



TEFCA  
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# Standard Operating Procedure (SOP): Exchange Purpose (XP) Implementation: Treatment

Version 2.0

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Effective Date: ▼

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Applicability: QHINs, Participants, Subparticipants

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## 1 Common Agreement References

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The requirements set forth in this Standard Operating Procedure (SOP) are for implementation, in addition to the terms and conditions found in the Framework Agreements, the Qualified Health Information Network® (QHIN™) Technical Framework (QTF), and applicable SOPs. The Trusted Exchange Framework and Common Agreement™ (TEFCA™) Cross Reference Resource identifies which SOPs provide additional detail on specific references from the Common Agreement.

All documents cited in this SOP can be found on the Recognized Coordinating Entity® (RCE®) [website](#).

## 2 Definitions

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Select terms used throughout this SOP are defined in this section for ease of reference. All capitalized terms used in this SOP have the respective meanings assigned to such term in the TEFCA Glossary.

**Covered Entity:** has the meaning assigned to such term at 45 CFR § 160.103

**Health Care Provider:** meets the definition of such term in either 45 CFR § 171.102 or in the HIPAA Rules at 45 CFR § 160.103.

**Health Plan:** has the meaning assigned to such term at 45 CFR § 160.103.

**State:** any of the several States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands.

**Treatment:** has the meaning assigned to such term at 45 CFR § 164.501.<sup>1</sup>

**XP Code:** the code used to identify the XP in any given transaction, as set forth in the applicable SOP(s).

Deleted: **TEFCA Required Treatment:** means a Query for Treatment that all meets the requirements set forth in Section 5.3 of this SOP. ¶

<sup>1</sup> As of the effective date of this SOP, 45 CFR § 164.501 defines Treatment as the provision, coordination, or management of health care and related services by one or more health care providers, including the coordination or management of health care by a health care provider with a third party; consultation between health care providers relating to a patient; or the referral of a patient for health care from one health care provider to another.

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### 3 Purpose

In addition to the Common Agreement, QTF, and applicable SOPs, this SOP identifies implementation specifications QHINs, Participants, and Subparticipants must follow when asserting the Treatment Exchange Purpose, including use of the T-TRTMNT XP Code. Nothing in this SOP modifies the terms and conditions related to Treatment, as enumerated in the Exchange Purposes (XPs) SOP.

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To help health care providers maintain and improve the care they provide to patients<sup>2</sup>, HIPAA defines “Treatment” broadly to include the provision, coordination, or management of health care and related services by one or more health care providers. It likewise defines “Health Care Providers” broadly to include any person or organization who furnishes, bills, or is paid for health care in the normal course of business. TEFCA is committed to supporting all of these health care providers who are providing Treatment.

To help build trust within TEFCA, it is critical to clarify these broad definitions when QHINs, Participants, and Subparticipants are required to Respond to a Treatment Query because making a Response required gives a requestor broad, automated access to the patient records under the stewardship of each QHIN, Participant, and Subparticipant. This SOP details the circumstances under which QHINs, Participants, and Subparticipants are required to Respond to a Treatment Query.

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Permitted users for purposes of this SOP include QHINs, Participants, and Subparticipants that are Health Care Providers and their Delegates. ¶

This SOP includes specifications for two XP Codes that, when asserted, signify Treatment as the reason for the Query (the “Treatment XP Codes”). Specifications for the T-TREAT XP Code are enumerated in Section 4 and specifications for the T-TRTMNT XP Code are enumerated in Section 5. Section 6 and Section 7 includes transaction and RCE Directory Service requirements that apply to all Treatment XP Codes.

### 4 T-TREAT XP Code

The requirements in this Section 4 apply to the T-TREAT XP Code. Requirements for using the T-TRTMNT XP Code are set forth in Section 5.

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<sup>2</sup> This is consistent with the Office for Civil Rights preamble discussion at 65 FR 82626 in the HIPAA Privacy Rule which specifically defines Treatment broadly in support of activities that improve or maintain the health of a patient. This clarification is relevant in the context of preventive and care management activities carried out in value-based care and other circumstances.

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#### 4.1 Who is eligible to use the T-TREAT XP Code?

- a) Health Care Providers and their Delegates.

#### 4.2 Under what circumstances can the T-TREAT XP Code be used?

- a) T-TREAT can only be used in connection with Treatment.

#### 4.3 Who MUST Respond to a Query that uses the T-TREAT XP Code?

- a) No one. Responding Nodes are not required to Respond to QHIN Queries that use the T-TREAT XP Code.
- b) All Responding Nodes SHOULD Respond to Queries for the T-TREAT XP Code that contain the information specified in this SOP, in accordance with the Framework Agreements and Applicable Law.

#### 4.3 What Required Information MUST be included in a Response to a Query that uses the T-TREAT XP Code?

- a) There is no Required Information for Queries that use the T-TREAT XP Code.

### 5 T-TRTMNT XP Code

The requirements in Section 5 apply to the T-TRTMNT XP Code. Requirements for using the T-TREAT XP Code are set forth in Section 4.

#### 5.1 Who is eligible to use the T-TRTMNT XP Code?

- a) A vetted Covered Entity Health Care Provider or its Delegate. Notwithstanding the foregoing, a Health Plan cannot be a Delegate of any QHIN, Participant, or Subparticipant for purposes of initiating a Query using the T-TRTMNT XP Code.
- b) The Veterans Health Administration, the Department of War, the Indian Health Service, the National Oceanic and Atmospheric Administration, the Coast Guard, and other Government Health Care Entity(ies).

#### 5.2 Under what circumstances can the T-TRTMNT XP Code be used?

- a) T-TRTMNT can only be used in connection with Treatment relating to a documented present or planned clinical event for a patient. Examples of documented present and planned clinical events include, but are not limited to:
  - i. Scheduled appointment between a patient and a provider
  - ii. Question or request sent to a provider by a patient (e.g., refill request)

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All TEFCA Exchange under Treatment MUST

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#### 4.2 QHIN Technical Framework (QTF) ¶

All TEFCA Exchange under Treatment MUST follow technical requirements as specified in the QTF. ¶

#### 4.3 Definition ¶

TEFCA Exchange under the XP Code T-TREAT has the meaning assigned to such term at 45 CFR § 164.501. ¶

#### 4.4. TEFCA Transactions¶

##### QHIN Message Delivery¶

This SOP supports TEFCA Exchange in the form of a Message Delivery from any Initiating Node to any Responding Node that is listed in the RCE Directory Service as capable of receiving Message Deliveries, in accordance with Applicable Law. Further requirements for initiating a Message Delivery are in the QTF. ¶

##### QHIN Query¶

This SOP supports TEFCA Exchange in the form of a (... [2])

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- iii. Medication reconciliation or medication management for a patient (e.g., refill reminder)
- iv. Notification of a patient’s admission to or discharge from a hospital
- v. Notation in the patient’s chart of a clinical interaction (e.g., visit, phone call, message, reminder)
- vi. Notation in the patient’s chart of the review of the information obtained through the query and subsequent action based on the information
- vii. Outreach by a provider to a patient for care management
- viii. Identification of care gaps for a patient
- ix. Consult with another provider about a patient
- x. Receipt of a referral from another provider for a patient
- xi. Receipt of a prescription to be filled for a patient
- xii. Receipt of a lab order for a patient
- xiii. Additional examples may be provided through FAQs

**5.3 Who MUST Respond to a Query that uses the T-TRTMNT XP Code?**

- a) All Responding Nodes that are operated by or associated with a Health Care Provider or its Delegate MUST Respond.<sup>3</sup>
- b) All Responding Nodes that are operated by or associated with an IAS Provider that supports Response and the Individual has chosen for the IAS Provider to Respond MUST Respond.
- c) All Responding Nodes that are not required to Respond to QHIN Queries for the T-TRTMNT XP Code SHOULD Respond to QHIN Query Requests for the T-TRTMNT XP Code.
- d) Notwithstanding anything herein to the contrary, a Responding Node is not required to Respond if any of the exceptions set forth in Section 4.5 of the Exchange Purposes SOP applies.

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**5.4 What Required Information MUST be included in a Response to a Query that uses the T-TRTMNT XP Code?**

- a) Required Information is specified in the Exchange Purposes (XPs) SOP.

<sup>3</sup> The RCE, in consultation with the Governing Council, will monitor reported metrics on T-HCO and T-PYMNT, as well as participation by Health Plans in TEFCO Exchange, to establish a timeline for Responding Nodes operated by or associated with Health Plans or Delegates of Health Plan to be required to Respond to T-TRTMNT.

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## 6. Transaction Requirements

### 6.1 QHIN Query

- a) The Query MUST specify the date range for the requested data.
- b) Query Identifying Information
  - i. The Query MUST include:
    - 1. the Health Care Provider’s individual or organizational National Provider Identifier (NPI) and/or Tax Identification Number (TIN), as applicable; and
      - a. The NPI Attribute MUST be encoded in the SAML attributes with a FriendlyName of NPI and MUST be NameFormat urn:oasis:names:tc:xspa:2.0:subject:npi.
      - b. The TIN attribute MUST be encoded in the SAML attributes with a FriendlyName of TIN and MUST be NameFormat urn:nhin:names:saml:tin.
    - 2. the Individual’s Member ID and/or Subscriber ID,<sup>4</sup> if known, as additional patient identifiers in the Request.

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### 6.2 FHIR Query

- a) The Query MUST include, as part of the Authorization and Authentication flows in the FHIR Security IG<sup>5</sup> OAuth hl7-b2b extension:
  - i. the Health Care Provider’s individual or organizational NPI and/or TIN, as applicable, appended to the Human readable name within organization\_name;
  - ii. the ResourceID of the Organization entry in the RCE Directory Service of the Health Care Provider as organization\_id; and
  - iii. the Individual’s Member ID and/or Subscriber ID, if known, as additional patient identifiers in the Query Patient Resource. The member ID/subscriber ID Patient.identifier code MUST be of system http://hl7.org/fhir/us/davinci-hrex/CodeSystem/hrex-temp and code umb.

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 All Responding Nodes SHOULD Respond to QHIN Query Requests for the T-TREAT XP Code that contain the information specified in this SOP, in accordance with the Framework Agreements and Applicable Law. [FHIR](#)  
 This SOP supports TECCA Exchange in the form of FHIR between Nodes with FHIR Endpoints published in the RCE Directory Service. FHIR refers to the Health Level Seven (HL7®) Fast Healthcare Interoperability Resources® (FHIR) standard. See the Facilitated FHIR Implementation SOP for additional implementation specifications. [FHIR Push](#)  
 Any Initiating Node may initiate a FHIR Push to any other Responding Node, in accordance with Applicable Law. [FHIR Query](#)  
**Only Initiating Nodes of Health Care Providers and their Delegates may initiate FHIR Queries for T-TREAT, in accordance with Applicable Law.**

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<sup>4</sup> See the Health Insurance Information data class in USCDI v3 available at <https://www.healthit.gov/isa/united-states-core-data-interoperability-uscdi#uscdi-v3>.

<sup>5</sup> Implementation Guide available at <https://hl7.org/fhir/us/udap-security/>.

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### 7 RCE Directory Service Requirements for Treatment XP Codes

- a) A Participant or Subparticipant that operates a Principal Node that initiates Queries for either Treatment XP Code MUST have appropriate NPIs populated in the RCE Directory Service for the corresponding Participant, Subparticipant, and Child Entries.
  - i. Where the Participant or Subparticipant has a Type 2 NPI that is representative of its broader organization, regardless of whether that Type 2 NPI is used for claims submission, the QHIN MUST populate that Type 2 NPI for the applicable Participant or Subparticipant entry in the RCE Directory Service. The NPI MUST match the NPI used in the vetting process.
  - ii. If the Participant or Subparticipant does not have a Type 2 NPI and used a Representative Child Entry's Type 2 NPI in the XP Vetting Process, the QHIN MUST populate that Type 2 NPI for the applicable Participant or Subparticipant entry in the RCE Directory Service.
    - 1. The corresponding Child Entry in the RCE Directory Service MUST also use that same Type 2 NPI.
  - iii. If the Participant or Subparticipant does not have a Type 2 NPI, does not have any Child Entries that have a Type 2 NPI, and the Participant or Subparticipant was vetted using a Representative Individual Provider with a Type 1 NPI, and not a representative Type 2 NPI, the QHIN MUST populate that Type 1 NPI for the applicable Participant or Subparticipant entry in the RCE Directory Service. For the avoidance of doubt, the use of such Type 1 NPI does not permit the listing of an individual as a Participant, Subparticipant, or Child Entry. The QHIN must update the Type 1 NPI in the RCE Directory Service in the event the individual is no longer associated with the Participant or Subparticipant.
  - iv. To the extent a Child Entry has a Type 2 NPI, the QHIN MUST populate that Type 2 NPI for the applicable Child Entry in the RCE Directory Service.
  - v. If the Participant, Subparticipant, or any Child Entry of the Participant or Subparticipant 1) does not have any NPI or CLIA Number and 2) is initiating Queries for T-TREAT, then the Participant, Subparticipant, or Child Entry is not required to populate an NPI or CLIA Number in the RCE Directory Service.

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 All Responding Nodes SHOULD Respond to FHIR Queries for the T-TREAT XP Code that contain the information specified in Section 4.4.3.2 of this SOP, in accordance with the Framework Agreements and Applicable Law. ¶  
 If a Responding Node with a FHIR Endpoint in the RCE Directory Service Responds to a FHIR Query for T-TREAT, it MUST use that FHIR Endpoint to Respond. ¶  
**TEFCA Required Treatment (T-TRTMNT) ¶**  
**5.1 Exchange Purpose Code (XP Code) ¶**  
 QHINs, Participants, or Subparticipants identified in Section 5.3 of this SOP that meet the definition set forth in Section 5.3 may use the TEFCA Required Treatment XP Code T-TRTMNT. ¶  
**5.2 QHIN Technical Framework (QTF) ¶**  
 See requirement in Section 4.2 of this SOP. ¶  
**5.3 Definition ¶**  
 TEFCA Required Treatment means: ¶  
 The following QHINs, Participants, or Subparticipants may initiate transactions using the TEFCA Required Treatment XP Code: ¶  
 Covered Entities that electronically transmit any health information in connection with transactions for which the Department of Health and Human Services (HHS) has adopted standards in the normal course of business and are one of the following types of Health Care Providers: ¶  
 to the extent these terms are defined in 42 USC 1395(x): a Hospital; skilled nursing facility; nursing facility; home health entity; health care clinic; community mental health center; renal dialysis facility; blood center; ambulatory surgical center; emergency medical services provider; Federally Qualified Health Center; group practice; a pharmacist; a pharmacy; a laboratory; a provider operated by, or under contract with, the Indian Health Service or by an Indian tribe, tribal organization, or urban Indian organization (as defined in section 1603 of title 25); or, a rural health clinic; or ¶  
 a natural person doctor of medicine or osteopathy, doctor of dental surgery or dental medicine, do... [6]

### 8 Version History

| Version     | Publication Date      | Section #(s) of Update |
|-------------|-----------------------|------------------------|
| Version 1.0 | Released July 1, 2024 | All Sections           |

**Deleted:** FHIR ¶  
 FHIR Push ¶  
 See requirements in Section 4.4.3.1. ¶  
 FHIR Query ¶  
 See requirements in Section 5.3 and Section 4.4.3.2(b). ¶  
 FHIR Response ¶  
 All Responding Nodes that are operated by or asso... [7]

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| Version            | Publication Date    | Section #(s) of Update   |
|--------------------|---------------------|--|
| Version 1.1        | April 11, 2025      | All Sections – Aligned with Exchange Purposes (XPs) SOP Version 4.0        |
| Version 1.2        | January 16, 2026    | Section 5.4— Aligned with Exchange Purposes (XPs) SOP Version 5.0          |
| <u>Version 2.0</u> | <u>May 11, 2026</u> | <u>All Sections — Aligned with Exchange Purposes (XPs) SOP Version 5.1</u> |

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