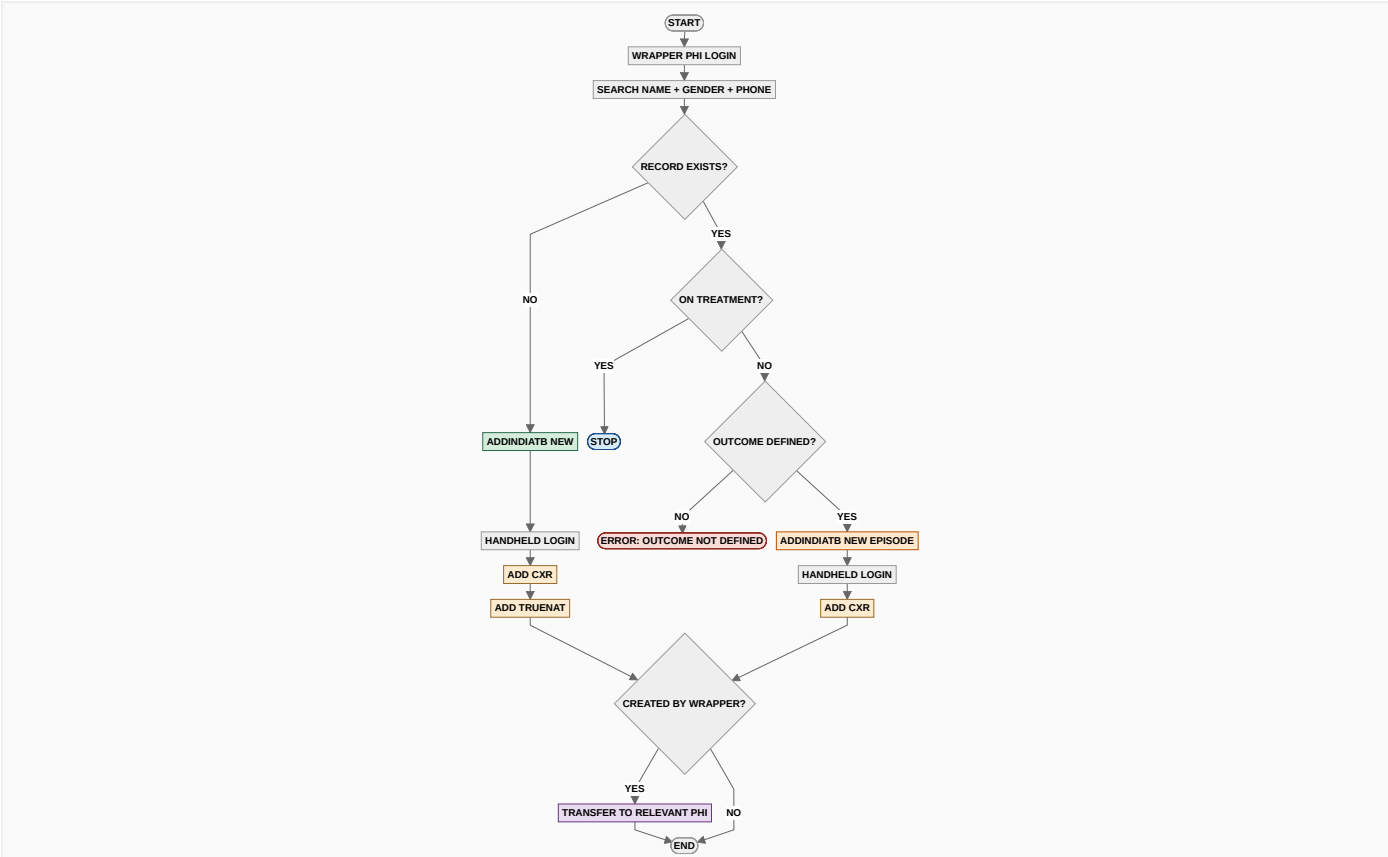


Nikshay enrollment + contact tracing

Match: **name + gender + phone**. Wrapper PHI: search / enroll / TrueNat / contacts / transfer. Handheld: Chest X Ray only. Two flows: (1) presumptive enroll (2) contact tracing / TPT.

Flow 1 — Index / presumptive enrollment



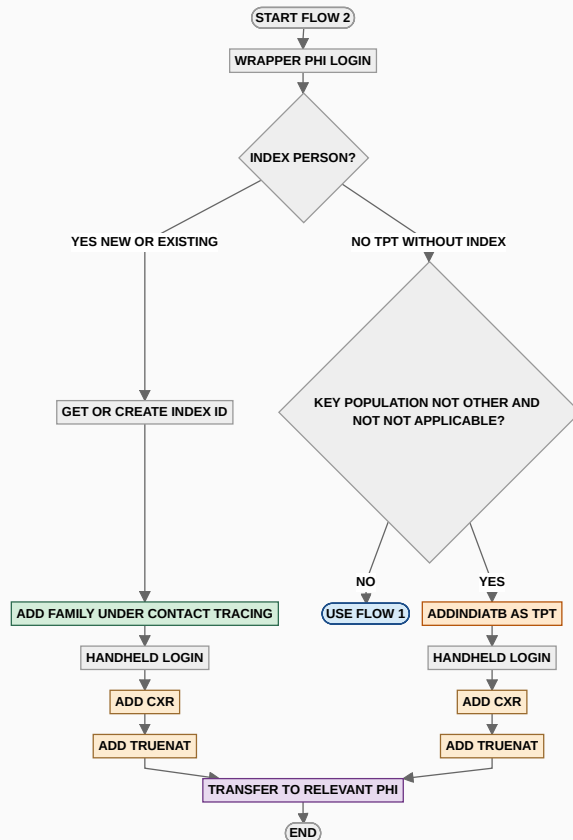
Branch	When	What happens
1. New	No firm match	Enroll (wrapper) → CXR (handheld) → TrueNat (wrapper) → transfer to relevant PHI
2. On treatment	Firm match and treatment is on	Stop. No enroll, no tests, no transfer
3. No outcome	Firm match, not on treatment, outcome not set (Open)	Error outcome not defined. Stop
4. Outcome defined	Firm match, outcome already set (Closed)	New episode with parentEpisodeId (wrapper) → CXR (handheld) → transfer to relevant PHI

Transfer only if a new record/episode was created with the wrapper PHI login (branches 1 and 4).

Portal field	Means
No firm match	New
Stage contains On Treatment / OnTreatment true	Branch 2
IsPatientOutcomeAssigned false and Stage Open	Branch 3
IsPatientOutcomeAssigned true or Stage Closed	Branch 4

Flow 2 — Contact tracing / TPT

Family contacts go under the **index** record (create the index first if they are new). TPT without an index is a direct enroll when Key Population / Risk factors is anything **other than** Other and Not Applicable.



Repeat Add family → CXR → TrueNat → transfer for each household contact.

Branch	When	What happens
A. Existing index	Index already has a Nikshay ID	Add family under Contact Tracing → CXR (handheld) → TrueNat → transfer
A. New index	Index not on Nikshay yet	AddIndiaTB for index → add family under Contact Tracing → CXR → TrueNat → transfer
B. TPT without index	No index, Key Population is not Other / Not Applicable	Direct AddIndiaTB with that Key Population → CXR → TrueNat → transfer
Not this flow	No index and Key Population is Other or Not Applicable	Use Flow 1

APIs

```

Content-Type: application/json; charset=UTF-8
Accept: */*
Origin: https://beta.nikshay.in
Referer: https://beta.nikshay.in/
X-Requested-With: XMLHttpRequest
Cookie: <session from the login that owns the step>
  
```

SSO Wrapper PHI (assigned PHI)

Login as assigned PHI. Cookie used for search, AddIndiaTB, TrueNat, contact add, transfer. Same as lib/auth.js.

SSO X-ray handheld

Login as handheld device user. Cookie used only for Chest X Ray AddDiagnosticsTest.

GET GetPossibleDuplicates

/Api/Patients/GetPossibleDuplicates

REQUEST

```

GET https://beta.nikshay.in/Api/Patients/GetPossibleDuplicates?
PrimaryPhone=9811100001&Gender=Male&FirstName=TestOpen&LastName=Patient&Age=35&DateOfBirth=01-01-1991
  
```

RESPONSE — NEW

```
{
  "Success": false,
  "Data": null,
  "Error": { "Message": "No existing patients Mapped to mobile number" }
}
```

RESPONSE — EXISTS

```
{
  "Success": true,
  "Data": [
    {
      "PatientId": 41253370,
      "FirstName": "TestOpen",
      "LastName": "Patient",
      "Gender": "Male",
      "PrimaryPhoneNumber": "9811100001",
      "Stage": "Presumptive (Open)",
      "IsPatientOutcomeAssigned": false
    }
  ],
  "Error": null
}
```

POST AddIndiaTB — new

/api/patients/AddIndiaTB

Wrapper cookie. Branch 1.

REQUEST

```
{
  "TypeOfPatient": "IndiaTbPublic",
  "Stage": "PRESUMPTIVE_OPEN",
  "SelectedHierarchyId": 297655,
  "FirstName": "TestNew",
  "LastName": "Patient",
  "Gender": "Female",
  "PrimaryPhone": "9811100002",
  "ResidenceHierarchyId": 640461,
  "parentEpisodeId": null,
  "IsPossibleDuplicate": false
}
```

RESPONSE

```
{ "Success": true, "PatientId": 41253369, "Error": null }
```

POST AddIndiaTB — new episode (outcome already defined)

/api/patients/AddIndiaTB

Wrapper cookie. Branch 4. Same body as new, with parent set.

```
{
  "parentEpisodeId": 41253370,
  "IsPossibleDuplicate": true
}
```

RESPONSE

```
{ "Success": true, "PatientId": 41253373, "Error": null }
```

GET CXR labs

/api/Hierarchy/GetLabsForTestTypeKeyValue?id={districtId}&testType=Chest%20X%20Ray

GET https://beta.nikshay.in/api/Hierarchy/GetLabsForTestTypeKeyValue?id=549&testType=Chest%20X%20Ray

```
{
  "Success": true,
  "Data": [{ "Key": 297724, "Value": "Abhayamukhi" }],
  "Error": null
}
```

POST AddDiagnosticsTest — Chest X Ray (handheld)

/API/TestResults/AddDiagnosticsTest

REQUEST

```
{
  "ReasonForTesting": "TB Screening",
  "TestType": "Chest X Ray",
  "TestingFacility": { "Key": 297724, "Value": "Abhayamukhi" },
  "SampleAvailability": "Absent",
  "ResultAvailability": "Present",
  "ResultReportedBy": "TBMIJA",
  "FinalInterpretation": "Normal",
  "PatientId": "41253369"
}
```

FinalInterpretation: Normal or Abnormal - Suggestive of TB.

RESPONSE

```
{
  "Success": true,
  "Data": { "RequestId": 903060, "TestType": "Chest X Ray", "ResultId": 350134 }
}
```

GET TrueNat labs

/api/Hierarchy/GetLabsForTestTypeKeyValue?id={districtId}&testType=Truenat%20(MTB)

GET https://beta.nikshay.in/api/Hierarchy/GetLabsForTestTypeKeyValue?id=549&testType=Truenat%20(MTB)

Use a TrueNat-enabled PHI (e.g. DHH,Khordha **297655**), not the first CXR lab.

POST AddDiagnosticsTest — Truenat (MTB) (wrapper, new enroll only)

/API/TestResults/AddDiagnosticsTest

REQUEST

```
{
  "ReasonForTesting": "TB Screening",
  "TestType": "Truenat (MTB)",
  "TestingFacility": { "Key": 297655, "Value": "DHH,Khordha" },
  "ResultReportedBy": "TBMIJA",
  "FinalInterpretation": "Normal",
  "PatientId": "41253369"
}
```

RESPONSE

```
{
  "Success": true,
  "Data": { "RequestId": 903070, "TestType": "Truenat (MTB)", "ResultId": 350150 }
}
```

POST Transfer to relevant PHI (wrapper)

/Api/Patients/TransferPatient

After create on wrapper login (Flow 1 branches 1 and 4, and every Flow 2 contact / TPT person). Destination = catchment PHI. Confirm path on portal network tab if it differs.

REQUEST

POST https://beta.nikshay.in/Api/Patients/TransferPatient

```
{
  "PatientId": "41253369",
  "DestinationHierarchyId": 297655,
  "TransferDate": "29-09-2026",
  "Reason": "Transfer to catchment PHI"
}
```

Not implemented in enroll.js yet.

POST Add family contact under index (Flow 2-A)

/Api/ContactTracing/AddContact

Wrapper cookie. Repeat per family member. Confirm URL on portal if it differs.

REQUEST

```
{
  "IndexPatientId": 41253369,
  "FirstName": "Ravi",
  "LastName": "Kumar",
  "Age": "12",
  "Gender": "Male",
  "PrimaryPhone": "9811100099",
  "Relationship": "Child",
  "TypeOfContact": "Household"
}
```

RESPONSE

```
{ "Success": true, "PatientId": 41254001, "Error": null }
```

Then handheld CXR + wrapper TrueNat on this contact PatientId, then transfer.

POST TPT enroll without index (Flow 2-B)

/api/patients/AddIndiaTB

Wrapper cookie. KeyPopulation must not be Other or Not Applicable (e.g. Urban Slum, PLHIV, Health Care Worker).

REQUEST

```
{
  "TypeOfPatient": "IndiaTbPublic",
  "Stage": "PRESUMPTIVE_OPEN",
  "SelectedHierarchyId": 297655,
  "FirstName": "Tpt",
  "LastName": "Person",
  "Gender": "Female",
  "PrimaryPhone": "9811100088",
  "KeyPopulation": "Urban Slum",
  "parentEpisodeId": null,
  "IsPossibleDuplicate": false
}
```

Then CXR (handheld) → TrueNat (wrapper) → transfer to relevant PHI.