |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Remarks(if any)

Save Clear Back

Recommended Batch ☐ Incomplete

### Adding drug from Multiple Strengths or Batches:

16. If user wants to add the drug of different strengths or from multiple batches, user can select the multiple records at a time and enter the quantity for them as per required.

Task List Home Menu **Box Preparation**

Course Duration : 1 Months

\*Box Preparation Qty: 17

**Drug Details**

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 510                | 14015   |           |
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 510                | 105560  | 510       |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 510                | 407406  |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 510                | 85780   |           |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 510                | 57980   |           |

**Batch Details**

| #                                   | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty<br>(In Multiples Of Box Preparation Qty) |
|-------------------------------------|--------------------------|----------|------------|-------------|---------|--|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | ECB57100A  | Aug/2020    | 14220   | 100  |
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24] | 250 MG   | CSP1805124 | May/2021    | 91340   | 410  |

Add

17. When a drug is to be selected from multiple strength or batches, the following points to be taken into consideration by the user:

- The total quantity from all the selected batches must be equal to the total required quantity for the box. That means the quantity in 'Added Quantity' column must be equal to the quantity in 'Total Required Quantity' column.
- The quantity entered for each batch, must be in the multiple of the 'Box preparation quantity'.

***All the boxes prepared at a time must be identical.***

The screenshot shows the 'Box Preparation' window with a modal message box that reads: "Quantity Entered must be In Multiples of Box Preparation Qty Entered". The background table lists drugs and their quantities.

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input checked="" type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   | 60        |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   |           |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

18. The system will highlight the added drugs in green.

The screenshot shows the 'Box Preparation' window with the following details:

- Store Name: SDS Himachal Pradesh
- TB Category: Second Line Drug
- Drug/Box Name: Conventional MDR TB Regimen Type A
- Box Preparation Qty: 2
- Date and Time: 04-Jul-2019/12:31:03
- TB SubCategory: Conventional MDR TB Regimen
- Weight Band: 16-29
- Course Duration: 1 Months

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|-----------|
| <input checked="" type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 106180  | 60        |
| <input checked="" type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 58130   | 60        |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14100   |           |
| <input checked="" type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85960   | 60        |
| <input type="checkbox"/>            | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 413144  |           |

Remarks(if any):

Buttons: Save, Clear, Back

Recommended Batch: ☐ Incomplete

19. Now enter the 'Remarks' if required and click on 'Save' button




20. The system will generate the voucher

21. User can save/print the voucher

  
102000111960011161

Conventional MDR TB Regimen



Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]  
Weight Band : 16-29

| S.No. | Drug Name                 | UOM | Strength(No.) | Batch No. | DOE      | No. Of Unit | Dosage Per Day |
|-------|---------------------------|-----|---------------|-----------|----------|-------------|----------------|
| 1     | Cycloserine 250mg [PC24]  | Cap | 250 MG        | ECB57100A | Aug/2020 | 30          | 1.00           |
| 2     | Ethionamide 250 mg [PC20] | Tab | 250 MG        | EEE1802A  | Aug/2021 | 60          | 2.00           |
| 3     | Levofloxacin 250mg [PC28] | Tab | 250 MG        | JK18502   | Aug/2020 | 30          | 1.00           |

Lot No. : 1960011161  
Date Of Expiry Of Box : Aug/2020

Total : 120

Incomplete/Remaining Drugs

| S.No. | Drug Name    | UOM | Strength(No.) | Req Qty Per Box. | Avl Qty Per Box. | Remaining Qty |
|-------|--------------|-----|---------------|------------------|------------------|---------------|
| 1     | Ethambutol E | Tab | 400 MG        | 30               | 0                | 30            |
| 2     | Pyridoxine   | Tab | 50 MG         | 30               | 0                | 30            |

Store In Cool And Dark Place  
Not Expose To Sunlight

SDS Himachal Pradesh  
Himachal Pradesh

The data in the voucher is divided into two parts mainly:

- Added drugs details
- Incomplete / Remaining drugs details

The following details are given on the voucher:

- Drug Name
- Unit of Measurement of the drug
- Strength of the drug (as per required in the box)
- Batch number
- Expiry Date
- Quantity or Number of units added
- Dosage per day (as required for the patient)

With the above information, the type of the box, weight band, the lot number, name of the issuing store etc are also given on the voucher.

*This is to be noted that the expiry date of the nearest expiry drug in the box will be the expiry of the box itself. That means the box will be considered expired when the nearest expiry drug gets expired.*



### Incomplete box in drug inventory:

In Nikshay Aushadhi application, the incomplete box is shown in “Blue” colour into the drug inventory.

To view all available incomplete boxes in the store inventory, follow the steps below:

- Go to ‘Drug Inventory View’ in Stock Management
- Select the ‘Stock Status’ as ‘In-Complete’
- The system will show all the incomplete boxes available at the store inventory in blue colour
- To search a particular box, enter the name of the box in search bar and system will show the records with similar matches

The screenshot displays the 'Drug Inventory View' interface of the Nikshay Aushadhi application. The header includes the application name 'NIKSHAY AUSHADHI', the division 'Central Tuberculosis Division', and a welcome message 'Welcome, Sds Himachal Pradesh'. The navigation bar shows 'Task List', 'Home Menu', and 'Drug Inventory View'. The main content area features filters for 'Store Name' (SDS Himachal Pradesh), 'Group Name' (All), and 'Stock Status' (In-Complete). A 'Report' button is also present. Below the filters is a table with 10 columns: Drug Name, Batch No., Pack Size, Quantity In Hand, Rate/Unit, Expiry Date, and Rack No. The table lists 17 entries, all of which are highlighted in blue, indicating they are incomplete boxes. The footer shows 'Showing 1 to 10 of 17 entries' and a legend for various status colors: Near Expiry (yellow), Inactive (light green), Quantity < Reorder Level (green), Expired (pink), and Incomplete Box (blue).

| Drug Name  | Batch No.  | Pack Size | Quantity In Hand | Rate/Unit | Expiry Date | Rack No. |
|--|------------|-----------|------------------|-----------|-------------|----------|
| INH Mono/Poly Regimen Type A (46-70kg) [2HRA3]       | 1960018156 | PWB       | 20 PWB           | 0.0000/-  | 30-Jun-2020 | -        |
| Conventional MDR TB Regimen Type A (46-70kg) [CRA3]  | 1960018132 | No        | 18 No            | 0.0000/-  | 29-May-2021 | -        |
| Conventional MDR TB Regimen Type A (46-70kg) [CRA3]  | 1960018131 | No        | 31 No            | 0.0000/-  | 29-May-2021 | -        |
| INH Mono/Poly Regimen Type A (30-45 Kg) [2HRA2]      | 1960018151 | PWB       | 20 PWB           | 0.0000/-  | 30-Jun-2020 | -        |
| Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2] | 1960018126 | No        | 49 No            | 0.0000/-  | 14-Sep-2020 | -        |
| Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2] | 1960018125 | No        | 1 No             | 0.0000/-  | 31-Aug-2020 | -        |
| Conventional MDR TB Regimen Type A (46-70kg) [CRA3]  | 1960018127 | No        | 1 No             | 0.0000/-  | 31-Aug-2020 | -        |
| Shorter MDR TB Regimen Type A (30-45 Kg) [2SRA2]     | 1960015257 | No        | 94 No            | 0.0000/-  | 31-Mar-2020 | -        |
| Shorter MDR TB Regimen Type A (46-70kg) [2SRA3]      | 1960015256 | No        | 90 No            | 0.0000/-  | 31-Mar-2020 | -        |
| INH Mono/Poly Regimen Type A (46-70kg) [2HRA3]       | 1960015259 | PWB       | 9 PWB            | 0.0000/-  | 30-Apr-2020 | -        |

## View the Prepared Boxes:

To view the boxes prepared from system, follow the steps below:

1. Go to 'Box Preparation'
2. Click on 'View' on top right corner



3. Select 'Entry from date' and 'Entry to date' and click on 'Go'



4. System will show the records of all the boxes prepared in this duration

| #                     | Prepared Date | Drug/Box Name  | Batch No.  | Expiry Date | Stock Status | Prepared Qty. | #                                |
|-----------------------|---------------|--|------------|-------------|--------------|---------------|----------------------------------|
| <input type="radio"/> | 01-Jul-2019   | Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] | 1960011157 | 30-Jun-2020 | Active       | 10            | <input checked="" type="radio"/> |
| <input type="radio"/> | 04-Jul-2019   | Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] | 1960011161 | 20-Aug-2020 | InComplete   | 2             | <input checked="" type="radio"/> |
| <input type="radio"/> | 04-Jul-2019   | Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2] | 1960011162 | 30-Jun-2020 | Active       | 1             | <input checked="" type="radio"/> |

5. The complete boxes will show as 'Active' and incomplete boxes will show as 'Incomplete' in box status column
6. Select any record to view the details of the box

| #                                | Drug Name        | Strength | Req Qty Per Box | Avl Qty Per Box | Remaining Qty |
|----------------------------------|------------------|----------|-----------------|-----------------|---------------|
| <input checked="" type="radio"/> | Cycloserine Cs   | 250 MG   | 30              | 30              | 0             |
| <input type="radio"/>            | Ethambutol E     | 400 MG   | 30              | 0               | 30            |
| <input type="radio"/>            | Ethionamide Eto  | 375 MG   | 30              | 30              | 0             |
| <input type="radio"/>            | Levofloxacin Lfx | 250 MG   | 30              | 30              | 0             |
| <input type="radio"/>            | Pyridoxine       | 50 MG    | 30              | 0               | 30            |

7. Select a particular drug to view the drug details
8. Click on 'V' to view the box voucher



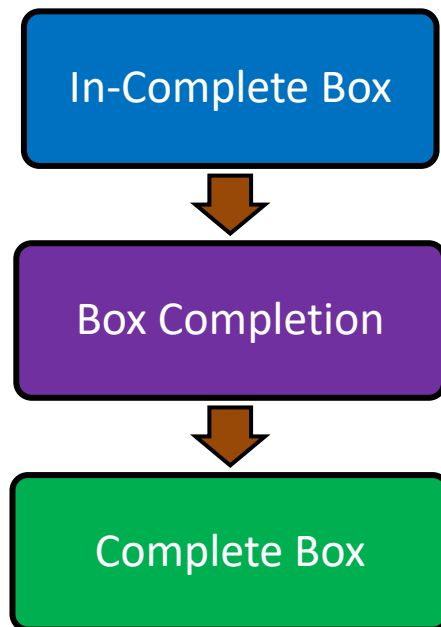
## **Box Completion**

**Box Completion Process:** An incomplete box can be completed through box completion process. The box can be completed in following cases:

- If the drugs are available later at the store, (before further issuing the box)
- If the child (receiving) store has the remaining drug available at their store

*The Box completion process can be done on SDS and DDS level only.*

*The following is a brief flowchart for box completion process:*



**Diagram of Box Preparation**

Nikshay Aushadhi application allows user to complete the box as per the availability of the remaining drugs at their store. That means the user can add one drug which is available at the moment and save the box, then he can add the remaining drugs later whenever they will be available at the store. The system will show the incomplete box in Box Completion process until all the remaining drugs are added into the box and the box gets completed.

Path: Services-> Packaging/Repackaging -> Box Preparation -> Box Completion

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Task List Home Menu Box Completion x

Box Completion View

\*Store Name SDS Himachal Pradesh Date and Time 05-Jul-2019/11:35:05

TB Category Second Line Drug \*TB SubCategory Conventional MDR TB Regimen

\*Drug/Box Name Select Value \*Batch Select Value

Select Value

Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] Back

Recommended Batch

**Steps to be follow:**

1. Go to 'Box Completion' in Packaging/Repackaging
2. Select 'TB Subcategory' of the incomplete box prepared online
3. The system will show the weight band/Drug name of only those boxes which are incomplete in the inventory

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Task List Home Menu Box Completion x

Box Completion View

\*Store Name SDS Himachal Pradesh Date and Time 05-Jul-2019/11:35:05

TB Category Second Line Drug \*TB SubCategory Conventional MDR TB Regimen

\*Drug/Box Name Select Value \*Batch Select Value

Select Value

Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] Back

Recommended Batch

4. Select the box name/weight band and batch
5. The details of incomplete box will be shown below
6. In this drug detail table, the following information will be shown:
  - Drug Name
  - Strength
  - Required quantity per box
  - Total required quantity
  - Available quantity

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Task List Home Menu **Box Completion**

**Box Completion** View

\*Store Name: SDS Himachal Pradesh  
 TB Category: Second Line Drug  
 \*Drug/Box Name: Conventional MDR TB Regimen Type A  
 \*Box Preparation Qty: 2

Date and Time: 05-Jul-2019/11:35:05  
 \*TB SubCategory: Conventional MDR TB Regimen  
 \*Batch: 1960011161  
 Weight Band : 16-29  
 Course Duration : 1 Months

**Drug Details**

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Previous Added Qty Per Box | Remaining Qty Per Box | Total Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|----------------------------|-----------------------|-----------------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 105560  | 30                         | 0                     |                 |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 407406  | 0                          | 30                    |                 |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85780   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 57980   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14015   | 0                          | 30                    |                 |

Save Clear Back

Recommended Batch

7. Following three more columns are also provided for the information about already added quantity and to be added quantity:

- Previously added quantity per box – In this column, the quantity of already added drugs (existing drugs) are shown
- Remaining quantity – In this column, the quantity of remaining drugs to be added are shown
- Total added quantity – In this column, the total quantity added by the user is shown

**Drug Details**

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Previous Added Qty Per Box | Remaining Qty Per Box | Total Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|----------------------------|-----------------------|-----------------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 105560  | 30                         | 0                     |                 |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 407406  | 0                          | 30                    |                 |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85780   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 57980   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14015   | 0                          | 30                    |                 |

8. To identify the remaining/incomplete drugs in the box, the user can check for following:

- For already added drugs, the system will show quantity in 'previously added column' and will show 'zero' quantity in 'Remaining Qty column'. It is to be noted here that in previously added quantity column, the quantity per box is shown
- For remaining/incomplete drugs, system will show 'zero' quantity in 'previously added column' and will show 'to be added' quantity (30) in 'Remaining Qty column'
- The total to be added quantity must be equal to the remaining quantity

9. Select any of the remaining drug and the batch details will be shown below

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Task List Home Menu Box Completion x

\*Drug/Box Name Conventional MDR TB Regimen Type A

\*Batch 1960011161

\*Box Preparation Qty 2

Weight Band : 16-29  
Course Duration : 1 Months

Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Previous Added Qty Per Box | Remaining Qty Per Box | Total Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|----------------------------|-----------------------|-----------------|
| <input type="checkbox"/>            | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 105560  | 30                         | 0                     |                 |
| <input checked="" type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 407406  | 0                          | 30                    |                 |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85780   | 30                         | 0                     |                 |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 57980   | 30                         | 0                     |                 |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14015   | 0                          | 30                    |                 |

Batch Details

| #                        | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|--------------------------|--------------------------|----------|------------|-------------|---------|---|
| <input type="checkbox"/> | Ethambutol 400 mg [PC45] | 400 MG   | A703915    | Jun/2020    | 984     |   |
| <input type="checkbox"/> | Ethambutol 400 mg [PC45] | 400 MG   | C21E018003 | Jul/2021    | 18200   |   |
| <input type="checkbox"/> | Ethambutol 400 mg [PC45] | 400 MG   | UTT601     | Aug/2021    | 4660    |   |
| <input type="checkbox"/> | Ethambutol 400 mg [PC45] | 400 MG   | UTT604     | Aug/2021    | 5340    |   |
| <input type="checkbox"/> | Ethambutol 100mg [PC48]  | 100 MG   | FFB2803A   | Mar/2022    | 7460    |   |

+ Add

FOR DEVELOPMENT OF ADVANCED COMPUTING Nikshay / Friday, 05-Jul-20

10. Select the batch and system will auto fill the required quantity

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Central Tuberculosis Division

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Task List Home Menu Box Completion x

\*Drug/Box Name Conventional MDR TB Regimen Type A

\*Batch 1960011161

\*Box Preparation Qty 2

Weight Band : 16-29  
Course Duration : 1 Months

Drug Details

| #                                   | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Previous Added Qty Per Box | Remaining Qty Per Box | Total Added Qty |
|-------------------------------------|------------------|----------|------------------|--------------------|---------|----------------------------|-----------------------|-----------------|
| <input type="checkbox"/>            | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 105560  | 30                         | 0                     |                 |
| <input checked="" type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 407406  | 0                          | 30                    | 60              |
| <input type="checkbox"/>            | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85780   | 30                         | 0                     |                 |
| <input type="checkbox"/>            | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 57980   | 30                         | 0                     |                 |
| <input type="checkbox"/>            | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14015   | 0                          | 30                    |                 |

Batch Details

| #                                   | Drug Name                | Strength | Batch No.  | Expiry Date | Avl Qty | To Be Added Qty (In Multiples Of Box Preparation Qty) |
|-------------------------------------|--------------------------|----------|------------|-------------|---------|---|
| <input checked="" type="checkbox"/> | Ethambutol 400 mg [PC45] | 400 MG   | A703915    | Jun/2020    | 984     | 60  |
| <input type="checkbox"/>            | Ethambutol 400 mg [PC45] | 400 MG   | C21E018003 | Jul/2021    | 18200   |   |
| <input type="checkbox"/>            | Ethambutol 400 mg [PC45] | 400 MG   | UTT601     | Aug/2021    | 4660    |   |
| <input type="checkbox"/>            | Ethambutol 400 mg [PC45] | 400 MG   | UTT604     | Aug/2021    | 5340    |   |
| <input type="checkbox"/>            | Ethambutol 100mg [PC48]  | 100 MG   | FFB2803A   | Mar/2022    | 7460    |   |

+ Add

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11. To select drugs from multiple strength or batches, select multiple batches and enter the quantity (repeat the process as described above in box preparation)

## Adding remaining drugs as per their availability:

- It is not required for the user to add all the remaining drugs at once to complete the box. Nikshay Aushadhi application allows user to add the remaining drugs later whenever the drugs are available in the store inventory.
- In such a case where three drugs are remaining (to be added) into a box and the user has only two drugs available at the time. In this scenario, the user can add the two drugs into the box which are available at the time and save the data. After some time when the remaining third drug gets available at the store, the user can repeat this process to complete box by adding the third drug.
- The incomplete box will be showing in 'box completion' process until all the drugs added into the box. This is to be noted that the box will only be completed when all the required drugs will be added into the box.

12. Click on 'Add' button to add the drug to the box



13. The system will highlight the added drug in green colour

Box Completion

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A  
\*Box Preparation Qty: 2

Date and Time: 05-Jul-2019/11:35:05  
\*TB SubCategory: Conventional MDR TB Regimen  
\*Batch: 1960011161  
Weight Band: 16-29  
Course Duration: 1 Months

Drug Details

| #                        | Drug Name        | Strength | Required Qty/Box | Total Required Qty | Avl Qty | Previous Added Qty Per Box | Remaining Qty Per Box | Total Added Qty |
|--------------------------|------------------|----------|------------------|--------------------|---------|----------------------------|-----------------------|-----------------|
| <input type="checkbox"/> | Cycloserine Cs   | 250 MG   | 30 Cap           | 60                 | 105560  | 30                         | 0                     |                 |
| <input type="checkbox"/> | Ethambutol E     | 400 MG   | 30 Tab           | 60                 | 407406  | 0                          | 30                    | 60              |
| <input type="checkbox"/> | Ethionamide Eto  | 375 MG   | 30 Tab           | 60                 | 85780   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Levofloxacin Lfx | 250 MG   | 30 Tab           | 60                 | 57980   | 30                         | 0                     |                 |
| <input type="checkbox"/> | Pyridoxine       | 50 MG    | 30 Tab           | 60                 | 14015   | 0                          | 30                    | 60              |

\*Remarks (if any)

Save Clear Back

Recommended Batch

14. If user selects a drug which is already added into the box and enters the quantity to add, then system will show such an alert **“Total to be added quantity must be equal to the remaining quantity for the drug”**.

The screenshot shows a table with columns: #, Drug Name, Strength, Required Qty/Box, Total Required Qty, Avl Qty, Previous Added Qty Per Box, Remaining Qty Per Box, and Total Added Qty. The table lists several drugs including Cycloserine Cs, Ethambutol E, Ethionamide Eto, Levofloxacin Lfx, and Pyridoxine. A modal alert box titled "Box Preparation SLD" is displayed over the table, containing the text: "Total To Be Added Qty[60] must Be Equal to Remaining Qty[0] for Drug : Cycloserine Cs and Strength [250 MG]". An "OK" button is at the bottom right of the modal.

15. Click on 'Save' button

16. System will generate the voucher

17. The user can Save/Print the voucher



The screenshot shows a generated voucher for a "Conventional MDR TB Regimen". It includes a barcode with the number 102000111960011164. The text "Weight Band : 16-29" is displayed. Below this is a table with 8 columns: S.No., Drug Name, UOM, Strength(No.), Batch No., DOE, No. Of Unit, and Dosage Per Day. The table lists 5 drugs: Cycloserine 250mg [PC24], Ethambutol 400 mg [PC45], Ethionamide 250 mg [PC20], Levofloxacin 250mg [PC28], and Pyridoxine 100mg [PC26]. At the bottom, it shows "Lot No. : 1960011164", "Date Of Expiry Of Box : Jun/2020", and "Total : 180". The text "Store In Cool And Dark Place" and "Do Not Expose To Sunlight" is also present. The logo of "SDS Himachal Pradesh" is in the bottom right corner.

The following details are provided on a voucher:

- Drug Name
- Unit of Measurement of the drug
- Strength of the drug (as per required in the box)
- Batch number
- Expiry Date
- Quantity or Number of units added
- Dosage per day (as required for the patient)

With the above information, the type of the box, weight band, the lot number, name of the issuing store etc are also given on the voucher.

*This is to be noted that the expiry date of the nearest expiry drug in the box will be the expiry of the box itself. That means the box will be considered expired when the nearest expiry drug gets expired.*

### View the Completed Boxes:

To view the boxes completed from system, follow the steps below:

1. Go to 'Box Completion'
2. Click on 'View' on top right corner



3. Select 'Entry from date' and 'Entry to date' and click on 'Go'



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Central Tuberculosis Division

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Task List Home Menu Box Completion x

Box Re-constitution SLD View

\*Store Name SDS Himachal Pradesh Date and Time 05-Jul-2019/12:22:46

TB Category Second Line Drug \*TB SubCategory All

\*Entry From Date 01-Jun-2019 \*Entry to date 05-Jul-2019

Go

Clear Cancel

4. System will show the records of all the boxes completed in this duration
5. Select any record to view the details of the box

Box Details

| # | Prepared Date | Drug/Box Name  | Batch No.  | Expiry Date | Stock Status | Prepared Qty. | # |
|---|---------------|--|------------|-------------|--------------|---------------|---|
| 1 | 05-Jul-2019   | Conventional MDR TB Regimen Type A (16-20 Kg) [RRA1] | 1960011164 | 30-Jun-2020 | Active       | 2             | 1 |

Drug Details

| # | Drug Name        | Strength | Req Qty Per Box. | Total Req Qty. | Avl Qty Per Box. | Total Avl Qty. | Remaining Qty |
|---|------------------|----------|------------------|----------------|------------------|----------------|---------------|
| 1 | Cycloserine Cs   | 250 MG   | 30               | 60             | 30               | 60             | 0             |
| 2 | Ethambutol E     | 400 MG   | 30               | 60             | 30               | 60             | 0             |
| 3 | Ethionamide Eto  | 375 MG   | 30               | 60             | 30               | 60             | 0             |
| 4 | Levofloxacin Lfx | 250 MG   | 30               | 60             | 30               | 60             | 0             |
| 5 | Pyridoxine       | 50 MG    | 30               | 60             | 30               | 60             | 0             |

Batch Details

| S.No. | Drug Name                | Strength | Batch No. | Expiry Date | Avl Qty Per Box. |
|-------|--------------------------|----------|-----------|-------------|------------------|
| 1     | Cycloserine 250mg [PC24] | 250 MG   | ECB57100A | Aug/2020    | 30               |

Clear Cancel

6. Select a particular drug to view the drug details
7. Click on 'V' to view the box voucher



## **Box Modification**

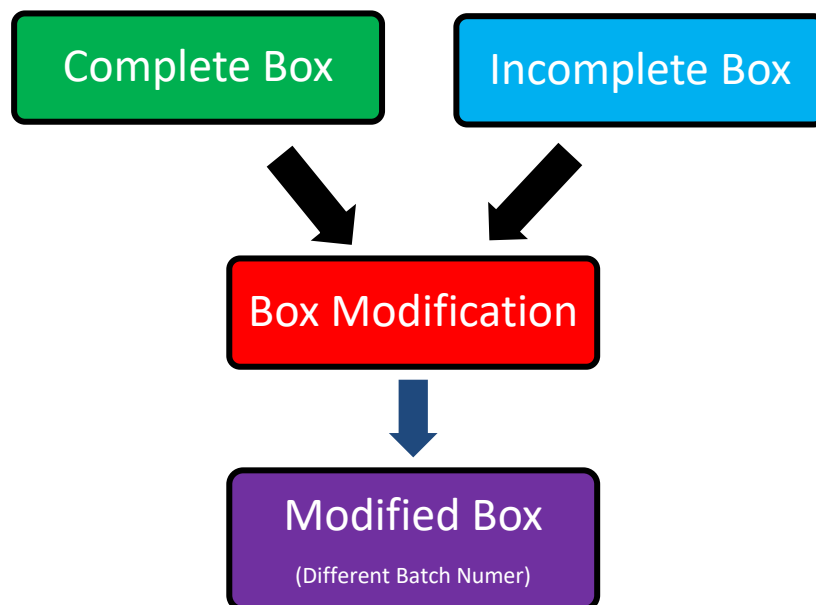
**Box Modification Process:** The box modification allows user to add any new drug and remove any existing drugs from the box. A box becomes a different (modified) box after modification. The box can be modified in following ways:

- **Modifying a complete box:** A box which is prepared complete (with all drugs added) can be modified by removing any existing drugs and adding any new drug in place.
- **Modifying an incomplete box:** An incomplete box can be modified by adding new drugs or removing any existing drugs.

This is to be noted that each box which is modified, becomes a different box than the original with a different batch (lot) number.

*The Box modification process can be done on SDS and DDS level only.*

*The following is a brief flowchart for box modification process:*



**Diagram of Box Modification**

Nikshay Aushadhi application allows user to *modify* the box multiple times (less or equal to the box prepared quantity) or as per the availability of the any new drugs to add. That means if 5 boxes to be modified, the user can modify the boxes in any number from 1 to 5. Each time after modification, the new batch number will be given to the modified box.



Path: Services-> Packaging/Repackaging -> Box Modification -> Box Modification

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu Box Modification x

Box Modification View

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value Go

Select Value

- Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]
- Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2]
- Conventional MDR TB Regimen Type A (46 -70kg) [CRA3]
- Conventional MDR TB Regimen Type A (>70kg) [RRA4]
- Conventional MDR TB Regimen Type B(16-29kg) [2CRB1]
- Conventional MDR TB Regimen Type B(30-45kg) [CRB2]
- Conventional MDR TB Regimen Type B (46-70kg) [RRB3]
- Conventional MDR TB Regimen Type B(>70kg) [2CRB4]

Recommended Batch

FOR DEVELOPMENT OF ADVANCED COMPUTING. *It is working in 36 States successfully. (For any query please contact IT CELL NO - 7838811596, 9711951166)* Monday, 26-Aug-2019

**Steps to be follow:**

1. Go to 'Box Modification' in Packaging/Repackaging
2. Select TB Subcategory and Box name (weight band) to modify.
3. Click on GO button.



4. The system will show the details of all the available boxes in the inventory.
5. Batch number, Expiry Date, Stock Quantity and Stock Status are shown in the details.
6. The user can modify Complete (Active) and In-complete box both.

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu Box Modification x

Box Modification View

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Conventional MDR TB Regimen Type A Go

Date and Time 26-Aug-2019/09:37:04

\*TB SubCategory Conventional MDR TB Regimen

Batch Details

| #                        | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|--------------------------|------------|-----------------|-------------|------------|--------------|
| <input type="checkbox"/> | 1960011157 | --              | Jun/2020    | 1231       | Active       |
| <input type="checkbox"/> | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/> | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/> | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/> | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/> | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |

Recommended Batch

Save Clear Back

7. Select any box to modify.
8. The system will show the details of drugs in that box below.
9. User can choose any quantity less or equals to box prepared quantity to modify the box.

**NIKSHAY AUSHADHI**  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu **Box Modification** View

**Box Modification**

\*Store Name: SDS Himachal Pradesh  
 TB Category: Second Line Drug  
 \*Drug/Box Name: Conventional MDR TB Regimen Type A  
 Date and Time: 26-Aug-2019/09:38:16  
 \*TB SubCategory: Conventional MDR TB Regimen

**Batch Details**

| #                                   | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|-------------------------------------|------------|-----------------|-------------|------------|--------------|
| <input checked="" type="checkbox"/> | 1960011157 | --              | Jun/2020    | 1231       | Active       |
| <input type="checkbox"/>            | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/>            | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/>            | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/>            | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/>            | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |

**Drug Details**

No. of Boxes to be Unpacked: 1231

| Remove                              | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Available Quantity While Unpacking |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|------------------------------------|
| <input checked="" type="checkbox"/> | Ethambutol 400 mg [PC45]  | 400 MG   | A703915   | Jun/2020    | 30 Tab  | 36930                              |
| <input type="checkbox"/>            | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    |         |                                    |
| <input type="checkbox"/>            | Ethionamide 250 mg [PC20] | 250 MG   | EEE1803A  | Aug/2021    |         |                                    |

**New Drug Details**

| Drug Name | Batch No. | Strength | Expiry Date | Set Qty | Avl qty | Added qty | Action |
|-----------|-----------|----------|-------------|---------|---------|-----------|--------|
|-----------|-----------|----------|-------------|---------|---------|-----------|--------|

FOR DEVELOPMENT OF ADVANCED COMPUTING . (For any query please contact IT CELL NO - 7838811596, 9711951160, 7982955789). Monday, 26-Aug-2019

### Modifying the box as per requirement:

- The user can modify the box in less number of quantities than the box preparation quantity.
- That means if the total of 100 boxes are prepared, then user can modify the box in any number of quantity from 1 to 100.
- In modifying the box, if user modifies less number of boxes than prepared, then the modified boxes will show as 'modified' in the inventory with different lot number. Then user can modify the remaining boxes as per requirement later.
- A modified box is different box than the original box. In inventory it is named as 'modified' and the batch number is changed.

Task List / Home Menu / Box Modification x / Drug Inventory View x

**Drug Inventory**

Store Name: SDS Himachal Pradesh Group Name: All

Stock Status: All

Report

Show 10 entries

| Drug Name  | Batch No.  | Pack Size  | Quantity In Hand | Rate/Unit  | Expiry Date | Rack No. |
|--|------------|------------|------------------|------------|-------------|----------|
| Isoniazid 300mg [PC11]   | H-56       | Tab        | 417615 Tab       | 0.0000/Tab | 31-May-2020 | -        |
| Ethambutol 400 mg [PC45]   | A703915    | Tab        | 37434 Tab        | 0.0000/Tab | 30-Jun-2020 | -        |
| Conventional MDR TB Regimen-(Modified)-Type A (16-29 Kg) [MCRA1] | 1960011286 | -          | 1231 PWB         | 0.0000/-   | 31-May-2020 | -        |
| Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]             | 1960011164 | PWB        | 123 PWB          | 0.0000/-   | 30-Jun-2020 | -        |
| Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]             | 1960011206 | PWB        | 3211 PWB         | 0.0000/-   | 30-Jun-2020 | -        |
| Bedaquiline (BDQ) [PC52]   | 1960011266 | Bottle/Jar | 8 Bottle/Jar     | 0.0000/-   | 20-May-2021 | -        |
| Shorter MDR TB Regimen-Type B(46 -70kg) [SRB3]                   | 1960000090 | PWB        | 1231 PWB         | 0.0000/-   | 31-Oct-2019 | -        |
| Shorter MDR TB Regimen-Type B(30-45 Kg) [2SRB2]                  | 1960007426 | PWB        | 1212 PWB         | 0.0000/-   | 31-Oct-2019 | -        |
| Shorter MDR TB Regimen-Type B(30-45 Kg) [2SRB2]                  | 1860013470 | PWB        | 1212 PWB         | 0.0000/-   | 30-Sep-2019 | -        |
| Moxifloxacin 400 [PC39]  | EMB3711C   | Tab        | 454545 Tab       | 0.0000/Tab | 30-Jun-2020 | -        |

Showing 1 to 10 of 308 entries

Previous 1 2 3 4 5 ... 31 Next

Expire Expiry Inactive Quantity < Reorder Level Expired Incomplete Box

10. The box modification is done in two parts, as:

- Unpacking of drugs from the box,
- Adding of a new drug in replacement.

11. It is to be noted that unpacking and addition of drugs will be done for same number of boxes at a time.

12. Enter the box quantity to unpack.

13. Select the drug to unpack and system will automatically fill the quantity in field. User not needed to enter the quantity.

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List / Home Menu / Box Modification x

Box Modification

Store Name: SDS Himachal Pradesh Date and Time: 26-Aug-2019/09:38:16

TB Category: Second Line Drug TB SubCategory: Conventional MDR TB Regimen

Drug/Box Name: Conventional MDR TB Regimen Type A Go

Batch Details

| #                                   | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|-------------------------------------|------------|-----------------|-------------|------------|--------------|
| <input checked="" type="checkbox"/> | 1960011157 | --              | Jun/2020    | 1231       | Active       |
| <input type="checkbox"/>            | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/>            | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/>            | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/>            | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/>            | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |

Drug Details

No. of Boxes to be Unpacked: 1231

| Remove                              | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Available Quantity While Unpacking |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|------------------------------------|
| <input checked="" type="checkbox"/> | Ethambutol 400 mg [PC45]  | 400 MG   | A703915   | Jun/2020    | 30 Tab  | 36930                              |
| <input type="checkbox"/>            | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    |         |                                    |
| <input type="checkbox"/>            | Ethionamide 250 mg [PC20] | 250 MG   | EEE1803A  | Aug/2021    |         |                                    |

New Drug Details

| Drug Name | Batch No. | Strength | Expiry Date | Set Qty | Avl qty | Added qty | Action |
|-----------|-----------|----------|-------------|---------|---------|-----------|--------|
|-----------|-----------|----------|-------------|---------|---------|-----------|--------|

FOR DEVELOPMENT OF ADVANCED COMPUTING (For any query please contact IT CELL NO - 7838811596, 9711951160, 7982955789). Monday, 26-Aug-2019

14. To add a new drug, select the drug from below and system will show different batch details of the drug.

15. Select a required batch and system will auto fill the quantity as per required.

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu **Box Modification**

New Drug Details

| Drug Name   | Batch No.              | Strength | Expiry Date | Set Qty     | Avl qty | Added qty       | Action |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
|---|------------------------|----------|-------------|-------------|---------|-----------------|--------|---|-----------|----------|-----------|-------------|---------|-----------------|-------------------------------------|------------------------|--------|------|----------|--------|-------|--------------------------|----------------------|-------|----------|----------|--------|--|--------------------------|----------------------|-------|----------|----------|-----|--|--------------------------|------------------------|--------|---------|----------|-------|--|--------------------------|----------------------|--------|---------|----------|------|--|
| <p>* New Drug Name: Isoniazide H<br/>Strength: 300 MG</p> <p>Available Quantity: 1498806 Tab<br/>Required Qty/Box: 30 Tab</p> <p>Brand Details For New Drug</p> <table border="1"> <thead> <tr> <th>#</th> <th>Drug Name</th> <th>Strength</th> <th>Batch No.</th> <th>Expiry Date</th> <th>Avl Qty</th> <th>To Be Added Qty</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Isoniazid 300mg [PC11]</td> <td>300 MG</td> <td>H-56</td> <td>May/2020</td> <td>454545</td> <td>36930</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Isoniazid(75) [PC56]</td> <td>75 MG</td> <td>EIC4702A</td> <td>Jul/2020</td> <td>454545</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Isoniazid(75) [PC56]</td> <td>75 MG</td> <td>EIC4803A</td> <td>Dec/2020</td> <td>930</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Isoniazid 300mg [PC11]</td> <td>300 MG</td> <td>HIB827A</td> <td>Jan/2021</td> <td>66090</td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Isoniazid.100 [PC71]</td> <td>100 MG</td> <td>S.I.604</td> <td>Mar/2021</td> <td>3001</td> <td></td> </tr> </tbody> </table> <p>Remarks (if any):</p> <p>Save Clear Back</p> |                        |          |             |             |         |                 |        | # | Drug Name | Strength | Batch No. | Expiry Date | Avl Qty | To Be Added Qty | <input checked="" type="checkbox"/> | Isoniazid 300mg [PC11] | 300 MG | H-56 | May/2020 | 454545 | 36930 | <input type="checkbox"/> | Isoniazid(75) [PC56] | 75 MG | EIC4702A | Jul/2020 | 454545 |  | <input type="checkbox"/> | Isoniazid(75) [PC56] | 75 MG | EIC4803A | Dec/2020 | 930 |  | <input type="checkbox"/> | Isoniazid 300mg [PC11] | 300 MG | HIB827A | Jan/2021 | 66090 |  | <input type="checkbox"/> | Isoniazid.100 [PC71] | 100 MG | S.I.604 | Mar/2021 | 3001 |  |
| #   | Drug Name              | Strength | Batch No.   | Expiry Date | Avl Qty | To Be Added Qty |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
| <input checked="" type="checkbox"/>   | Isoniazid 300mg [PC11] | 300 MG   | H-56        | May/2020    | 454545  | 36930           |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
| <input type="checkbox"/>  | Isoniazid(75) [PC56]   | 75 MG    | EIC4702A    | Jul/2020    | 454545  |                 |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
| <input type="checkbox"/>  | Isoniazid(75) [PC56]   | 75 MG    | EIC4803A    | Dec/2020    | 930     |                 |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
| <input type="checkbox"/>  | Isoniazid 300mg [PC11] | 300 MG   | HIB827A     | Jan/2021    | 66090   |                 |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |
| <input type="checkbox"/>  | Isoniazid.100 [PC71]   | 100 MG   | S.I.604     | Mar/2021    | 3001    |                 |        |   |           |          |           |             |         |                 |                                     |                        |        |      |          |        |       |                          |                      |       |          |          |        |  |                          |                      |       |          |          |     |  |                          |                        |        |         |          |       |  |                          |                      |        |         |          |      |  |

16. User can enter the quantity from multiple batches to add the drug as per requirement.

17. If user manually enters the wrong quantity, that means larger quantity than to be added quantity, then system shows the alert that total quantity cannot be greater than set quantity.

**Box Modification**

Total Quantity 100 cannot be greater than the Set Quantity[30]\*Unpacked Qty[3] = 90

OK

18. Click on 'ADD' button to add the new drug into the box.



19. The system will show the added drug details.

**NIKSHAY AUSHADHI**  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu Box Modification x

|                          |            |    |          |      |             |
|--------------------------|------------|----|----------|------|-------------|
| <input type="checkbox"/> | 1960011161 | -- | Aug/2020 | 321  | In-Complete |
| <input type="checkbox"/> | 1960011164 | -- | Jun/2020 | 123  | Active      |
| <input type="checkbox"/> | 1960011206 | -- | Jun/2020 | 3211 | In-Complete |
| <input type="checkbox"/> | 1960011207 | -- | Jun/2020 | 1233 | In-Complete |
| <input type="checkbox"/> | 1960011208 | -- | Jun/2020 | 1111 | In-Complete |

Drug Details

No. of Boxes to be Unpacked 1231

| Remove                   | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Available Quantity While Unpacking |
|--------------------------|---------------------------|----------|-----------|-------------|---------|------------------------------------|
| <input type="checkbox"/> | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    |         |                                    |
| <input type="checkbox"/> | Ethionamide 250 mg [PC20] | 250 MG   | EEE1803A  | Aug/2021    |         |                                    |
| <input type="checkbox"/> | Pyridoxine 100mg [PC26]   | 100 MG   | EPA6803C  | Nov/2021    |         |                                    |

New Drug Details

| Drug Name              | Batch No. | Strength | Expiry Date | Set Qty | Avl qty | Added qty | Action |
|------------------------|-----------|----------|-------------|---------|---------|-----------|--------|
| Isoniazid 300mg [PC11] | H-56      | 300      | May/2020    | 30 Tab  | 454545  | 36930     |        |

\*New Drug Name Isoniazide H  
Strength 300 MG

Available Quantity 1498906 Tab  
Required Qty/Box 30 Tab

Brand Details For New Drug

| # | Drug Name | Strength | Batch No. | Expiry Date | Avl Qty | To Be Added Qty |
|---|-----------|----------|-----------|-------------|---------|-----------------|
|   |           |          |           |             |         |                 |

SDS DEVELOPMENT/RE ADVANCER CAMPBING use contact IT CELL NO - 7838811596, 9711951160, 7982955789. Monday, 26-Aug-20

20. Enter the 'Remarks' and click on 'Save' button.

21. System will generate the Voucher. User can save/print this voucher.

22. The system will remove the unpacked drug and add the new drug in replacement.

102000351960011286

Conventional MDR TB Regimen

Conventional MDR TB Regimen-(Modified)-Type A (16-29 Kg) [MCRA1]  
Weight Band : 16-29

| S.No. | Drug Name                 | UOM | Strength(No.) | Batch No. | DOE      | No. Of Unit | Dosage Per Day |
|-------|---------------------------|-----|---------------|-----------|----------|-------------|----------------|
| 1     | Cycloserine 250mg [PC24]  | Cap | 250 MG        | ECB57100A | Aug/2020 | 30          | 1.00           |
| 2     | Ethionamide 250 mg [PC20] | Tab | 250 MG        | EEE1803A  | Aug/2021 | 60          | 2.00           |
| 3     | Isoniazid 300mg [PC11]    | Tab | 300 MG        | H-56      | May/2020 | 30          | 1.00           |
| 4     | Levofloxacin 250mg [PC28] | Tab | 250 MG        | JK18502   | Aug/2020 | 30          | 1.00           |
| 5     | Pyridoxine 100mg [PC26]   | Tab | 100 MG        | EPA6803C  | Nov/2021 | 30          | 1.00           |

Lot No. : 1960011286 Total : 180

Date Of Expiry Of Box : May/2020

Store In Cool And Dark Place

Not Expose To Sunlight

SDS Himachal Pradesh  
Himachal Pradesh

### View the Modified Boxes:

To view the modified boxes, follow the steps below:

1. Go to 'Box Modification'
2. Click on 'View' on top right corner



3. Select 'Entry from date' and 'Entry to date' and click on 'Go'



4. System will show the records of all the boxes modified in this duration
5. Select any record to view the details of the box

The screenshot shows the 'Box Modification View' interface. At the top, there's a header with the NIKSHAY AUSHADHI logo and 'Central Tuberculosis Division'. Below the header, there's a navigation bar with 'Task List', 'Home Menu', and 'Box Modification'. The main content area has a form with the following fields:

- \*Store Name: SDS Himachal Pradesh
- TB Category: All
- \*TB SubCategory: All
- \*From Date: 26-08-2019
- \*To Date: 26-08-2019
- A green 'Go' button.

Below the form, there's a table titled 'Box Details' with the following columns: #, Prepared Date, Drug/Box Name, Batch No., Expiry Date, Stock Status, Prepared Qty., and #. The table contains one record with a green 'V' icon in the last column.

| # | Prepared Date | Drug/Box Name  | Batch No.  | Expiry Date | Stock Status | Prepared Qty. | # |
|---|---------------|--|------------|-------------|--------------|---------------|---|
| 1 | 26-Aug-2019   | Conventional MDR TB Regimen-(Modified)-Type A (18-29 Kg) [MCRA1] | 1960011286 | 31-May-2020 | Active       | 1231          | V |

Below the 'Box Details' table, there's a table titled 'Drug Details' with the following columns: #, Drug Name, Strength, Req Qty Per Box., and Avl Qty Per Box.. The table contains five records.

| # | Drug Name        | Strength | Req Qty Per Box. | Avl Qty Per Box. |
|---|------------------|----------|------------------|------------------|
| 1 | Cycloserine Cs   | 250 MG   | 30               | 30               |
| 2 | Ethionamide Eto  | 375 MG   | 30               | 30               |
| 3 | Isoniazide H     | 300 MG   | 30               | 30               |
| 4 | Levofloxacin Lfx | 250 MG   | 30               | 30               |
| 5 | Pyridoxine       | 50 MG    | 30               | 30               |

At the bottom, there's a 'Batch Details' table with the following columns: S.No., Drug Name, Strength, Batch No., Expiry Date, and Avl Qty Per Box.. The table is empty.

At the very bottom, there's a footer with the text: 'FOR DEVELOPMENT OF ADVANCED COMPUTING: 1596, 9711951160, 7982955789. Monday, 26-Aug-2019'.

6. Select a particular drug to view the drug details
7. Click on 'V' to view the box voucher



## **Box Unpacking**

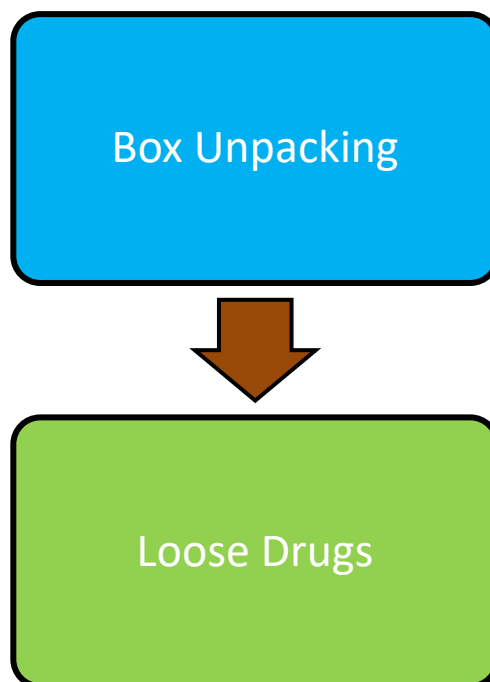
**Box Unpacking Process:** The box unpacking allows user to unpack the box into loose drugs. After unpacking a box, the drugs of the box are added back into the inventory of the store where box is unpacked. The following boxes can be unpacked:

- **Unpacking of a complete box,**
- **Unpacking of an incomplete box,**
- **Unpacking of a modified box**

This is to be noted that once a box is unpacked into loose drugs, the box will not exist in the inventory.

*The Box Unpacking process can be done on SDS and DDS level only.*

*The following is a brief flowchart for box unpacking process:*



**Diagram of Box Unpacking**

Nikshay Aushadhi application allows user to *unpack* the box multiple times (less or equal to the box prepared quantity). That means if 50 boxes to be unpacked, the user can unpack the boxes in any number from 1 to 50. Each time after unpacking, the unpacked quantity will be

added into loose drugs and will be minus from total box quantity. If 5 boxes unpacked out of 50, then total boxes to unpack will remain 45.

Path: Services-> Packaging/Repackaging -> Box Modification -> Box Unpacking

NIKSHAY AUSHADHI  
Central Tuberculosis Division

Welcome, Sds Himachal Pradesh

Task List Home Menu Box Unpacking x

Box Unpacking

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Select Value

Conventional MDR TB Regimen Type B(>70kg) [2CRB4]  
Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1]  
Conventional MDR TB Regimen Type A (30-45 Kg) [RRA2]  
Conventional MDR TB Regimen Type A (46-70kg) [CRA3]  
Conventional MDR TB Regimen Type A (>70kg) [RRA4]  
Conventional MDR TB Regimen Type B(30-45kg) [CRB2]  
Conventional MDR TB Regimen Type B (46-70kg) [RRB3]  
Conventional MDR TB Regimen-(Modified)-Type A (16-29 Kg) [MCRA1]  
Conventional MDR TB Regimen-(Modified)-Type A (30-45 Kg) [2MCRA2]  
Conventional MDR TB Regimen-(Modified)-Type A (70 Kg) [MCRA4]

Date and Time 26-Aug-2019/09:46:12

\*TB SubCategory Conventional MDR TB Regimen

Go

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**Steps to be follow:**

1. Go to 'Box Unpacking' in Packaging/Repackaging
2. Select TB Subcategory and Box name (weight band) to unpack.
3. Click on GO button.



4. The system will show the details of all the available boxes in the inventory.
5. Batch number, Expiry Date, Stock Quantity and Stock Status are shown below.

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Task List Home Menu Box Unpacking x

Box Unpacking

\*Store Name SDS Himachal Pradesh

TB Category Second Line Drug

\*Drug/Box Name Conventional MDR TB Regimen Type A

Date and Time 26-Aug-2019/09:46:12

\*TB SubCategory Conventional MDR TB Regimen

Go

Batch Details

| #                        | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|--------------------------|------------|-----------------|-------------|------------|--------------|
| <input type="checkbox"/> | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/> | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/> | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/> | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/> | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |
| <input type="checkbox"/> | 1960011217 | --              | Aug/2020    | 1231       | In-Complete  |

Remarks (if any)

Save Clear Back



6. Select a box to unpack.
7. System will show the details of drugs in that box.

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Task List Home Menu **Box Unpacking**

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A

Date and Time: 26-Aug-2019/09:46:12  
\*TB SubCategory: Conventional MDR TB Regimen

**Batch Details**

| #                                   | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|-------------------------------------|------------|-----------------|-------------|------------|--------------|
| <input checked="" type="checkbox"/> | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/>            | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/>            | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/>            | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/>            | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |
| <input type="checkbox"/>            | 1960011217 | --              | Aug/2020    | 1231       | In-Complete  |

**Drug Details**

No. of Boxes to be Unpacked: 321

| #                                   | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Total Unpack Qty (Tablets) |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|----------------------------|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    | 30 Cap  | 9630                       |
| <input checked="" type="checkbox"/> | Ethionamide 250 mg [PC20] | 250 MG   | EEE1802A  | Aug/2021    | 60 Tab  | 19260                      |
| <input checked="" type="checkbox"/> | Levofloxacin 250mg [PC28] | 250 MG   | JK18502   | Aug/2020    | 30 Tab  | 9630                       |

Remarks (if any):

Save Clear Back

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8. User can choose any quantity less or equals to box prepared quantity to modify the box.
9. If total box quantity is 321, then you can unpack boxes in any quantity from 1 to 321.

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Task List Home Menu **Box Unpacking** Drug Inventory View

\*Store Name: SDS Himachal Pradesh  
TB Category: Second Line Drug  
\*Drug/Box Name: Conventional MDR TB Regimen Type A

Date and Time: 26-Aug-2019/09:46:12  
\*TB SubCategory: Conventional MDR TB Regimen

**Batch Details**

| #                                   | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|-------------------------------------|------------|-----------------|-------------|------------|--------------|
| <input checked="" type="checkbox"/> | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/>            | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/>            | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/>            | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/>            | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |
| <input type="checkbox"/>            | 1960011217 | --              | Aug/2020    | 1231       | In-Complete  |

**Drug Details**

No. of Boxes to be Unpacked: 6

| #                                   | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Total Unpack Qty (Tablets) |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|----------------------------|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    | 30 Cap  | 180                        |
| <input checked="" type="checkbox"/> | Ethionamide 250 mg [PC20] | 250 MG   | EEE1802A  | Aug/2021    | 60 Tab  | 360                        |
| <input checked="" type="checkbox"/> | Levofloxacin 250mg [PC28] | 250 MG   | JK18502   | Aug/2020    | 30 Tab  | 180                        |

Remarks (if any):

Save Clear Back

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## Unpacking the box as per required quantity:

- The user can also unpack the box in less number of quantities than the box preparation quantity.
- That means if the total of 100 boxes are prepared, then user can unpack the box in any number of quantity from 1 to 100.
- After unpacking the box, the drugs from the box will be added loose into the inventory.
- The loose drugs will be added in inventory only from the number of boxes user unpacks, the user can unpack the remaining boxes as per requirement later.

10. It is to be noted that all the drugs in a box will be unpacked while you unpack that box.

11. System will show the quantity of drugs to unpack as per the number of box entered to unpack by user.

Batch Details

| #                                   | Batch No.  | Notification ID | Expiry Date | Stock Qty. | Stock Status |
|-------------------------------------|------------|-----------------|-------------|------------|--------------|
| <input checked="" type="checkbox"/> | 1960011161 | --              | Aug/2020    | 321        | In-Complete  |
| <input type="checkbox"/>            | 1960011164 | --              | Jun/2020    | 123        | Active       |
| <input type="checkbox"/>            | 1960011206 | --              | Jun/2020    | 3211       | In-Complete  |
| <input type="checkbox"/>            | 1960011207 | --              | Jun/2020    | 1233       | In-Complete  |
| <input type="checkbox"/>            | 1960011208 | --              | Jun/2020    | 1111       | In-Complete  |
| <input type="checkbox"/>            | 1960011217 | --              | Aug/2020    | 1231       | In-Complete  |

Drug Details

No. of Boxes to be Unpacked: 6

| #                                   | Drug Name                 | Strength | Batch No. | Expiry Date | Set Qty | Total Unpack Qty. (Tablets) |
|-------------------------------------|---------------------------|----------|-----------|-------------|---------|-----------------------------|
| <input checked="" type="checkbox"/> | Cycloserine 250mg [PC24]  | 250 MG   | ECB57100A | Aug/2020    | 30 Cap  | 180                         |
| <input checked="" type="checkbox"/> | Ethionamide 250 mg [PC20] | 250 MG   | EEE1802A  | Aug/2021    | 60 Tab  | 360                         |
| <input checked="" type="checkbox"/> | Levofloxacin 250mg [PC28] | 250 MG   | JK18502   | Aug/2020    | 30 Tab  | 180                         |

Remarks (if any):

Save Clear Back

12. Enter the 'Remarks'.

13. Click on 'Save' button.

14. System will generate the alert that 'box unpacked successfully'.

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Task List Home Menu Box Unpacking x Drug Inventory View x

Box Unpacking

Box Unpackaged Successfully for Store [SDS Himachal Pradesh] +

\*Store Name SDS Himachal Pradesh Date and Time 26-Aug-2019/09:49:52  
TB Category First Line Drug \*TB SubCategory Adult\_Pediatric  
\*Drug/Box Name Select Value Go

Save Clear Back

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15. For example the total number of boxes before unpacking was 321. If user selects 6 boxes to unpack out of these 321 boxes, the remaining boxes quantity will be 315 in inventory.

Task List Home Menu Box Unpacking x Drug Inventory View x

Drug Inventory

Store Name SDS Himachal Pradesh Group Name All  
Stock Status All

Report

Show 10 entries Search: 1960011161

| Drug Name  | Batch No.  | Pack Size | Quantity In Hand | Rate/Unit | Expiry Date | Rack No. |
|--|------------|-----------|------------------|-----------|-------------|----------|
| Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] | 1960011161 | PWB       | 321 PWB          | 0.0000/-  | 20-Aug-2020 | -        |

Showing 1 to 1 of 1 entries (filtered from 308 total entries)

Previous 1 Next

Near Expiry Inactive Quantity < Reorder Level Expired Incomplete Box

16. The total number of boxes in inventory after unpacking 6 boxes, out of 321. The user similarly can unpack the remaining number of boxes with above given process.

Task List Home Menu Box Unpacking x Drug Inventory View x

Drug Inventory

Store Name SDS Himachal Pradesh Group Name All  
Stock Status All

Report

Show 10 entries Search: 1960011161

| Drug Name  | Batch No.  | Pack Size | Quantity In Hand | Rate/Unit | Expiry Date | Rack No. |
|--|------------|-----------|------------------|-----------|-------------|----------|
| Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] | 1960011161 | PWB       | 315 PWB          | 0.0000/-  | 20-Aug-2020 | -        |

Showing 1 to 1 of 1 entries (filtered from 308 total entries)

Previous 1 Next

Near Expiry Inactive Quantity < Reorder Level Expired Incomplete Box

## View the Modified Boxes:

To view the unpacked boxes, follow the steps below:

1. Go to 'Box Unpacking'
2. Click on 'View' on top right corner



3. Select 'Entry from date' and 'Entry to date' and click on 'Go'



4. System will show the records of all the boxes unpacked in this duration
5. Select any record to view the details of the box

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Task List

Home Menu

Box Unpacking x

Box Unpacking View

\*Store Name SDS Himachal Pradesh

TB Category All

\*From Date 26-08-2019

\*TB SubCategory All

\*To Date 26-08-2019

Go

Unpacked Set Details

| # | Unpack No. | Unpacking Date | TB Category      | TB Sub Category             | Set/Box Name   | Batch No.  |
|---|------------|----------------|------------------|-----------------------------|--|------------|
| 1 | 1800000101 | 26-Aug-2019    | Second Line Drug | Conventional Mdr Tb Regimen | Conventional MDR TB Regimen Type A (16-29 Kg) [RRA1] | 1900011161 |

Drug Details

| Drug Name                 | Batch No. | Strength | Expiry Date | Unpack Qty. |
|---------------------------|-----------|----------|-------------|-------------|
| Ethionamide 250 mg [PC20] | EEE1802A  | 250 MG   | Aug/2021    | 60          |
| Cycloserine 250mg [PC24]  | ECB57100A | 250 MG   | Aug/2020    | 30          |
| Levofloxacin 250mg [PC28] | JK18502   | 250 MG   | Aug/2020    | 30          |

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